

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG No.: BF030124

Instrument ID: BNA_F Calibration Date/Time: 3/1/2024 12:10:21

Lab File ID: BF137451.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	0.652	0.732		12.27	
Pyridine	1.741	1.895		8.845	
2-Fluorophenol	1.321	1.370		3.709	
Benzaldehyde	0.934	1.013		8.458	
Aniline	2.329	2.457		5.496	
Phenol-d6	1.906	1.940		1.784	
Phenol	2.052	2.149		4.727	20.0
bis(2-Chloroethyl)ether	1.503	1.571		4.524	
2-Chlorophenol	1.393	1.420		1.938	
1,2-Dichlorobenzene	1.398	1.387		-0.787	
1,3-Dichlorobenzene	1.488	1.490		0.134	
1,4-Dichlorobenzene	1.523	1.536		0.854	20.0
Benzyl Alcohol	1.187	1.253		5.56	
2-Methylphenol	1.303	1.339		2.763	
2,2-oxybis(1-Chloropropane)	2.584	2.576		-0.31	
Acetophenone	0.484	0.479		-1.033	
3+4-Methylphenols	1.493	1.520		1.808	
n-Nitroso-di-n-propylamine	1.177	1.159	0.050	-1.529	
Nitrobenzene-d5	0.430	0.433		0.698	
Hexachloroethane	0.501	0.515		2.794	
Nitrobenzene	0.432	0.444		2.778	
Isophorone	0.818	0.824		0.733	
2-Nitrophenol	0.172	0.183		6.395	20.0
2,4-Dimethylphenol	0.321	0.324		0.935	
bis(2-Chloroethoxy)methane	0.480	0.488		1.667	
2,4-Dichlorophenol	0.294	0.306		4.082	20.0
1,2,4-Trichlorobenzene	0.310	0.310		0.0	
Benzoic acid	0.167	0.166		-0.599	
Naphthalene	1.073	1.064		-0.839	
4-Chloroaniline	0.421	0.442		4.988	
Hexachlorobutadiene	0.183	0.184		0.546	20.0
Caprolactam	0.100	0.105		5.0	
4-Chloro-3-methylphenol	0.329	0.337		2.432	20.0
2-Methylnaphthalene	0.684	0.678		-0.877	
Hexachlorocyclopentadiene	0.180	0.298	0.050	65.556	
2,4,6-Trichlorophenol	0.364	0.365		0.275	20.0
2-Fluorobiphenyl	1.278	1.201		-6.025	
2,4,5-Trichlorophenol	0.419	0.423		0.955	
1,1-Biphenyl	1.464	1.430		-2.322	
2-Chloronaphthalene	1.116	1.096		-1.792	
2-Nitroaniline	0.379	0.400		5.541	

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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
Dimethylphthalate	1.392	1.379		-0.934	
Acenaphthylene	1.786	1.757		-1.624	
2,6-Dinitrotoluene	0.291	0.299		2.749	
3-Nitroaniline	0.308	0.324		5.195	
Acenaphthene	1.066	1.046		-1.876	20.0
2,4-Dinitrophenol	0.111	0.121	0.050	9.009	
4-Nitrophenol	0.190	0.211	0.050	11.053	
Dibenzofuran	1.624	1.592		-1.97	
2,4-Dinitrotoluene	0.358	0.383		6.983	
Diethylphthalate	1.315	1.312		-0.228	
4-Chlorophenyl-phenylether	0.611	0.584		-4.419	
Fluorene	1.247	1.203		-3.528	
4-Nitroaniline	0.265	0.284		7.17	
4,6-Dinitro-2-methylphenol	0.111	0.118		6.306	
n-Nitrosodiphenylamine	0.644	0.645		0.155	20.0
Azobenzene	1.514	1.497		-1.123	
2,4,6-Tribromophenol	0.176	0.180		2.273	
4-Bromophenyl-phenylether	0.218	0.221		1.376	
Hexachlorobenzene	0.220	0.222		0.909	
Atrazine	0.196	0.201		2.551	
Pentachlorophenol	0.133	0.139		4.511	20.0
Phenanthrene	1.088	1.069		-1.746	
Anthracene	1.118	1.094		-2.147	
Carbazole	0.958	0.970		1.253	
Di-n-butylphthalate	1.139	1.166		2.371	
Fluoranthene	1.064	1.073		0.846	20.0
Benzidine	0.489	0.568		16.155	
Pyrene	1.962	1.947		-0.765	
Terphenyl-d14	1.454	1.428		-1.788	
Butylbenzylphthalate	0.501	0.543		8.383	
3,3-Dichlorobenzidine	0.373	0.409		9.651	
Benzo (a) anthracene	1.402	1.385		-1.213	
Chrysene	1.417	1.415		-0.141	
Bis (2-ethylhexyl) phthalate	0.637	0.674		5.808	
Di-n-octyl phthalate	1.120	1.110		-0.893	20.0
Benzo (b) fluoranthene	1.183	1.192		0.761	
Benzo (k) fluoranthene	1.271	1.295		1.888	
Benzo (a) pyrene	1.166	1.189		1.973	20.0
Indeno (1,2,3-cd) pyrene	1.316	1.358		3.191	
Dibenzo (a,h) anthracene	1.068	1.104		3.371	
Benzo (g,h,i) perylene	1.096	1.121		2.281	



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Lab File ID: BF137451.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
1,2,4,5-Tetrachlorobenzene	0.558	0.545		-2.33	
1,4-Dioxane	0.722	0.732		1.385	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.349		3.869	
1-Methylnaphthalene	0.644	0.639		-0.776	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BL	SDG No.:	BF030124
Lab Sample ID:	PB159365BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137452.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.3	U	77.3	270	330	ug/Kg
110-86-1	Pyridine	72.4	U	72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.4	U	74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.8	U	89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.7	U	81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.4	U	82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.8	U	98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	59	U	59	80	80	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.2	U	75.2	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95.1	U	95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.6	U	99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.1	U	78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.5	U	77.5	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.4	U	81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BL	SDG No.:	BF030124
Lab Sample ID:	PB159365BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137452.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.6	U	84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.3	U	99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	88.4	U	88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	130	170	ug/Kg
83-32-9	Acenaphthene	80.3	U	80.3	130	170	ug/Kg
Total PAH	Total PAH	1438.1	U	1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.9	U	76.9	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.9	U	189.9	130	340	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	130	170	ug/Kg
86-73-7	Fluorene	84.8	U	84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.3	U	93.3	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.4	U	97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	130	170	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.7	U	92.7	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.9	U	84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BL	SDG No.:	BF030124
Lab Sample ID:	PB159365BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137452.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.7	U	83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.9	U	83.9	130	170	ug/Kg
218-01-9	Chrysene	86.8	U	86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.3	U	80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	U	88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.3	U	94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.5	U	96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.5	U	92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.2	U	90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.429		18-112		80	SPK: -150
13127-88-3	Phenol-d6	112.976		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	78.91		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.72		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	128.347		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	69.192		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237604	6.881				
1146-65-2	Naphthalene-d8	948877	8.151				
15067-26-2	Acenaphthene-d10	521812	9.91				
1517-22-2	Phenanthrene-d10	984371	11.404				
1719-03-5	Chrysene-d12	644902	14.063				
1520-96-3	Perylene-d12	487028	15.598				



Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BL	SDG No.:	BF030124
Lab Sample ID:	PB159365BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF137452.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.175	

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BS	SDG No.:	BF030124
Lab Sample ID:	PB159365BS	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
BF137453.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		77.2	270	330	ug/Kg
110-86-1	Pyridine	1200		72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	320	J	150	270	330	ug/Kg
62-53-3	Aniline	820		120	130	170	ug/Kg
108-95-2	Phenol	1400		74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1800		98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		100	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		59	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		75.1	130	170	ug/Kg
78-59-1	Isophorone	1500		68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	1600		210	270	330	ug/Kg
91-20-3	Naphthalene	1500		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	530		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.9	130	170	ug/Kg
105-60-2	Caprolactam	1600		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BS	SDG No.:	BF030124
Lab Sample ID:	PB159365BS	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
BF137453.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3100	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	1400		80.2	130	170	ug/Kg
Total PAH	Total PAH	24400		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		90.3	130	170	ug/Kg
86-73-7	Fluorene	1400		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		93.2	130	170	ug/Kg
103-33-3	Azobenzene	1500		73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		98.7	130	170	ug/Kg
1912-24-9	Atrazine	1400		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	3000	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1400		92.6	130	170	ug/Kg
120-12-7	Anthracene	1400		100	130	170	ug/Kg
86-74-8	Carbazole	1500		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	130	170	ug/Kg
206-44-0	Fluoranthene	1400		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BS	SDG No.:	BF030124
Lab Sample ID:	PB159365BS	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
BF137453.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	660		190	270	330	ug/Kg
129-00-0	Pyrene	1500		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		83.8	130	170	ug/Kg
218-01-9	Chrysene	1500		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.504		18-112		84	SPK: -150
13127-88-3	Phenol-d6	122.96		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	86.319		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	83.077		20-109		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	144.415		10-110		96	SPK: -150
1718-51-0	Terphenyl-d14	87.764		14-112		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235794	6.881				
1146-65-2	Naphthalene-d8	944967	8.157				
15067-26-2	Acenaphthene-d10	523635	9.916				
1517-22-2	Phenanthrene-d10	934791	11.41				
1719-03-5	Chrysene-d12	488254	14.069				
1520-96-3	Perylene-d12	440898	15.604				



Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	PB159365BS	SDG No.:	BF030124
Lab Sample ID:	PB159365BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF137453.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	SP-5	SDG No.:	BF030124
Lab Sample ID:	P1639-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137454.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	48.5	U	48.5	170	210	ug/Kg
110-86-1	Pyridine	45.4	U	45.4	81.5	110	ug/Kg
100-52-7	Benzaldehyde	92.8	U	92.8	170	210	ug/Kg
62-53-3	Aniline	73.4	U	73.4	81.5	110	ug/Kg
108-95-2	Phenol	46.7	U	46.7	81.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	81.5	110	ug/Kg
95-57-8	2-Chlorophenol	45.2	U	45.2	81.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	51.2	U	51.2	81.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	81.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.7	U	51.7	81.5	110	ug/Kg
100-51-6	Benzyl Alcohol	62	U	62	170	210	ug/Kg
95-48-7	2-Methylphenol	71.5	U	71.5	81.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.9	U	65.9	81.5	110	ug/Kg
98-86-2	Acetophenone	54.4	U	54.4	81.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	67.7	U	67.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	37	U	37	50.2	50.2	ug/Kg
67-72-1	Hexachloroethane	46.2	U	46.2	81.5	110	ug/Kg
98-95-3	Nitrobenzene	47.2	U	47.2	81.5	110	ug/Kg
78-59-1	Isophorone	42.7	U	42.7	81.5	110	ug/Kg
88-75-5	2-Nitrophenol	59.7	U	59.7	81.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.5	U	62.5	81.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	70.3	U	70.3	81.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	81.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	48.6	U	48.6	81.5	110	ug/Kg
65-85-0	Benzoic acid	130	U	130	170	210	ug/Kg
91-20-3	Naphthalene	51.1	U	51.1	81.5	110	ug/Kg
106-47-8	4-Chloroaniline	65.9	U	65.9	81.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.7	U	52.7	81.5	110	ug/Kg
105-60-2	Caprolactam	73.4	U	73.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.7	U	51.7	81.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	59.5	U	59.5	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	SP-5	SDG No.:	BF030124
Lab Sample ID:	P1639-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
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
BF137454.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	U	130	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	81.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55.1	U	55.1	81.5	110	ug/Kg
92-52-4	1,1-Biphenyl	57.3	U	57.3	81.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.1	U	53.1	81.5	110	ug/Kg
88-74-4	2-Nitroaniline	62.3	U	62.3	81.5	110	ug/Kg
131-11-3	Dimethylphthalate	55.8	U	55.8	81.5	110	ug/Kg
208-96-8	Acenaphthylene	55.5	U	55.5	81.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.5	U	56.5	81.5	110	ug/Kg
99-09-2	3-Nitroaniline	58.6	U	58.6	81.5	110	ug/Kg
83-32-9	Acenaphthene	50.4	U	50.4	81.5	110	ug/Kg
Total PAH	Total PAH	901.5	U	901.5	81.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	170	210	ug/Kg
100-02-7	4-Nitrophenol	71.5	U	71.5	170	210	ug/Kg
132-64-9	Dibenzofuran	48.2	U	48.2	81.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	62.7	U	62.7	81.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	19.2	U	119.2	81.5	220	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	81.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.7	U	56.7	81.5	110	ug/Kg
86-73-7	Fluorene	53.2	U	53.2	81.5	110	ug/Kg
100-01-6	4-Nitroaniline	65.2	U	65.2	81.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55.1	U	55.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.5	U	58.5	81.5	110	ug/Kg
103-33-3	Azobenzene	46.1	U	46.1	81.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61.1	U	61.1	81.5	110	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	81.5	110	ug/Kg
1912-24-9	Atrazine	59.8	U	59.8	81.5	110	ug/Kg
87-86-5	Pentachlorophenol	69.6	U	69.6	170	210	ug/Kg
85-01-8	Phenanthrene	58.1	U	58.1	81.5	110	ug/Kg
120-12-7	Anthracene	64	U	64	81.5	110	ug/Kg
86-74-8	Carbazole	53.3	U	53.3	81.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	65.2	U	65.2	81.5	110	ug/Kg
206-44-0	Fluoranthene	59.2	U	59.2	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	SP-5	SDG No.:	BF030124
Lab Sample ID:	P1639-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
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
BF137454.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	170	210	ug/Kg
129-00-0	Pyrene	52.5	U	52.5	81.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.6	U	64.6	81.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.6	U	52.6	81.5	110	ug/Kg
218-01-9	Chrysene	54.4	U	54.4	81.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72.1	U	72.1	81.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	77.2	U	77.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.4	U	50.4	81.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.3	U	55.3	81.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.2	U	59.2	81.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67.1	U	67.1	81.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60.5	U	60.5	81.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	81.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.1	U	56.1	81.5	110	ug/Kg
123-91-1	1,4-Dioxane	73.4	U	73.4	81.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	81.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.6	U	56.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.333		18-112		56	SPK: -150
13127-88-3	Phenol-d6	80.028		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	53.236		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	58.906		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	69.797		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	46.375		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149488	6.863				
1146-65-2	Naphthalene-d8	588654	8.14				
15067-26-2	Acenaphthene-d10	314046	9.892				
1517-22-2	Phenanthrene-d10	500570	11.392				
1719-03-5	Chrysene-d12	339709	14.051				
1520-96-3	Perylene-d12	294932	15.58				



Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	SP-5	SDG No.:	BF030124
Lab Sample ID:	P1639-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
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
BF137454.D	1	2/29/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	540	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	56.5	A			5.116	
000057-10-3	n-Hexadecanoic acid	45.6	J			11.933	
1000406-41-0	Butyl hexacosyl ether	65.7	J			13.916	
007683-64-9	Supraene	44.3	J			14.945	

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294	SDG No.:	BF030124
Lab Sample ID:	P1653-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137455.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.2	U	53.2	190	230	ug/Kg
110-86-1	Pyridine	49.8	U	49.8	89.4	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	80.5	U	80.5	89.4	120	ug/Kg
108-95-2	Phenol	51.2	U	51.2	89.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.8	U	61.8	89.4	120	ug/Kg
95-57-8	2-Chlorophenol	49.5	U	49.5	89.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.2	U	56.2	89.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.9	U	60.9	89.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	U	56.7	89.4	120	ug/Kg
100-51-6	Benzyl Alcohol	68	U	68	190	230	ug/Kg
95-48-7	2-Methylphenol	78.4	U	78.4	89.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72.2	U	72.2	89.4	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	74.3	U	74.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.6	U	40.6	55	55	ug/Kg
67-72-1	Hexachloroethane	50.6	U	50.6	89.4	120	ug/Kg
98-95-3	Nitrobenzene	51.7	U	51.7	89.4	120	ug/Kg
78-59-1	Isophorone	46.8	U	46.8	89.4	120	ug/Kg
88-75-5	2-Nitrophenol	65.4	U	65.4	89.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.5	U	68.5	89.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	77	U	77	89.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.7	U	53.7	89.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.3	U	53.3	89.4	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56	U	56	89.4	120	ug/Kg
106-47-8	4-Chloroaniline	72.2	U	72.2	89.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.8	U	57.8	89.4	120	ug/Kg
105-60-2	Caprolactam	80.5	U	80.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.7	U	56.7	89.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	65.3	U	65.3	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294	SDG No.:	BF030124
Lab Sample ID:	P1653-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137455.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	89.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60.5	U	60.5	89.4	120	ug/Kg
92-52-4	1,1-Biphenyl	62.8	U	62.8	89.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.2	U	58.2	89.4	120	ug/Kg
88-74-4	2-Nitroaniline	68.3	U	68.3	89.4	120	ug/Kg
131-11-3	Dimethylphthalate	61.1	U	61.1	89.4	120	ug/Kg
208-96-8	Acenaphthylene	60.8	U	60.8	89.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.9	U	61.9	89.4	120	ug/Kg
99-09-2	3-Nitroaniline	64.2	U	64.2	89.4	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	89.4	120	ug/Kg
Total PAH	Total PAH	988.5	U	988.5	89.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	190	230	ug/Kg
100-02-7	4-Nitrophenol	78.4	U	78.4	190	230	ug/Kg
132-64-9	Dibenzofuran	52.9	U	52.9	89.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	30.6	U	130.6	89.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.7	U	68.7	89.4	120	ug/Kg
84-66-2	Diethylphthalate	59.1	U	59.1	89.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.2	U	62.2	89.4	120	ug/Kg
86-73-7	Fluorene	58.3	U	58.3	89.4	120	ug/Kg
100-01-6	4-Nitroaniline	71.5	U	71.5	89.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60.4	U	60.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	64.2	U	64.2	89.4	120	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	89.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	89.4	120	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	89.4	120	ug/Kg
1912-24-9	Atrazine	65.6	U	65.6	89.4	120	ug/Kg
87-86-5	Pentachlorophenol	76.3	U	76.3	190	230	ug/Kg
85-01-8	Phenanthrene	63.8	U	63.8	89.4	120	ug/Kg
120-12-7	Anthracene	70.2	U	70.2	89.4	120	ug/Kg
86-74-8	Carbazole	58.4	U	58.4	89.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	71.5	U	71.5	89.4	120	ug/Kg
206-44-0	Fluoranthene	64.9	U	64.9	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294	SDG No.:	BF030124
Lab Sample ID:	P1653-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF137455.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	57.6	U	57.6	89.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.8	U	70.8	89.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	57.7	U	57.7	89.4	120	ug/Kg
218-01-9	Chrysene	59.7	U	59.7	89.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79.1	U	79.1	89.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	84.6	U	84.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.2	U	55.2	89.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.6	U	60.6	89.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.9	U	64.9	89.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73.6	U	73.6	89.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66.4	U	66.4	89.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.6	U	63.6	89.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.5	U	61.5	89.4	120	ug/Kg
123-91-1	1,4-Dioxane	80.5	U	80.5	89.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	89.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	62	U	62	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.435		18-112		58	SPK: -150
13127-88-3	Phenol-d6	78.604		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.017		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	58.901		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	68.467		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	38.968		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169476	6.869				
1146-65-2	Naphthalene-d8	651870	8.14				
15067-26-2	Acenaphthene-d10	337489	9.898				
1517-22-2	Phenanthrene-d10	498679	11.392				
1719-03-5	Chrysene-d12	375477	14.051				
1520-96-3	Perylene-d12	348119	15.58				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294	SDG No.:	BF030124
Lab Sample ID:	P1653-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF137455.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J			2.152	
004254-15-3	(S)-(+)-1,2-Propanediol	78.4	J			3.499	
	unknown10.004	310	J			10.004	
000057-10-3	n-Hexadecanoic acid	75.7	J			11.939	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	64.4	J			12.839	
1000351-83-3	Hexacosyl heptafluorobutyrate	71.3	J			13.916	

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MS	SDG No.:	BF030124
Lab Sample ID:	P1653-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137456.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		53.2	190	230	ug/Kg
110-86-1	Pyridine	900		49.8	89.5	120	ug/Kg
100-52-7	Benzaldehyde	1200		100	190	230	ug/Kg
62-53-3	Aniline	640		80.5	89.5	120	ug/Kg
108-95-2	Phenol	1000		51.2	89.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		61.8	89.5	120	ug/Kg
95-57-8	2-Chlorophenol	1000		49.6	89.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.2	89.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		60.9	89.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		56.7	89.5	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		68	190	230	ug/Kg
95-48-7	2-Methylphenol	900		78.5	89.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		72.3	89.5	120	ug/Kg
98-86-2	Acetophenone	1000		59.7	89.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	930		74.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		40.6	55.1	55.1	ug/Kg
67-72-1	Hexachloroethane	1100		50.7	89.5	120	ug/Kg
98-95-3	Nitrobenzene	1000		51.8	89.5	120	ug/Kg
78-59-1	Isophorone	1000		46.9	89.5	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65.5	89.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	830		68.6	89.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		77.1	89.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		53.8	89.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		53.4	89.5	120	ug/Kg
65-85-0	Benzoic acid	870		150	190	230	ug/Kg
91-20-3	Naphthalene	990		56	89.5	120	ug/Kg
106-47-8	4-Chloroaniline	250		72.3	89.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57.8	89.5	120	ug/Kg
105-60-2	Caprolactam	980		80.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		56.8	89.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	960		65.3	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MS	SDG No.:	BF030124
Lab Sample ID:	P1653-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF137456.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1700		140	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		53.1	89.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		60.5	89.5	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		62.9	89.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		58.2	89.5	120	ug/Kg
88-74-4	2-Nitroaniline	1000		68.4	89.5	120	ug/Kg
131-11-3	Dimethylphthalate	1000		61.2	89.5	120	ug/Kg
208-96-8	Acenaphthylene	1000		60.9	89.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		62	89.5	120	ug/Kg
99-09-2	3-Nitroaniline	570		64.3	89.5	120	ug/Kg
83-32-9	Acenaphthene	970		55.3	89.5	120	ug/Kg
Total PAH	Total PAH	15450		989.5	89.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		120	190	230	ug/Kg
100-02-7	4-Nitrophenol	1700		78.5	190	230	ug/Kg
132-64-9	Dibenzofuran	970		52.9	89.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		130.8	89.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		68.8	89.5	120	ug/Kg
84-66-2	Diethylphthalate	1000		59.1	89.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		62.2	89.5	120	ug/Kg
86-73-7	Fluorene	930		58.4	89.5	120	ug/Kg
100-01-6	4-Nitroaniline	830		71.6	89.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	940		60.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		64.2	89.5	120	ug/Kg
103-33-3	Azobenzene	970		50.6	89.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		67.1	89.5	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		68	89.5	120	ug/Kg
1912-24-9	Atrazine	1100		65.7	89.5	120	ug/Kg
87-86-5	Pentachlorophenol	1900	E	76.4	190	230	ug/Kg
85-01-8	Phenanthrene	1000		63.8	89.5	120	ug/Kg
120-12-7	Anthracene	1000		70.2	89.5	120	ug/Kg
86-74-8	Carbazole	990		58.4	89.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		71.6	89.5	120	ug/Kg
206-44-0	Fluoranthene	1000		65	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MS	SDG No.:	BF030124
Lab Sample ID:	P1653-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF137456.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1400		130	190	230	ug/Kg
129-00-0	Pyrene	820		57.6	89.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		70.9	89.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		57.8	89.5	120	ug/Kg
218-01-9	Chrysene	1100		59.8	89.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		79.2	89.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		84.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.3	89.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		60.7	89.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.9	89.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740		73.7	89.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	740		66.4	89.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		63.7	89.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		61.5	89.5	120	ug/Kg
123-91-1	1,4-Dioxane	970		80.5	89.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		57.1	89.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	950		62.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.448		18-112		57	SPK: -150
13127-88-3	Phenol-d6	79.674		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	56.259		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.3		20-109		58	SPK: -100
118-79-6	2,4,6-Tribromophenol	75.601		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	42.645		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184232	6.869				
1146-65-2	Naphthalene-d8	707501	8.14				
15067-26-2	Acenaphthene-d10	369862	9.898				
1517-22-2	Phenanthrene-d10	549301	11.392				
1719-03-5	Chrysene-d12	375688	14.057				
1520-96-3	Perylene-d12	365535	15.586				



Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MS	SDG No.:	BF030124
Lab Sample ID:	P1653-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF137456.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MSD	SDG No.:	BF030124
Lab Sample ID:	P1653-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137457.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		53.2	190	230	ug/Kg
110-86-1	Pyridine	880		49.8	89.5	120	ug/Kg
100-52-7	Benzaldehyde	1200		100	190	230	ug/Kg
62-53-3	Aniline	680		80.5	89.5	120	ug/Kg
108-95-2	Phenol	1000		51.2	89.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		61.8	89.5	120	ug/Kg
95-57-8	2-Chlorophenol	1100		49.5	89.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.2	89.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		60.9	89.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		56.7	89.5	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		68	190	230	ug/Kg
95-48-7	2-Methylphenol	920		78.5	89.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		72.3	89.5	120	ug/Kg
98-86-2	Acetophenone	1100		59.7	89.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	920		74.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		40.6	55.1	55.1	ug/Kg
67-72-1	Hexachloroethane	1100		50.6	89.5	120	ug/Kg
98-95-3	Nitrobenzene	1000		51.8	89.5	120	ug/Kg
78-59-1	Isophorone	1000		46.9	89.5	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65.4	89.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	850		68.5	89.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		77.1	89.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		53.7	89.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		53.3	89.5	120	ug/Kg
65-85-0	Benzoic acid	890		150	190	230	ug/Kg
91-20-3	Naphthalene	1000		56	89.5	120	ug/Kg
106-47-8	4-Chloroaniline	260		72.3	89.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57.8	89.5	120	ug/Kg
105-60-2	Caprolactam	990		80.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		56.8	89.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	960		65.3	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MSD	SDG No.:	BF030124
Lab Sample ID:	P1653-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF137457.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1800		140	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		53.1	89.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		60.5	89.5	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		62.8	89.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58.2	89.5	120	ug/Kg
88-74-4	2-Nitroaniline	1100		68.3	89.5	120	ug/Kg
131-11-3	Dimethylphthalate	1100		61.2	89.5	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.8	89.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		61.9	89.5	120	ug/Kg
99-09-2	3-Nitroaniline	610		64.3	89.5	120	ug/Kg
83-32-9	Acenaphthene	1000		55.3	89.5	120	ug/Kg
Total PAH	Total PAH	16150		989	89.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		120	190	230	ug/Kg
100-02-7	4-Nitrophenol	1700		78.5	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		52.9	89.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		68.7	89.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		130.6	89.5	240	ug/Kg
84-66-2	Diethylphthalate	1000		59.1	89.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		62.2	89.5	120	ug/Kg
86-73-7	Fluorene	940		58.4	89.5	120	ug/Kg
100-01-6	4-Nitroaniline	800		71.6	89.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		60.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		64.2	89.5	120	ug/Kg
103-33-3	Azobenzene	980		50.6	89.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		67	89.5	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		68	89.5	120	ug/Kg
1912-24-9	Atrazine	1200		65.7	89.5	120	ug/Kg
87-86-5	Pentachlorophenol	2000	E	76.4	190	230	ug/Kg
85-01-8	Phenanthrene	1100		63.8	89.5	120	ug/Kg
120-12-7	Anthracene	1100		70.2	89.5	120	ug/Kg
86-74-8	Carbazole	1100		58.4	89.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		71.6	89.5	120	ug/Kg
206-44-0	Fluoranthene	1100		65	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MSD	SDG No.:	BF030124
Lab Sample ID:	P1653-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137457.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1500		130	190	230	ug/Kg
129-00-0	Pyrene	810		57.6	89.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		70.9	89.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		57.7	89.5	120	ug/Kg
218-01-9	Chrysene	1100		59.7	89.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		79.1	89.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		84.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		55.3	89.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		60.6	89.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.9	89.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	760		73.6	89.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750		66.4	89.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	690		63.7	89.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		61.5	89.5	120	ug/Kg
123-91-1	1,4-Dioxane	930		80.5	89.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		57	89.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		62.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.948		18-112		61	SPK: -150
13127-88-3	Phenol-d6	83.688		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	61.496		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	64.398		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	78.632		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	43.856		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186746	6.869				
1146-65-2	Naphthalene-d8	699898	8.145				
15067-26-2	Acenaphthene-d10	347814	9.898				
1517-22-2	Phenanthrene-d10	490183	11.392				
1719-03-5	Chrysene-d12	379092	14.057				
1520-96-3	Perylene-d12	361429	15.586				



Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	294MSD	SDG No.:	BF030124
Lab Sample ID:	P1653-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF137457.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137458.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.3	U	53.3	190	230	ug/Kg
110-86-1	Pyridine	49.9	U	49.9	89.7	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	80.7	U	80.7	89.7	120	ug/Kg
108-95-2	Phenol	51.3	U	51.3	89.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62	U	62	89.7	120	ug/Kg
95-57-8	2-Chlorophenol	49.7	U	49.7	89.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.4	U	56.4	89.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.1	U	61.1	89.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.8	U	56.8	89.7	120	ug/Kg
100-51-6	Benzyl Alcohol	68.2	U	68.2	190	230	ug/Kg
95-48-7	2-Methylphenol	78.6	U	78.6	89.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72.4	U	72.4	89.7	120	ug/Kg
98-86-2	Acetophenone	59.8	U	59.8	89.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	74.5	U	74.5	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.7	U	40.7	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	50.8	U	50.8	89.7	120	ug/Kg
98-95-3	Nitrobenzene	51.9	U	51.9	89.7	120	ug/Kg
78-59-1	Isophorone	47	U	47	89.7	120	ug/Kg
88-75-5	2-Nitrophenol	65.6	U	65.6	89.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.7	U	68.7	89.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	77.3	U	77.3	89.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.9	U	53.9	89.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.5	U	53.5	89.7	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56.2	U	56.2	89.7	120	ug/Kg
106-47-8	4-Chloroaniline	72.4	U	72.4	89.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	89.7	120	ug/Kg
105-60-2	Caprolactam	80.7	U	80.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.9	U	56.9	89.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	65.5	U	65.5	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137458.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.2	U	53.2	89.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60.6	U	60.6	89.7	120	ug/Kg
92-52-4	1,1-Biphenyl	63	U	63	89.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.4	U	58.4	89.7	120	ug/Kg
88-74-4	2-Nitroaniline	68.5	U	68.5	89.7	120	ug/Kg
131-11-3	Dimethylphthalate	61.3	U	61.3	89.7	120	ug/Kg
208-96-8	Acenaphthylene	61	U	61	89.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.1	U	62.1	89.7	120	ug/Kg
99-09-2	3-Nitroaniline	64.4	U	64.4	89.7	120	ug/Kg
83-32-9	Acenaphthene	55.4	U	55.4	89.7	120	ug/Kg
Total PAH	Total PAH	991.6	U	991.6	89.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	190	230	ug/Kg
100-02-7	4-Nitrophenol	78.6	U	78.6	190	230	ug/Kg
132-64-9	Dibenzofuran	53.1	U	53.1	89.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	31	U	131	89.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.9	U	68.9	89.7	120	ug/Kg
84-66-2	Diethylphthalate	59.3	U	59.3	89.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.4	U	62.4	89.7	120	ug/Kg
86-73-7	Fluorene	58.5	U	58.5	89.7	120	ug/Kg
100-01-6	4-Nitroaniline	71.7	U	71.7	89.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60.6	U	60.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	64.4	U	64.4	89.7	120	ug/Kg
103-33-3	Azobenzene	50.7	U	50.7	89.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.2	U	67.2	89.7	120	ug/Kg
118-74-1	Hexachlorobenzene	68.2	U	68.2	89.7	120	ug/Kg
1912-24-9	Atrazine	65.8	U	65.8	89.7	120	ug/Kg
87-86-5	Pentachlorophenol	76.6	U	76.6	190	230	ug/Kg
85-01-8	Phenanthrene	64	U	64	89.7	120	ug/Kg
120-12-7	Anthracene	70.4	U	70.4	89.7	120	ug/Kg
86-74-8	Carbazole	58.6	U	58.6	89.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	71.7	U	71.7	89.7	120	ug/Kg
206-44-0	Fluoranthene	65.1	U	65.1	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
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
BF137458.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	57.7	U	57.7	89.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.1	U	71.1	89.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	57.9	U	57.9	89.7	120	ug/Kg
218-01-9	Chrysene	59.9	U	59.9	89.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79.3	U	79.3	89.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	84.9	U	84.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.4	U	55.4	89.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.8	U	60.8	89.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	89.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73.8	U	73.8	89.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66.6	U	66.6	89.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.8	U	63.8	89.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.7	U	61.7	89.7	120	ug/Kg
123-91-1	1,4-Dioxane	80.7	U	80.7	89.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.2	U	57.2	89.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	62.2	U	62.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.372		18-112		61	SPK: -150
13127-88-3	Phenol-d6	82.824		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	59.43		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	65.723		20-109		66	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.261		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	38.748		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174722	6.869				
1146-65-2	Naphthalene-d8	652116	8.139				
15067-26-2	Acenaphthene-d10	315073	9.898				
1517-22-2	Phenanthrene-d10	468777	11.392				
1719-03-5	Chrysene-d12	402532	14.051				
1520-96-3	Perylene-d12	333840	15.58				



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Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
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
BF137458.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	740	J			2.175	
000057-10-3	n-Hexadecanoic acid	51.3	J			11.939	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	61.6	J			13.91	
	unknown14.268	84.4	J			14.268	
007683-64-9	Supraene	490	J			14.951	

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137459.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.6	U	53.6	190	230	ug/Kg
110-86-1	Pyridine	50.2	U	50.2	90.2	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	81.2	U	81.2	90.2	120	ug/Kg
108-95-2	Phenol	51.6	U	51.6	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.3	U	62.3	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.7	U	56.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.4	U	61.4	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	68.6	U	68.6	190	230	ug/Kg
95-48-7	2-Methylphenol	79.1	U	79.1	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72.9	U	72.9	90.2	120	ug/Kg
98-86-2	Acetophenone	60.2	U	60.2	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	74.9	U	74.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.9	U	40.9	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	51.1	U	51.1	90.2	120	ug/Kg
98-95-3	Nitrobenzene	52.2	U	52.2	90.2	120	ug/Kg
78-59-1	Isophorone	47.3	U	47.3	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.1	U	69.1	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	77.7	U	77.7	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.2	U	54.2	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.8	U	53.8	90.2	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56.5	U	56.5	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	72.9	U	72.9	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	90.2	120	ug/Kg
105-60-2	Caprolactam	81.2	U	81.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.2	U	57.2	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	65.9	U	65.9	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137459.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.5	U	53.5	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	63.4	U	63.4	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.7	U	58.7	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	68.9	U	68.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	61.7	U	61.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	61.3	U	61.3	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.5	U	62.5	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	64.8	U	64.8	90.2	120	ug/Kg
83-32-9	Acenaphthene	55.7	U	55.7	90.2	120	ug/Kg
Total PAH	Total PAH	997	U	997	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.1	U	79.1	190	230	ug/Kg
132-64-9	Dibenzofuran	53.4	U	53.4	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	31.8	U	131.8	90.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	69.3	U	69.3	90.2	120	ug/Kg
84-66-2	Diethylphthalate	59.6	U	59.6	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.7	U	62.7	90.2	120	ug/Kg
86-73-7	Fluorene	58.8	U	58.8	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60.9	U	60.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	64.7	U	64.7	90.2	120	ug/Kg
103-33-3	Azobenzene	51	U	51	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.6	U	67.6	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	68.6	U	68.6	90.2	120	ug/Kg
1912-24-9	Atrazine	66.2	U	66.2	90.2	120	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	190	230	ug/Kg
85-01-8	Phenanthrene	64.3	U	64.3	90.2	120	ug/Kg
120-12-7	Anthracene	70.8	U	70.8	90.2	120	ug/Kg
86-74-8	Carbazole	58.9	U	58.9	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	72.2	U	72.2	90.2	120	ug/Kg
206-44-0	Fluoranthene	65.5	U	65.5	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137459.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.5	U	71.5	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	58.2	U	58.2	90.2	120	ug/Kg
218-01-9	Chrysene	60.2	U	60.2	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79.8	U	79.8	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	85.3	U	85.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.7	U	55.7	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.1	U	61.1	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.4	U	65.4	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.2	U	74.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.2	U	64.2	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	81.2	U	81.2	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.5	U	57.5	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	62.6	U	62.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.332		18-112		60	SPK: -150
13127-88-3	Phenol-d6	83.137		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	58.335		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	63.244		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	75.551		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	40.562		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186681	6.869				
1146-65-2	Naphthalene-d8	698360	8.139				
15067-26-2	Acenaphthene-d10	352956	9.898				
1517-22-2	Phenanthrene-d10	514017	11.392				
1719-03-5	Chrysene-d12	401313	14.051				
1520-96-3	Perylene-d12	346277	15.586				



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Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137459.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159386

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	650	J			2.175	
004254-15-3	(S)-(+)-1,2-Propanediol	180	J			3.522	
000770-35-4	1-Phenoxypropan-2-ol	47.9	J			8.463	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	81.9	J			9.339	
	unknown10.016	2200	J			10.016	
000057-10-3	n-Hexadecanoic acid	90.2	J			11.939	
1000351-83-5	Eicosyl heptafluorobutyrate	77.7	J			13.91	
007683-64-9	Supraene	100	J			14.951	

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF030124
Lab Sample ID:	P1602-03	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
BF137460.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF030124
Lab Sample ID:	P1602-03	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
BF137460.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF030124
Lab Sample ID:	P1602-03	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
BF137460.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.771		10-139		87	SPK: -150
13127-88-3	Phenol-d6	110.739		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	90.583		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	94.732		52-132		95	SPK: -100
118-79-6	2,4,6-Tribromophenol	121.596		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	66.87		36-145		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172719	6.869				
1146-65-2	Naphthalene-d8	655675	8.139				
15067-26-2	Acenaphthene-d10	332711	9.898				
1517-22-2	Phenanthrene-d10	485513	11.392				
1719-03-5	Chrysene-d12	387902	14.051				
1520-96-3	Perylene-d12	317332	15.586				

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF030124
Lab Sample ID:	P1602-03	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
BF137460.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BF030124
Lab Sample ID:	P1602-03MS	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
BF137461.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		20.2	80	100	ug/L
110-86-1	Pyridine	330		17.8	40	50	ug/L
100-52-7	Benzaldehyde	36.5	J	32.8	80	100	ug/L
62-53-3	Aniline	240		24.2	40	50	ug/L
108-95-2	Phenol	380		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	440		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	460		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	470		23.8	80	100	ug/L
95-48-7	2-Methylphenol	390		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	430		22.6	40	50	ug/L
98-86-2	Acetophenone	460		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	390		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	410		19.8	25	25	ug/L
67-72-1	Hexachloroethane	450		16.4	40	50	ug/L
98-95-3	Nitrobenzene	450		17.2	40	50	ug/L
78-59-1	Isophorone	450		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	470		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	390		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	460		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		17	40	50	ug/L
65-85-0	Benzoic acid	200		66.5	80	100	ug/L
91-20-3	Naphthalene	440		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	90.4		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	460		19.3	40	50	ug/L
105-60-2	Caprolactam	380		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	430		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	420		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BF030124
Lab Sample ID:	P1602-03MS	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
BF137461.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	720		57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	480		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	480		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	480		18.8	40	50	ug/L
208-96-8	Acenaphthylene	480		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		21	40	50	ug/L
99-09-2	3-Nitroaniline	260		23.6	40	50	ug/L
83-32-9	Acenaphthene	450		17.2	40	50	ug/L
Total PAH	Total PAH	7100		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	370		54.5	80	100	ug/L
100-02-7	4-Nitrophenol	710		28	80	100	ug/L
132-64-9	Dibenzofuran	460		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	930		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	460		25.4	40	50	ug/L
84-66-2	Diethylphthalate	470		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		22.2	40	50	ug/L
86-73-7	Fluorene	430		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	380		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	280		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		19.5	40	50	ug/L
103-33-3	Azobenzene	450		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	500		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	520		19.1	40	50	ug/L
1912-24-9	Atrazine	530		35	40	50	ug/L
87-86-5	Pentachlorophenol	760		25.5	80	100	ug/L
85-01-8	Phenanthrene	480		20	40	50	ug/L
120-12-7	Anthracene	480		22.8	40	50	ug/L
86-74-8	Carbazole	480		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		24	40	50	ug/L
206-44-0	Fluoranthene	460		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BF030124
Lab Sample ID:	P1602-03MS	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
BF137461.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	340		65.8	80	100	ug/L
129-00-0	Pyrene	360		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	460		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	360		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	480		14.5	40	50	ug/L
218-01-9	Chrysene	470		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	550		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	580		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	590		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	500		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	480		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	340		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	350		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	310		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	390		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	450		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.858		10-139		80	SPK: -150
13127-88-3	Phenol-d6	104.455		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	85.713		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	89.478		52-132		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	121.493		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	68.818		36-145		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186055	6.875				
1146-65-2	Naphthalene-d8	704204	8.145				
15067-26-2	Acenaphthene-d10	352977	9.904				
1517-22-2	Phenanthrene-d10	515649	11.398				
1719-03-5	Chrysene-d12	373285	14.057				
1520-96-3	Perylene-d12	348222	15.592				

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BF030124
Lab Sample ID:	P1602-03MS	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
BF137461.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BF030124
Lab Sample ID:	P1602-03MSD	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
BF137462.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490		20.2	80	100	ug/L
110-86-1	Pyridine	340		17.8	40	50	ug/L
100-52-7	Benzaldehyde	42.8	J	32.8	80	100	ug/L
62-53-3	Aniline	260		24.2	40	50	ug/L
108-95-2	Phenol	400		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	460		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	480		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	470		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	490		23.8	80	100	ug/L
95-48-7	2-Methylphenol	400		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	450		22.6	40	50	ug/L
98-86-2	Acetophenone	490		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	410		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	430		19.8	25	25	ug/L
67-72-1	Hexachloroethane	470		16.4	40	50	ug/L
98-95-3	Nitrobenzene	480		17.2	40	50	ug/L
78-59-1	Isophorone	470		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	500		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	400		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	480		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		17	40	50	ug/L
65-85-0	Benzoic acid	210		66.5	80	100	ug/L
91-20-3	Naphthalene	460		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	110		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	490		19.3	40	50	ug/L
105-60-2	Caprolactam	400		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	450		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BF030124
Lab Sample ID:	P1602-03MSD	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
BF137462.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	740		57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	510		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	510		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	520		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	490		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	490		18.8	40	50	ug/L
208-96-8	Acenaphthylene	510		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		21	40	50	ug/L
99-09-2	3-Nitroaniline	260		23.6	40	50	ug/L
83-32-9	Acenaphthene	470		17.2	40	50	ug/L
Total PAH	Total PAH	7440		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	380		54.5	80	100	ug/L
100-02-7	4-Nitrophenol	750		28	80	100	ug/L
132-64-9	Dibenzofuran	480		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	480		25.4	40	50	ug/L
84-66-2	Diethylphthalate	490		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		22.2	40	50	ug/L
86-73-7	Fluorene	450		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	430		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	290		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	520		19.5	40	50	ug/L
103-33-3	Azobenzene	470		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	520		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	530		19.1	40	50	ug/L
1912-24-9	Atrazine	540		35	40	50	ug/L
87-86-5	Pentachlorophenol	790		25.5	80	100	ug/L
85-01-8	Phenanthrene	490		20	40	50	ug/L
120-12-7	Anthracene	490		22.8	40	50	ug/L
86-74-8	Carbazole	490		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		24	40	50	ug/L
206-44-0	Fluoranthene	490		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BF030124
Lab Sample ID:	P1602-03MSD	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
BF137462.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	390		65.8	80	100	ug/L
129-00-0	Pyrene	380		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	490		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	380		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		14.5	40	50	ug/L
218-01-9	Chrysene	500		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	580		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	600		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	600		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	550		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	500		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	360		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	370		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	330		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	410		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.901		10-139		83	SPK: -150
13127-88-3	Phenol-d6	108.102		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	89.986		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	94.186		52-132		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	129.418		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	72.541		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173167	6.875				
1146-65-2	Naphthalene-d8	644107	8.145				
15067-26-2	Acenaphthene-d10	325988	9.904				
1517-22-2	Phenanthrene-d10	493446	11.398				
1719-03-5	Chrysene-d12	357230	14.063				
1520-96-3	Perylene-d12	333340	15.592				

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-1MSD	SDG No.:	BF030124
Lab Sample ID:	P1602-03MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137462.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF030124
Lab Sample ID:	P1602-06	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
BF137463.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF030124
Lab Sample ID:	P1602-06	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
BF137463.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF030124
Lab Sample ID:	P1602-06	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
BF137463.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.433		10-139		85	SPK: -150
13127-88-3	Phenol-d6	107.883		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	89.837		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	90.387		52-132		90	SPK: -100
118-79-6	2,4,6-Tribromophenol	124.364		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	71.064		36-145		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189805	6.875				
1146-65-2	Naphthalene-d8	726291	8.145				
15067-26-2	Acenaphthene-d10	373192	9.898				
1517-22-2	Phenanthrene-d10	546937	11.392				
1719-03-5	Chrysene-d12	394999	14.057				
1520-96-3	Perylene-d12	312252	15.586				

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF030124
Lab Sample ID:	P1602-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137463.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF030124
Lab Sample ID:	P1602-09	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
BF137464.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF030124
Lab Sample ID:	P1602-09	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
BF137464.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF030124
Lab Sample ID:	P1602-09	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
BF137464.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.104		10-139		87	SPK: -150
13127-88-3	Phenol-d6	113.418		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	91.485		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	95.151		52-132		95	SPK: -100
118-79-6	2,4,6-Tribromophenol	128.955		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	72.219		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169079	6.875				
1146-65-2	Naphthalene-d8	659360	8.139				
15067-26-2	Acenaphthene-d10	332080	9.898				
1517-22-2	Phenanthrene-d10	499322	11.392				
1719-03-5	Chrysene-d12	369210	14.057				
1520-96-3	Perylene-d12	286328	15.586				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF030124
Lab Sample ID:	P1602-09	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
BF137464.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF030124
Lab Sample ID:	P1602-12	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
BF137465.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF030124
Lab Sample ID:	P1602-12	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
BF137465.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF030124
Lab Sample ID:	P1602-12	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
BF137465.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.726		10-139		85	SPK: -150
13127-88-3	Phenol-d6	110.653		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	85.749		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	90.298		52-132		90	SPK: -100
118-79-6	2,4,6-Tribromophenol	118.742		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	71.005		36-145		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170315	6.875				
1146-65-2	Naphthalene-d8	663601	8.145				
15067-26-2	Acenaphthene-d10	341360	9.904				
1517-22-2	Phenanthrene-d10	502577	11.398				
1719-03-5	Chrysene-d12	358673	14.057				
1520-96-3	Perylene-d12	271995	15.592				

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF030124
Lab Sample ID:	P1602-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BF137465.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-04	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
BF137466.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-04	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
BF137466.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-04	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
BF137466.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		10-139		73	SPK: -150
13127-88-3	Phenol-d6	89.109		10-134		59	SPK: -150
4165-60-0	Nitrobenzene-d5	79.274		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	83.788		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	101.973		32-145		68	SPK: -150
1718-51-0	Terphenyl-d14	62.159		36-145		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175118	6.875				
1146-65-2	Naphthalene-d8	662446	8.145				
15067-26-2	Acenaphthene-d10	338838	9.904				
1517-22-2	Phenanthrene-d10	492647	11.398				
1719-03-5	Chrysene-d12	383347	14.057				
1520-96-3	Perylene-d12	283960	15.592				



Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-16	SDG No.:	BF030124
Lab Sample ID:	P1659-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :
		GPC Cleanup :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137466.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-08	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
BF137467.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-08	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
BF137467.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-08	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
BF137467.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	111.428		10-139		74	SPK: -150
13127-88-3	Phenol-d6	92.864		10-134		62	SPK: -150
4165-60-0	Nitrobenzene-d5	76.54		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	85.807		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	103.845		32-145		69	SPK: -150
1718-51-0	Terphenyl-d14	63.105		36-145		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173946	6.875				
1146-65-2	Naphthalene-d8	666929	8.145				
15067-26-2	Acenaphthene-d10	333587	9.904				
1517-22-2	Phenanthrene-d10	503160	11.398				
1719-03-5	Chrysene-d12	378812	14.057				
1520-96-3	Perylene-d12	275881	15.592				



Report of Analysis

Client:		Date Collected:	2/29/2024 12:00:00 AM
Project:		Date Received:	2/29/2024 12:00:00 AM
Client Sample ID:	TP-7	SDG No.:	BF030124
Lab Sample ID:	P1659-08	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
BF137467.D	1	3/1/2024 12:00:00 AM	3/1/2024 12:00:00 AM	PB159389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Hit Summary Sheet

SW-846

SDG No.: BF030124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SP-5								
P1639-01	SP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	56.500	A			
P1639-01	SP-5	Solid	Butane, 2-methoxy-2-methyl- *	540.000	J			
P1639-01	SP-5	Solid	Butyl hexacosyl ether *	65.700	J			
P1639-01	SP-5	Solid	n-Hexadecanoic acid *	45.600	J			
P1639-01	SP-5	Solid	Supraene *	44.300	J			
Total Tics :					752.10			
Total Concentration:					752.10			
Client ID : 294								
P1653-01	294	Solid	(S)-(+)-1,2-Propanediol *	78.400	J			
P1653-01	294	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	64.400	J			
P1653-01	294	Solid	Butane, 2-methoxy-2-methyl- *	640.000	J			
P1653-01	294	Solid	Hexacosyl heptafluorobutyrate *	71.300	J			
P1653-01	294	Solid	n-Hexadecanoic acid *	75.700	J			
P1653-01	294	Solid	unknown10.004 *	310.000	J			
Total Tics :					1,239.80			
Total Concentration:					1,239.80			
Client ID : TP-16								
P1659-01	TP-16	Solid	Butane, 2-methoxy-2-methyl- *	740.000	J			
P1659-01	TP-16	Solid	Ethanol, 2-(tetradecyloxy)- *	61.600	J			
P1659-01	TP-16	Solid	n-Hexadecanoic acid *	51.300	J			
P1659-01	TP-16	Solid	Supraene *	490.000	J			
P1659-01	TP-16	Solid	unknown14.268 *	84.400	J			
Total Tics :					1,427.30			
Total Concentration:					1,427.30			
Client ID : TP-7								
P1659-05	TP-7	Solid	(S)-(+)-1,2-Propanediol *	180.000	J			
P1659-05	TP-7	Solid	1-Phenoxypropan-2-ol *	47.900	J			
P1659-05	TP-7	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	81.900	J			
P1659-05	TP-7	Solid	Butane, 2-methoxy-2-methyl- *	650.000	J			
P1659-05	TP-7	Solid	Eicosyl heptafluorobutyrate *	77.700	J			
P1659-05	TP-7	Solid	n-Hexadecanoic acid *	90.200	J			
P1659-05	TP-7	Solid	Supraene *	100.000	J			
P1659-05	TP-7	Solid	unknown10.016 *	2,200.000	J			
Total Tics :					3,427.70			
Total Concentration:					3,427.70			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID:

Calibration Date(s): 2/29/2024 :

Calibration Time(s): 12:44

LAB FILE ID:		RRF2.5 = BF137439.D			RRF005 = BF137440.D		RRF010 = BF137441.D	
		RRF020 = BF137442.D			RRF040 = BF137443.D		RRF050 = BF137444.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.425	0.628	0.700	0.710	0.652	17.9
Pyridine		1.361	1.529	1.895	1.910	1.832	1.741	12.2
2-Fluorophenol		1.221	1.350	1.475	1.380	1.318	1.321	7.1
Benzaldehyde		0.824	0.936	1.041	1.001	0.950	0.934	8.1
Aniline		2.090	2.322	2.553	2.462	2.343	2.329	6.8
Phenol-d6		1.987	2.007	2.095	1.924	1.832	1.906	7.4
Phenol		2.046	2.142	2.271	2.125	2.004	2.052	7.5
bis(2-Chloroethyl)ether		1.600	1.380	1.546	1.577	1.523	1.503	5.4
2-Chlorophenol		1.432	1.462	1.537	1.417	1.354	1.393	7.4
1,2-Dichlorobenzene		1.533	1.522	1.553	1.399	1.334	1.398	10.6
1,3-Dichlorobenzene		1.559	1.559	1.620	1.505	1.437	1.488	6.9
1,4-Dichlorobenzene		1.659	1.572	1.670	1.544	1.449	1.523	8.2
Benzyl Alcohol		1.046	1.221	1.364	1.272	1.190	1.187	9.6
2-Methylphenol		1.299	1.348	1.410	1.325	1.277	1.303	5.3
2,2-oxybis(1-Chloropropane)		2.765	2.745	2.815	2.596	2.486	2.584	8.1
Acetophenone		0.508	0.525	0.540	0.480	0.467	0.484	9.2
3+4-Methylphenols		1.518	1.665	1.745	1.509	1.408	1.493	11.8
n-Nitroso-di-n-propylamine	1.240	1.246	1.252	1.290	1.161	1.097	1.177	7.9
Nitrobenzene-d5		0.418	0.437	0.471	0.441	0.427	0.430	5.4
Hexachloroethane		0.497	0.502	0.546	0.513	0.493	0.501	5.1
Nitrobenzene		0.406	0.434	0.465	0.440	0.439	0.432	4.7
Isophorone		0.816	0.831	0.862	0.820	0.807	0.818	3.3
2-Nitrophenol		0.140	0.162	0.182	0.178	0.183	0.172	9.2
2,4-Dimethylphenol		0.312	0.330	0.351	0.327	0.319	0.321	5.7
bis(2-Chloroethoxy)methane		0.465	0.498	0.522	0.488	0.476	0.480	5.5
2,4-Dichlorophenol		0.279	0.296	0.322	0.302	0.297	0.294	5.4
1,2,4-Trichlorobenzene		0.323	0.326	0.332	0.310	0.302	0.310	6.3
Benzoic acid			0.123	0.141	0.165	0.182	0.167	17.9
Naphthalene		1.163	1.163	1.192	1.058	1.028	1.073	9.7
4-Chloroaniline		0.369	0.430	0.467	0.444	0.430	0.421	8.4
Hexachlorobutadiene		0.191	0.191	0.195	0.184	0.177	0.183	5.7
Caprolactam		0.095	0.096	0.104	0.102	0.102	0.100	3.8
4-Chloro-3-methylphenol		0.328	0.335	0.354	0.336	0.325	0.329	4.6
2-Methylnaphthalene		0.732	0.748	0.760	0.684	0.654	0.684	9.8
Hexachlorocyclopentadiene			0.084	0.141	0.190	0.211	0.180	31.6
2,4,6-Trichlorophenol		0.355	0.355	0.387	0.375	0.364	0.364	3.8

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.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID: _____

Calibration Date(s): 2/29/2024 : _____

Calibration Time(s): 12:44 : _____

LAB FILE ID:		RRF2.5 = BF137439.D		RRF005 = BF137440.D		RRF010 = BF137441.D		
		RRF020 = BF137442.D		RRF040 = BF137443.D		RRF050 = BF137444.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.467	1.412	1.240	1.157	1.278	14.5
2,4,5-Trichlorophenol		0.413	0.398	0.464	0.428	0.417	0.419	5.5
1,1-Biphenyl		1.595	1.586	1.619	1.465	1.379	1.464	9.8
2-Chloronaphthalene		1.192	1.170	1.217	1.122	1.067	1.116	7.4
2-Nitroaniline		0.289	0.345	0.399	0.402	0.411	0.379	12.1
Dimethylphthalate		1.476	1.481	1.498	1.378	1.327	1.392	6.8
Acenaphthylene		1.993	1.932	1.981	1.798	1.679	1.786	11.0
2,6-Dinitrotoluene		0.270	0.283	0.315	0.300	0.292	0.291	5.1
3-Nitroaniline		0.269	0.291	0.311	0.329	0.323	0.308	7.1
Acenaphthene		1.175	1.160	1.179	1.057	0.997	1.066	10.0
2,4-Dinitrophenol			0.044	0.088	0.122	0.131	0.111	34.5
4-Nitrophenol			0.104	0.181	0.206	0.216	0.190	23.6
Dibenzofuran		1.816	1.800	1.834	1.615	1.513	1.624	12.3
2,4-Dinitrotoluene		0.310	0.356	0.397	0.378	0.370	0.358	8.2
Diethylphthalate		1.401	1.415	1.438	1.311	1.250	1.315	8.3
4-Chlorophenyl-phenylether		0.701	0.682	0.674	0.589	0.564	0.611	12.0
Fluorene		1.447	1.420	1.402	1.211	1.129	1.247	14.0
4-Nitroaniline		0.217	0.238	0.296	0.273	0.277	0.265	10.5
4,6-Dinitro-2-methylphenol			0.080	0.107	0.117	0.121	0.111	14.7
n-Nitrosodiphenylamine		0.669	0.687	0.699	0.636	0.625	0.644	6.6
Azobenzene		1.617	1.602	1.647	1.524	1.452	1.514	7.7
2,4,6-Tribromophenol		0.169	0.174	0.187	0.175	0.173	0.176	3.3
4-Bromophenyl-phenylether		0.213	0.219	0.236	0.221	0.216	0.218	4.3
Hexachlorobenzene		0.225	0.225	0.233	0.217	0.217	0.220	4.1
Atrazine		0.190	0.199	0.214	0.197	0.195	0.196	4.8
Pentachlorophenol			0.105	0.133	0.139	0.142	0.133	10.7
Phenanthrene		1.206	1.195	1.203	1.058	1.036	1.088	10.4
Anthracene		1.203	1.195	1.248	1.088	1.085	1.118	9.1
Carbazole		0.998	1.027	1.062	0.952	0.931	0.958	8.4
Di-n-butylphthalate		1.192	1.203	1.255	1.140	1.116	1.139	7.6
Fluoranthene		1.208	1.167	1.185	1.030	1.005	1.064	11.6
Benzidine			0.375	0.497	0.568	0.541	0.489	14.4
Pyrene		1.874	1.929	2.096	2.064	1.969	1.962	4.9
Terphenyl-d14		1.470	1.472	1.534	1.490	1.441	1.454	4.2
Butylbenzylphthalate		0.405	0.441	0.506	0.527	0.540	0.501	11.4
3,3-Dichlorobenzidine		0.274	0.318	0.390	0.417	0.398	0.373	14.8

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.: BF022924 SAS No.: BF022924 SDG No.: BF022924
Instrument ID: _____ Calibration Date(s): 2/29/2024 : _____
Calibration Time(s): 12:44 _____

LAB FILE ID:		RRF2.5 = BF137439.D			RRF005 = BF137440.D		RRF010 = BF137441.D	
		RRF020 = BF137442.D			RRF040 = BF137443.D		RRF050 = BF137444.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.405	1.519	1.416	1.380	1.402	4.6
Chrysene		1.427	1.407	1.493	1.447	1.384	1.417	3.1
Bis(2-ethylhexyl)phthalate		0.540	0.560	0.655	0.677	0.668	0.637	9.6
Di-n-octyl phthalate			0.808	0.979	1.196	1.170	1.120	17.1
Benzo(b)fluoranthene		1.181	1.174	1.292	1.200	1.166	1.183	5.0
Benzo(k)fluoranthene		1.372	1.359	1.352	1.231	1.217	1.271	7.2
Benzo(a)pyrene		1.115	1.144	1.249	1.210	1.165	1.166	4.5
Indeno(1,2,3-cd)pyrene		1.135	1.258	1.395	1.392	1.355	1.316	7.2
Dibenzo(a,h)anthracene		0.901	1.008	1.134	1.134	1.101	1.068	8.2
Benzo(g,h,i)perylene		0.943	1.030	1.171	1.162	1.132	1.096	7.6
1,2,4,5-Tetrachlorobenzene		0.576	0.584	0.609	0.563	0.543	0.558	6.5
1,4-Dioxane		0.715	0.716	0.764	0.742	0.710	0.722	3.5
2,3,4,6-Tetrachlorophenol		0.336	0.346	0.363	0.341	0.329	0.336	5.0
1-Methylnaphthalene		0.704	0.710	0.718	0.635	0.605	0.644	10.5

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: CHEMTECHLab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG NO.: BF030124EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 1 2024 12:00AMLab File ID: BF137443.D Time Analyzed: 10:56Instrument 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	211004	6.804	833843	8.08	463807	9.84
	UPPER LIMIT	422008	7.304	1667686	8.581	927614	10.339
	LOWER LIMIT	105502	6.304	416921.5	7.581	231903.5	9.339
	EPA SAMPLE NO.						
01	PB159365BL	237604	6.88	948877	8.15	521812	9.91
02	PB159365BS	235794	6.88	944967	8.16	523635	9.92
03	SP-5	149488	6.86	588654	8.14	314046	9.89
04	294	169476	6.87	651870	8.14	337489	9.90
05	294MS	184232	6.87	707501	8.14	369862	9.90
06	294MSD	186746	6.87	699898	8.15	347814	9.90
07	TP-16	174722	6.87	652116	8.14	315073	9.90
08	TP-7	186681	6.87	698360	8.14	352956	9.90
09	WC-1	172719	6.87	655675	8.14	332711	9.90
10	WC-1MS	186055	6.88	704204	8.15	352977	9.90
11	WC-1MSD	173167	6.88	644107	8.15	325988	9.90
12	WC-2	189805	6.88	726291	8.15	373192	9.90
13	WC-3	169079	6.88	659360	8.14	332080	9.90
14	WC-4	170315	6.88	663601	8.15	341360	9.90
15	TP-16	175118	6.88	662446	8.15	338838	9.90
16	TP-7	173946	6.88	666929	8.15	333587	9.90

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: CHEMTECHLab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG NO.: BF030124EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 1 2024 12:00AMLab File ID: BF137451.D Time Analyzed: 10:56Instrument 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	208114	6.881	825172	8.16	470356	9.92
	UPPER LIMIT	416228	7.381	1650344	8.657	940712	10.416
	LOWER LIMIT	104057	6.381	412586	7.657	235178	9.416
	EPA SAMPLE NO.						
01	PB159365BL	237604	6.88	948877	8.15	521812	9.91
02	PB159365BS	235794	6.88	944967	8.16	523635	9.92
03	SP-5	149488	6.86	588654	8.14	314046	9.89
04	294	169476	6.87	651870	8.14	337489	9.90
05	294MS	184232	6.87	707501	8.14	369862	9.90
06	294MSD	186746	6.87	699898	8.15	347814	9.90
07	TP-16	174722	6.87	652116	8.14	315073	9.90
08	TP-7	186681	6.87	698360	8.14	352956	9.90
09	WC-1	172719	6.87	655675	8.14	332711	9.90
10	WC-1MS	186055	6.88	704204	8.15	352977	9.90
11	WC-1MSD	173167	6.88	644107	8.15	325988	9.90
12	WC-2	189805	6.88	726291	8.15	373192	9.90
13	WC-3	169079	6.88	659360	8.14	332080	9.90
14	WC-4	170315	6.88	663601	8.15	341360	9.90
15	TP-16	175118	6.88	662446	8.15	338838	9.90
16	TP-7	173946	6.88	666929	8.15	333587	9.90

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG NO.: BF030124

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 1 2024 12:00AM

Lab File ID: BF137443.D Time Analyzed: 10:56

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	794722	11.328	399789	13.986	384521	15.486
UPPER LIMIT	1589444	11.828	799578	14.486	769042	15.986
LOWER LIMIT	397361	10.828	199894.5	13.486	192260.5	14.986
EPA SAMPLE NO.						
01 PB159365BL	984371	11.40	644902	14.06	487028	15.60
02 PB159365BS	934791	11.41	488254	14.07	440898	15.60
03 SP-5	500570	11.39	339709	14.05	294932	15.58
04 294	498679	11.39	375477	14.05	348119	15.58
05 294MS	549301	11.39	375688	14.06	365535	15.59
06 294MSD	490183	11.39	379092	14.06	361429	15.59
07 TP-16	468777	11.39	402532	14.05	333840	15.58
08 TP-7	514017	11.39	401313	14.05	346277	15.59
09 WC-1	485513	11.39	387902	14.05	317332	15.59
10 WC-1MS	515649	11.40	373285	14.06	348222	15.59
11 WC-1MSD	493446	11.40	357230	14.06	333340	15.59
12 WC-2	546937	11.39	394999	14.06	312252	15.59
13 WC-3	499322	11.39	369210	14.06	286328	15.59
14 WC-4	502577	11.40	358673	14.06	271995	15.59
15 TP-16	492647	11.40	383347	14.06	283960	15.59
16 TP-7	503160	11.40	378812	14.06	275881	15.59

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG NO.: BF030124

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 1 2024 12:00AM

Lab File ID: BF137443.D Time Analyzed: 19:15

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	794722	11.328	399789	13.986	384521	15.486
UPPER LIMIT	1589444	11.828	799578	14.486	769042	15.986
LOWER LIMIT	397361	10.828	199894.5	13.486	192260.5	14.986
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: CHEMTECHLab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG NO.: BF030124EPA Sample No.: SSTDCCC040Date Analyzed: Mar 1 2024 12:00AMLab File ID: BF137451.DTime Analyzed: 10:56Instrument ID: BNA_FGC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	806242	11.404	447358	14.068	396245	15.598
	UPPER LIMIT	1612484	11.904	894716	14.568	792490	16.098
	LOWER LIMIT	403121	10.904	223679	13.568	198122.5	15.098
	EPA SAMPLE NO.						
01	PB159365BL	984371	11.40	644902	14.06	487028	15.60
02	PB159365BS	934791	11.41	488254	14.07	440898	15.60
03	SP-5	500570	11.39	339709	14.05	294932	15.58
04	294	498679	11.39	375477	14.05	348119	15.58
05	294MS	549301	11.39	375688	14.06	365535	15.59
06	294MSD	490183	11.39	379092	14.06	361429	15.59
07	TP-16	468777	11.39	402532	14.05	333840	15.58
08	TP-7	514017	11.39	401313	14.05	346277	15.59
09	WC-1	485513	11.39	387902	14.05	317332	15.59
10	WC-1MS	515649	11.40	373285	14.06	348222	15.59
11	WC-1MSD	493446	11.40	357230	14.06	333340	15.59
12	WC-2	546937	11.39	394999	14.06	312252	15.59
13	WC-3	499322	11.39	369210	14.06	286328	15.59
14	WC-4	502577	11.40	358673	14.06	271995	15.59
15	TP-16	492647	11.40	383347	14.06	283960	15.59
16	TP-7	503160	11.40	378812	14.06	275881	15.59

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF030124 SAS No.: BF030124 SDG NO.: BF030124

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 1 2024 12:00AM

Lab File ID: BF137451.D Time Analyzed: 19:15

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	806242	11.404	447358	14.068	396245	15.598
UPPER LIMIT	1612484	11.904	894716	14.568	792490	16.098
LOWER LIMIT	403121	10.904	223679	13.568	198122.5	15.098
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.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159365BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103		
	Pyridine	1700	1200	ug/Kg	71				28	98		
	Benzaldehyde	1700	320	ug/Kg	19				10	147		
	Aniline	1700	820	ug/Kg	48				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101		
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112		
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102		
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99		
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100		
	Benzyl Alcohol	1700	1800	ug/Kg	106				42	116		
	2-Methylphenol	1700	1400	ug/Kg	82				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100		
	Acetophenone	1700	1500	ug/Kg	88				55	104		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95		
	Hexachloroethane	1700	1600	ug/Kg	94				72	108		
	Nitrobenzene	1700	1500	ug/Kg	88				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111		
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				67	119		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110		
	Benzoic acid	1700	1600	ug/Kg	94				10	140		
	Naphthalene	1700	1500	ug/Kg	88				62	100		
	4-Chloroaniline	1700	530	ug/Kg	31				16	100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98		
	Caprolactam	1700	1600	ug/Kg	94				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				45	134		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102		
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98		
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104		
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	Total PAH	27200	24400	ug/Kg	90				57	104		
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128		
	4-Nitrophenol	3300	3200	ug/Kg	97				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159365BS	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1400	ug/Kg	82				67	113	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	660	ug/Kg	20				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				63	111	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70	108	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159365BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF030124SAS No.: BF030124 SDG NO.: BF030124Lab File ID: BF137452.DLab Sample ID: PB159365BLInstrument ID: BNA_FDate Extracted: 02/29/2024Matrix: (soil/water) SolidDate Analyzed: 03/01/2024Level: (low/med) LOWTime Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159365BS	PB159365BS	BF137453.D	03/01/2024
SP-5	P1639-01	BF137454.D	03/01/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

294

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF030124SAS No.: BF030124 SDG NO.: BF030124Lab File ID: BF137455.DLab Sample ID: P1653-01Instrument ID: BNA_FDate Extracted: 03/01/2024Matrix: (soil/water) SolidDate Analyzed: 03/01/2024Level: (low/med) LOWTime Analyzed: 13:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
294	P1653-01	BF137455.D	03/01/2024
294MS	P1653-01MS	BF137456.D	03/01/2024
294MSD	P1653-01MSD	BF137457.D	03/01/2024
TP-16	P1659-01	BF137458.D	03/01/2024
TP-7	P1659-05	BF137459.D	03/01/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF030124SAS No.: BF030124 SDG NO.: BF030124Lab File ID: BF137460.DLab Sample ID: P1602-03Instrument ID: BNA_FDate Extracted: 03/01/2024Matrix: (soil/water) waterDate Analyzed: 03/01/2024Level: (low/med) LOWTime Analyzed: 15:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-1	P1602-03	BF137460.D	03/01/2024
WC-1MS	P1602-03MS	BF137461.D	03/01/2024
WC-1MSD	P1602-03MSD	BF137462.D	03/01/2024
WC-2	P1602-06	BF137463.D	03/01/2024
WC-3	P1602-09	BF137464.D	03/01/2024
WC-4	P1602-12	BF137465.D	03/01/2024
TP-16	P1659-04	BF137466.D	03/01/2024
TP-7	P1659-08	BF137467.D	03/01/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
Lab Sample ID:	P1653-01MS	Client Sample ID:	294MS					DataFile:	BF137456.D		
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		900	ug/Kg	82				45	119	
Benzaldehyde	1100		1200	ug/Kg	109				26	163	
Aniline	1100		640	ug/Kg	58				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		900	ug/Kg	82				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		930	ug/Kg	85				53	132	
N-Nitroso-di-n-propylamine	1100		950	ug/Kg	86				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		830	ug/Kg	75	*			83	144	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		870	ug/Kg	79				50	104	
Naphthalene	1100		990	ug/Kg	90				72	110	
4-Chloroaniline	1100		250	ug/Kg	23				10	100	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		980	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1100		980	ug/Kg	89				57	132	
2-Methylnaphthalene	1100		960	ug/Kg	87				59	123	
Hexachlorocyclopentadiene	2300		1700	ug/Kg	74				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		970	ug/Kg	88				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		570	ug/Kg	52				20	111	
Acenaphthene	1100		970	ug/Kg	88				70	121	
Total PAH	17600	0	15450	ug/Kg	88				70	121	
2,4-Dinitrophenol	2300		1400	ug/Kg	61				16	160	
4-Nitrophenol	2300		1700	ug/Kg	74				45	133	
Dibenzofuran	1100		970	ug/Kg	88				72	110	
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2000	ug/Kg	91				55	128	
Diethylphthalate	1100		1000	ug/Kg	91				70	112	
4-Chlorophenyl-phenylether	1100		940	ug/Kg	85				71	108	
Fluorene	1100		930	ug/Kg	85				68	116	
4-Nitroaniline	1100		830	ug/Kg	75				55	120	
4,6-Dinitro-2-methylphenol	1100		940	ug/Kg	85				32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		970	ug/Kg	88				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1100		1000	ug/Kg	91				72	113	
Anthracene	1100		1000	ug/Kg	91				62	124	
Carbazole	1100		990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100	0	1000	ug/Kg	91				59	125	
Benzidine	2300		1400	ug/Kg	61				10	119	
Pyrene	1100		820	ug/Kg	75				52	128	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		950	ug/Kg	86				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				66	127	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				71	126	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				74	114	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		740	ug/Kg	67				61	125	
Dibenz(a,h)anthracene	1100		740	ug/Kg	67				67	130	
Benzo(g,h,i)perylene	1100		660	ug/Kg	60				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		970	ug/Kg	88				46	112	
2,3,4,6-Tetrachlorophenol	1100		940	ug/Kg	85				56	133	
1-Methylnaphthalene	1100		950	ug/Kg	86				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1653-01MSD	Client Sample ID:	294MSD					DataFile:	BF137457.D		
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		9		66	124	20
Pyridine	1100		880	ug/Kg	80		2		45	119	20
Benzaldehyde	1100		1200	ug/Kg	109		0		26	163	20
Aniline	1100		680	ug/Kg	62		7		10	88	20
Phenol	1100		1000	ug/Kg	91		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		9		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		9		61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		9		62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		920	ug/Kg	84		2		66	122	20
2,2-oxybis(1-Chloropropane)	1100		990	ug/Kg	90		1		52	115	20
Acetophenone	1100		1100	ug/Kg	100		9		75	111	20
3+4-Methylphenols	1100		920	ug/Kg	84		1		53	132	20
N-Nitroso-di-n-propylamine	1100		940	ug/Kg	85		1		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		0		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		0		70	119	20
Isophorone	1100		1000	ug/Kg	91		0		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1100		850	ug/Kg	77	*	3		83	144	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		0		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		890	ug/Kg	81		3		50	104	20
Naphthalene	1100		1000	ug/Kg	91		1		72	110	20
4-Chloroaniline	1100		260	ug/Kg	24		4		10	100	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		990	ug/Kg	90		1		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		0		57	132	20
2-Methylnaphthalene	1100		960	ug/Kg	87		0		59	123	20
Hexachlorocyclopentadiene	2300		1800	ug/Kg	78		5		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		3		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		9		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		9		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		9		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		9		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		9		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		0		70	125	20
3-Nitroaniline	1100		610	ug/Kg	55		6		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		3		70	121	20
Total PAH	17600	0	16150	ug/Kg	92		4		70	121	20
2,4-Dinitrophenol	2300		1400	ug/Kg	61		0		16	160	20
4-Nitrophenol	2300		1700	ug/Kg	74		0		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		3		72	110	20
2,4-Dinitrotoluene	1100		1000	ug/Kg	91		0		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2000	ug/Kg	91		0		55	128	20
Diethylphthalate	1100		1000	ug/Kg	91		0		70	112	20
4-Chlorophenyl-phenylether	1100		970	ug/Kg	88		3		71	108	20
Fluorene	1100		940	ug/Kg	85		0		68	116	20
4-Nitroaniline	1100		800	ug/Kg	73		3		55	120	20
4,6-Dinitro-2-methylphenol	1100		960	ug/Kg	87		2		32	145	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		9		73	118	20
Azobenzene	1100		980	ug/Kg	89		1		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		9		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		9		67	118	20
Atrazine	1100		1200	ug/Kg	109		9		79	127	20
Pentachlorophenol	2300		2000	ug/Kg	87		5		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		9		72	113	20
Anthracene	1100		1100	ug/Kg	100		9		62	124	20
Carbazole	1100		1100	ug/Kg	100		11		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100	0	1100	ug/Kg	100		9		59	125	20
Benzidine	2300		1500	ug/Kg	65		6		10	119	20
Pyrene	1100		810	ug/Kg	74		1		52	128	20
Butylbenzylphthalate	1100		1000	ug/Kg	91		0		64	126	20
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91		6		10	164	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		0		71	114	20
Chrysene	1100		1100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		0		66	127	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		0		71	126	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		8		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		9		74	114	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		760	ug/Kg	69		3		61	125	20
Dibenz(a,h)anthracene	1100		750	ug/Kg	68		1		67	130	20
Benzo(g,h,i)perylene	1100		690	ug/Kg	63		5		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		930	ug/Kg	85		3		46	112	20
2,3,4,6-Tetrachlorophenol	1100		960	ug/Kg	87		2		56	133	20
1-Methylnaphthalene	1100		940	ug/Kg	85		1		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		RPD
									Low	High	
Lab Sample ID:	P1602-03MS	Client Sample ID:	WC-1MS					DataFile:	BF137461.D		
n-Nitrosodimethylamine	500		460	ug/L	92				10	130	
Pyridine	500		330	ug/L	66				10	109	
Benzaldehyde	500		36.5	ug/L	7	*			10	137	
Aniline	500		240	ug/L	48				10	130	
Phenol	500		380	ug/L	76				10	130	
bis(2-Chloroethyl)ether	500		450	ug/L	90				29	141	
2-Chlorophenol	500		440	ug/L	88				23	127	
1,2-Dichlorobenzene	500		460	ug/L	92				61	114	
1,3-Dichlorobenzene	500		450	ug/L	90				65	106	
1,4-Dichlorobenzene	500		450	ug/L	90				55	125	
Benzyl Alcohol	500		470	ug/L	94				31	94	
2-Methylphenol	500		390	ug/L	78				23	132	
2,2-oxybis(1-Chloropropane)	500		430	ug/L	86				36	141	
Acetophenone	500		460	ug/L	92				31	164	
3+4-Methylphenols	500		390	ug/L	78				17	136	
N-Nitroso-di-n-propylamine	500		410	ug/L	82				36	147	
Hexachloroethane	500		450	ug/L	90				35	137	
Nitrobenzene	500		450	ug/L	90				40	134	
Isophorone	500		450	ug/L	90				39	146	
2-Nitrophenol	500		470	ug/L	94				30	148	
2,4-Dimethylphenol	500		390	ug/L	78				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		460	ug/L	92				22	146	
1,2,4-Trichlorobenzene	500		460	ug/L	92				66	110	
Benzoic acid	500		200	ug/L	40				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		90.4	ug/L	18				10	95	
Hexachlorobutadiene	500		460	ug/L	92				52	125	
Caprolactam	500		380	ug/L	76				10	130	
4-Chloro-3-methylphenol	500		430	ug/L	86				17	148	
2-Methylnaphthalene	500		420	ug/L	84				38	146	
Hexachlorocyclopentadiene	1000		720	ug/L	72				20	153	
2,4,6-Trichlorophenol	500		490	ug/L	98				46	139	
2,4,5-Trichlorophenol	500		460	ug/L	92				42	129	
1,1-Biphenyl	500		480	ug/L	96				38	154	
2-Chloronaphthalene	500		490	ug/L	98				41	145	
2-Nitroaniline	500		480	ug/L	96				39	151	
Dimethylphthalate	500		480	ug/L	96				42	147	
Acenaphthylene	500		480	ug/L	96				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		260	ug/L	52				10	111	
Acenaphthene	500		450	ug/L	90				37	146	
Total PAH	8000		7100	ug/L	89				37	146	
2,4-Dinitrophenol	1000		370	ug/L	37				14	167	
4-Nitrophenol	1000		710	ug/L	71				10	130	
Dibenzofuran	500		460	ug/L	92				41	145	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		930	ug/L	93				40	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene	500		460	ug/L	92				40	151	
Diethylphthalate	500		470	ug/L	94				41	148	
4-Chlorophenyl-phenylether	500		430	ug/L	86				38	149	
Fluorene	500		430	ug/L	86				39	144	
4-Nitroaniline	500		380	ug/L	76				27	138	
4,6-Dinitro-2-methylphenol	500		280	ug/L	56				32	175	
N-Nitrosodiphenylamine	500		510	ug/L	102				40	150	
Azobenzene	500		450	ug/L	90				72	112	
4-Bromophenyl-phenylether	500		500	ug/L	100				42	151	
Hexachlorobenzene	500		520	ug/L	104				60	129	
Atrazine	500		530	ug/L	106				20	162	
Pentachlorophenol	1000		760	ug/L	76				15	137	
Phenanthrene	500		480	ug/L	96				40	147	
Anthracene	500		480	ug/L	96				41	146	
Carbazole	500		480	ug/L	96				37	154	
Di-n-butylphthalate	500		520	ug/L	104				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzidine	1000		340	ug/L	34				10	130	
Pyrene	500		360	ug/L	72				41	149	
Butylbenzylphthalate	500		460	ug/L	92				39	155	
3,3-Dichlorobenzidine	500		360	ug/L	72				10	114	
Benzo(a)anthracene	500		480	ug/L	96				41	147	
Chrysene	500		470	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	500		550	ug/L	110				33	160	
Di-n-octyl phthalate	500		580	ug/L	116				36	158	
Benzo(b)fluoranthene	500		590	ug/L	118				40	150	
Benzo(k)fluoranthene	500		500	ug/L	100				40	147	
Benzo(a)pyrene	500		480	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	500		340	ug/L	68				30	166	
Dibenz(a,h)anthracene	500		350	ug/L	70				23	172	
Benzo(g,h,i)perylene	500		310	ug/L	62				27	167	
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98				89	102	
1,4-Dioxane	500		390	ug/L	78				38	130	
2,3,4,6-Tetrachlorophenol	500		450	ug/L	90	*			91	111	
1-Methylnaphthalene	500		420	ug/L	84				25	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1602-03MSD	Client Sample ID:	WC-1MSD					DataFile:	BF137462.D		
n-Nitrosodimethylamine	500		490	ug/L	98		6		10	130	20
Pyridine	500		340	ug/L	68		3		10	109	20
Benzaldehyde	500		42.8	ug/L	9	*	25	*	10	137	20
Aniline	500		260	ug/L	52		8		10	130	20
Phenol	500		400	ug/L	80		5		10	130	20
bis(2-Chloroethyl)ether	500		470	ug/L	94		4		29	141	20
2-Chlorophenol	500		460	ug/L	92		4		23	127	20
1,2-Dichlorobenzene	500		480	ug/L	96		4		61	114	20
1,3-Dichlorobenzene	500		470	ug/L	94		4		65	106	20
1,4-Dichlorobenzene	500		470	ug/L	94		4		55	125	20
Benzyl Alcohol	500		490	ug/L	98	*	4		31	94	20
2-Methylphenol	500		400	ug/L	80		3		23	132	20
2,2-oxybis(1-Chloropropane)	500		450	ug/L	90		5		36	141	20
Acetophenone	500		490	ug/L	98		6		31	164	20
3+4-Methylphenols	500		410	ug/L	82		5		17	136	20
N-Nitroso-di-n-propylamine	500		430	ug/L	86		5		36	147	20
Hexachloroethane	500		470	ug/L	94		4		35	137	20
Nitrobenzene	500		480	ug/L	96		6		40	134	20
Isophorone	500		470	ug/L	94		4		39	146	20
2-Nitrophenol	500		500	ug/L	100		6		30	148	20
2,4-Dimethylphenol	500		400	ug/L	80		3		17	143	20
bis(2-Chloroethoxy)methane	500		480	ug/L	96		4		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		4		22	146	20
1,2,4-Trichlorobenzene	500		490	ug/L	98		6		66	110	20
Benzoic acid	500		210	ug/L	42		5		10	101	20
Naphthalene	500		460	ug/L	92		4		17	157	20
4-Chloroaniline	500		110	ug/L	22		20		10	95	20
Hexachlorobutadiene	500		490	ug/L	98		6		52	125	20
Caprolactam	500		400	ug/L	80		5		10	130	20
4-Chloro-3-methylphenol	500		450	ug/L	90		5		17	148	20
2-Methylnaphthalene	500		440	ug/L	88		5		38	146	20
Hexachlorocyclopentadiene	1000		740	ug/L	74		3		20	153	20
2,4,6-Trichlorophenol	500		510	ug/L	102		4		46	139	20
2,4,5-Trichlorophenol	500		460	ug/L	92		0		42	129	20
1,1-Biphenyl	500		510	ug/L	102		6		38	154	20
2-Chloronaphthalene	500		520	ug/L	104		6		41	145	20
2-Nitroaniline	500		490	ug/L	98		2		39	151	20
Dimethylphthalate	500		490	ug/L	98		2		42	147	20
Acenaphthylene	500		510	ug/L	102		6		40	141	20
2,6-Dinitrotoluene	500		500	ug/L	100		6		43	148	20
3-Nitroaniline	500		260	ug/L	52		0		10	111	20
Acenaphthene	500		470	ug/L	94		4		37	146	20
Total PAH	8000		7440	ug/L	93		4		37	146	20
2,4-Dinitrophenol	1000		380	ug/L	38		3		14	167	20
4-Nitrophenol	1000		750	ug/L	75		5		10	130	20
Dibenzofuran	500		480	ug/L	96		4		41	145	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		980	ug/L	98		5		40	151	20



Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF030124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene	500		480	ug/L	96		4		40	151	20
Diethylphthalate	500		490	ug/L	98		4		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		7		38	149	20
Fluorene	500		450	ug/L	90		5		39	144	20
4-Nitroaniline	500		430	ug/L	86		12		27	138	20
4,6-Dinitro-2-methylphenol	500		290	ug/L	58		4		32	175	20
N-Nitrosodiphenylamine	500		520	ug/L	104		2		40	150	20
Azobenzene	500		470	ug/L	94		4		72	112	20
4-Bromophenyl-phenylether	500		520	ug/L	104		4		42	151	20
Hexachlorobenzene	500		530	ug/L	106		2		60	129	20
Atrazine	500		540	ug/L	108		2		20	162	20
Pentachlorophenol	1000		790	ug/L	79		4		15	137	20
Phenanthrene	500		490	ug/L	98		2		40	147	20
Anthracene	500		490	ug/L	98		2		41	146	20
Carbazole	500		490	ug/L	98		2		37	154	20
Di-n-butylphthalate	500		530	ug/L	106		2		40	151	20
Fluoranthene	500		490	ug/L	98		6		42	146	20
Benzidine	1000		390	ug/L	39		14		10	130	20
Pyrene	500		380	ug/L	76		5		41	149	20
Butylbenzylphthalate	500		490	ug/L	98		6		39	155	20
3,3-Dichlorobenzidine	500		380	ug/L	76		5		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		2		41	147	20
Chrysene	500		500	ug/L	100		6		44	144	20
bis(2-Ethylhexyl)phthalate	500		580	ug/L	116		5		33	160	20
Di-n-octyl phthalate	500		600	ug/L	120		3		36	158	20
Benzo(b)fluoranthene	500		600	ug/L	120		2		40	150	20
Benzo(k)fluoranthene	500		550	ug/L	110		10		40	147	20
Benzo(a)pyrene	500		500	ug/L	100		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		360	ug/L	72		6		30	166	20
Dibenz(a,h)anthracene	500		370	ug/L	74		6		23	172	20
Benzo(g,h,i)perylene	500		330	ug/L	66		6		27	167	20
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*	6		89	102	20
1,4-Dioxane	500		410	ug/L	82		5		38	130	20
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92		2		91	111	20
1-Methylnaphthalene	500		450	ug/L	90		7		25	151	20



Surrogate Summary
SW-846

SDG No.: BF030124

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1639-01	SP-5	BF137454.D	2-Fluorophenol	150	84.33	56		18	112
			Phenol-d6	150	80.03	53		15	107
			Nitrobenzene-d5	100	53.24	53		18	107
			2-Fluorobiphenyl	100	58.91	59		20	109
			2,4,6-Tribromophenol	150	69.80	47		10	110
			Terphenyl-d14	100	46.38	46		14	112
PB159365BL	PB159365BL	BF137452.D	2-Fluorophenol	150	119.43	80		18	112
			Phenol-d6	150	112.98	75		15	107
			Nitrobenzene-d5	100	78.91	79		18	107
			2-Fluorobiphenyl	100	77.72	78		20	109
			2,4,6-Tribromophenol	150	128.35	86		10	110
			Terphenyl-d14	100	69.19	69		14	112
PB159365BS	PB159365BS	BF137453.D	2-Fluorophenol	150	126.50	84		18	112
			Phenol-d6	150	122.96	82		15	107
			Nitrobenzene-d5	100	86.32	86		18	107
			2-Fluorobiphenyl	100	83.08	83		20	109
			2,4,6-Tribromophenol	150	144.42	96		10	110
			Terphenyl-d14	100	87.76	88		14	112



Surrogate Summary

SW-846

SDG No.: BF030124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1653-01	294	BF137455.D	2-Fluorophenol	150	86.44	58		18	112
			Phenol-d6	150	78.60	52		15	107
			Nitrobenzene-d5	100	54.02	54		18	107
			2-Fluorobiphenyl	100	58.90	59		20	109
			2,4,6-Tribromophenol	150	68.47	46		10	110
			Terphenyl-d14	100	38.97	39		14	112
P1653-01MS	294MS	BF137456.D	2-Fluorophenol	150	85.45	57		18	112
			Phenol-d6	150	79.67	53		15	107
			Nitrobenzene-d5	100	56.26	56		18	107
			2-Fluorobiphenyl	100	58.30	58		20	109
			2,4,6-Tribromophenol	150	75.60	50		10	110
			Terphenyl-d14	100	42.65	43		14	112
P1653-01MSD	294MSD	BF137457.D	2-Fluorophenol	150	90.95	61		18	112
			Phenol-d6	150	83.69	56		15	107
			Nitrobenzene-d5	100	61.50	61		18	107
			2-Fluorobiphenyl	100	64.40	64		20	109
			2,4,6-Tribromophenol	150	78.63	52		10	110
			Terphenyl-d14	100	43.86	44		14	112
P1659-01	TP-16	BF137458.D	2-Fluorophenol	150	91.37	61		18	112
			Phenol-d6	150	82.82	55		15	107
			Nitrobenzene-d5	100	59.43	59		18	107
			2-Fluorobiphenyl	100	65.72	66		20	109
			2,4,6-Tribromophenol	150	72.26	48		10	110
			Terphenyl-d14	100	38.75	39		14	112
P1659-05	TP-7	BF137459.D	2-Fluorophenol	150	89.33	60		18	112
			Phenol-d6	150	83.14	55		15	107
			Nitrobenzene-d5	100	58.34	58		18	107
			2-Fluorobiphenyl	100	63.24	63		20	109
			2,4,6-Tribromophenol	150	75.55	50		10	110
			Terphenyl-d14	100	40.56	41		14	112

Surrogate Summary

SW-846

SDG No.: **BF030124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1602-03	WC-1	BF137460.D	2-Fluorophenol	150	129.77	87		10	139
			Phenol-d6	150	110.74	74		10	134
			Nitrobenzene-d5	100	90.58	91		49	133
			2-Fluorobiphenyl	100	94.73	95		52	132
			2,4,6-Tribromophenol	150	121.60	81		32	145
			Terphenyl-d14	100	66.87	67		36	145
P1602-03MS	WC-1MS	BF137461.D	2-Fluorophenol	150	119.86	80		10	139
			Phenol-d6	150	104.46	70		10	134
			Nitrobenzene-d5	100	85.71	86		49	133
			2-Fluorobiphenyl	100	89.48	89		52	132
			2,4,6-Tribromophenol	150	121.49	81		32	145
			Terphenyl-d14	100	68.82	69		36	145
P1602-03MSD	WC-1MSD	BF137462.D	2-Fluorophenol	150	123.90	83		10	139
			Phenol-d6	150	108.10	72		10	134
			Nitrobenzene-d5	100	89.99	90		49	133
			2-Fluorobiphenyl	100	94.19	94		52	132
			2,4,6-Tribromophenol	150	129.42	86		32	145
			Terphenyl-d14	100	72.54	73		36	145
P1602-06	WC-2	BF137463.D	2-Fluorophenol	150	127.43	85		10	139
			Phenol-d6	150	107.88	72		10	134
			Nitrobenzene-d5	100	89.84	90		49	133
			2-Fluorobiphenyl	100	90.39	90		52	132
			2,4,6-Tribromophenol	150	124.36	83		32	145
			Terphenyl-d14	100	71.06	71		36	145
P1602-09	WC-3	BF137464.D	2-Fluorophenol	150	131.10	87		10	139
			Phenol-d6	150	113.42	76		10	134
			Nitrobenzene-d5	100	91.49	91		49	133
			2-Fluorobiphenyl	100	95.15	95		52	132
			2,4,6-Tribromophenol	150	128.96	86		32	145
			Terphenyl-d14	100	72.22	72		36	145
P1602-12	WC-4	BF137465.D	2-Fluorophenol	150	127.73	85		10	139
			Phenol-d6	150	110.65	74		10	134
			Nitrobenzene-d5	100	85.75	86		49	133
			2-Fluorobiphenyl	100	90.30	90		52	132
			2,4,6-Tribromophenol	150	118.74	79		32	145
			Terphenyl-d14	100	71.01	71		36	145
P1659-04	TP-16	BF137466.D	2-Fluorophenol	150	110.00	73		10	139
			Phenol-d6	150	89.11	59		10	134
			Nitrobenzene-d5	100	79.27	79		49	133
			2-Fluorobiphenyl	100	83.79	84		52	132
			2,4,6-Tribromophenol	150	101.97	68		32	145
			Terphenyl-d14	100	62.16	62		36	145
P1659-08	TP-7	BF137467.D	2-Fluorophenol	150	111.43	74		10	139
			Phenol-d6	150	92.86	62		10	134
			Nitrobenzene-d5	100	76.54	77		49	133
			2-Fluorobiphenyl	100	85.81	86		52	132
			2,4,6-Tribromophenol	150	103.85	69		32	145
			Terphenyl-d14	100	63.11	63		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF030124Lab Code: CHEMSAS No.: BF030124 SDG NO.: BF030124Lab File ID: BF137450.DDFTPP Injection Date: 03/01/2024Instrument ID: BNA_FDFTPP Injection Time: 09:51

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	0.5 (1.7) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.7
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 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	BF137451.D	03/01/2024	10:21
PB159365BL	PB159365BL	BF137452.D	03/01/2024	10:56
PB159365BS	PB159365BS	BF137453.D	03/01/2024	11:25
SP-5	P1639-01	BF137454.D	03/01/2024	12:01
294	P1653-01	BF137455.D	03/01/2024	13:18
294MS	P1653-01MS	BF137456.D	03/01/2024	13:47
294MSD	P1653-01MSD	BF137457.D	03/01/2024	14:16
TP-16	P1659-01	BF137458.D	03/01/2024	14:46
TP-7	P1659-05	BF137459.D	03/01/2024	15:16
WC-1	P1602-03	BF137460.D	03/01/2024	15:45
WC-1MS	P1602-03MS	BF137461.D	03/01/2024	16:15
WC-1MSD	P1602-03MSD	BF137462.D	03/01/2024	16:44
WC-2	P1602-06	BF137463.D	03/01/2024	17:13
WC-3	P1602-09	BF137464.D	03/01/2024	17:43
WC-4	P1602-12	BF137465.D	03/01/2024	18:14
TP-16	P1659-04	BF137466.D	03/01/2024	18:44
TP-7	P1659-08	BF137467.D	03/01/2024	19:15