

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG No.: BF062524
Instrument ID: BNA_F Calibration Date/Time: 6/25/2024 1:10:17
Lab File ID: BF138325.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.602	0.511		-15.116	
Pyridine	1.300	1.157		-11.0	
2-Fluorophenol	1.196	1.148		-4.013	
Benzaldehyde	0.805	0.819		1.739	
Aniline	1.483	1.353		-8.766	
Phenol-d6	1.516	1.392		-8.179	
Phenol	1.539	1.430		-7.083	20.0
bis(2-Chloroethyl) ether	1.231	1.147		-6.824	
2-Chlorophenol	1.293	1.244		-3.79	
1,2-Dichlorobenzene	1.388	1.323		-4.683	
1,3-Dichlorobenzene	1.469	1.388		-5.514	
1,4-Dichlorobenzene	1.478	1.407		-4.804	20.0
Benzyl Alcohol	1.022	1.015		-0.685	
2-Methylphenol	1.020	0.994		-2.549	
2,2-oxybis(1-Chloropropane)	1.738	1.526		-12.198	
Acetophenone	0.457	0.403		-11.816	
3+4-Methylphenols	1.284	1.209		-5.841	
n-Nitroso-di-n-propylamine	0.899	0.823	0.050	-8.454	
Nitrobenzene-d5	0.344	0.329		-4.36	
Hexachloroethane	0.501	0.507		1.198	
Nitrobenzene	0.355	0.332		-6.479	
Isophorone	0.621	0.576		-7.246	
2-Nitrophenol	0.143	0.173		20.979	20.0
2,4-Dimethylphenol	0.217	0.198		-8.756	
bis(2-Chloroethoxy) methane	0.389	0.363		-6.684	
2,4-Dichlorophenol	0.280	0.267		-4.643	20.0
1,2,4-Trichlorobenzene	0.330	0.309		-6.364	
Benzoic acid	0.191	0.208		8.901	
Naphthalene	0.989	0.923		-6.673	
4-Chloroaniline	0.370	0.338		-8.649	
Hexachlorobutadiene	0.193	0.186		-3.627	20.0
Caprolactam	0.084	0.084		0.0	
4-Chloro-3-methylphenol	0.278	0.276		-0.719	20.0
2-Methylnaphthalene	0.649	0.613		-5.547	
Hexachlorocyclopentadiene	0.191	0.188	0.050	-1.571	
2,4,6-Trichlorophenol	0.366	0.360		-1.639	20.0
2-Fluorobiphenyl	1.258	1.138		-9.539	
2,4,5-Trichlorophenol	0.402	0.395		-1.741	
1,1-Biphenyl	1.468	1.353		-7.834	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.160	1.075		-7.328	
2-Nitroaniline	0.279	0.294		5.376	
Dimethylphthalate	1.225	1.199		-2.122	
Acenaphthylene	1.626	1.517		-6.704	
2,6-Dinitrotoluene	0.266	0.291		9.398	
3-Nitroaniline	0.284	0.289		1.761	
Acenaphthene	1.109	1.044		-5.861	20.0
2,4-Dinitrophenol	0.104	0.133	0.050	27.885	
4-Nitrophenol	0.224	0.206	0.050	-8.036	
Dibenzofuran	1.550	1.420		-8.387	
2,4-Dinitrotoluene	0.328	0.383		16.768	
Diethylphthalate	1.163	1.162		-0.086	
4-Chlorophenyl-phenylether	0.607	0.581		-4.283	
Fluorene	1.219	1.116		-8.45	
4-Nitroaniline	0.284	0.269		-5.282	
4,6-Dinitro-2-methylphenol	0.090	0.116		28.889	
n-Nitrosodiphenylamine	0.612	0.563		-8.007	20.0
Azobenzene	1.165	1.063		-8.755	
2,4,6-Tribromophenol	0.199	0.206		3.518	
4-Bromophenyl-phenylether	0.225	0.216		-4.0	
Hexachlorobenzene	0.263	0.249		-5.323	
Atrazine	0.174	0.157		-9.77	
Pentachlorophenol	0.153	0.140		-8.497	20.0
Phenanthrene	0.989	0.908		-8.19	
Anthracene	0.982	0.910		-7.332	
Carbazole	0.901	0.800		-11.21	
Di-n-butylphthalate	0.932	0.957		2.682	
Fluoranthene	1.009	0.993		-1.586	20.0
Benzidine	0.231	0.371		60.606	
Pyrene	1.725	1.835		6.377	
Terphenyl-d14	1.263	1.339		6.017	
Butylbenzylphthalate	0.469	0.608		29.638	
3,3-Dichlorobenzidine	0.353	0.416		17.847	
Benzo(a)anthracene	1.283	1.219		-4.988	
Chrysene	1.223	1.178		-3.679	
Bis(2-ethylhexyl)phthalate	0.546	0.714		30.769	
Di-n-octyl phthalate	0.811	1.271		56.72	20.0
Benzo(b)fluoranthene	1.179	1.110		-5.852	
Benzo(k)fluoranthene	1.156	1.114		-3.633	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG No.: BF062524

Instrument ID: BNA_F Calibration Date/Time: 6/25/2024 1:10:17

Lab File ID: BF138325.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.013	1.017		0.395	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.315		0.844	
Dibenzo(a,h)anthracene	1.070	1.080		0.935	
Benzo(g,h,i)perylene	1.107	1.193		7.769	
1,2,4,5-Tetrachlorobenzene	0.584	0.536		-8.219	
1,4-Dioxane	0.547	0.493		-9.872	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.307		-2.229	
1-Methylnaphthalene	0.636	0.600		-5.66	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BL	SDG No.:	BF062524
Lab Sample ID:	PB161675BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138326.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BL	SDG No.:	BF062524
Lab Sample ID:	PB161675BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138326.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BL	SDG No.:	BF062524
Lab Sample ID:	PB161675BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138326.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.031		10-139		81	SPK: -150
13127-88-3	Phenol-d6	118.086		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	83.93		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	77.823		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BL	SDG No.:	BF062524
Lab Sample ID:	PB161675BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138326.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.215		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	73.886		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218832	6.887				
1146-65-2	Naphthalene-d8	869773	8.163				
15067-26-2	Acenaphthene-d10	507782	9.922				
1517-22-2	Phenanthrene-d10	921288	11.41				
1719-03-5	Chrysene-d12	643670	14.045				
1520-96-3	Perylene-d12	596262	15.521				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BS	SDG No.:	BF062524
Lab Sample ID:	PB161675BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138327.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	38.2		1	8	10	ug/L
110-86-1	Pyridine	32.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	68.3		4	8	10	ug/L
62-53-3	Aniline	29		1.6	4	5	ug/L
108-95-2	Phenol	42.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.3		1.4	4	5	ug/L
98-86-2	Acetophenone	39.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.9		1	4	5	ug/L
98-95-3	Nitrobenzene	39.4		1.3	4	5	ug/L
78-59-1	Isophorone	42		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	55		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	45.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	48.6		5.5	8	10	ug/L
91-20-3	Naphthalene	40.5		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BS	SDG No.:	BF062524
Lab Sample ID:	PB161675BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138327.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	45.2		0.81	4	5	ug/L
Total PAH	Total PAH	711.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	95.5	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	84.3	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	51		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.2		0.98	4	5	ug/L
86-73-7	Fluorene	40.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	41.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.3		0.89	4	5	ug/L
103-33-3	Azobenzene	41.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42.7		1.1	4	5	ug/L
1912-24-9	Atrazine	46.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BS	SDG No.:	BF062524
Lab Sample ID:	PB161675BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138327.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.4	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	42		0.89	4	5	ug/L
120-12-7	Anthracene	42.8		1.1	4	5	ug/L
86-74-8	Carbazole	39.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	38.9		1.3	4	5	ug/L
92-87-5	Benzidine	34.3		4.1	8	10	ug/L
129-00-0	Pyrene	39.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.7		0.94	4	5	ug/L
218-01-9	Chrysene	44.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	74.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	43.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	47.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.447		10-139		78	SPK: -150
13127-88-3	Phenol-d6	113.353		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	80		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	76.34		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161675BS	SDG No.:	BF062524
Lab Sample ID:	PB161675BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138327.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.7		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	78.179		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225165	6.886				
1146-65-2	Naphthalene-d8	915128	8.169				
15067-26-2	Acenaphthene-d10	510403	9.927				
1517-22-2	Phenanthrene-d10	887267	11.41				
1719-03-5	Chrysene-d12	508648	14.051				
1520-96-3	Perylene-d12	564989	15.521				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BL	SDG No.:	BF062524
Lab Sample ID:	PB161658BL	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
BF138328.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BL	SDG No.:	BF062524
Lab Sample ID:	PB161658BL	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
BF138328.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BL	SDG No.:	BF062524
Lab Sample ID:	PB161658BL	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
BF138328.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.769		18-112		79	SPK: -150
13127-88-3	Phenol-d6	117.213		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	83.017		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	76.716		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BL	SDG No.:	BF062524
Lab Sample ID:	PB161658BL	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
BF138328.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.172		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	84.593		14-112		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224050	6.887				
1146-65-2	Naphthalene-d8	890683	8.163				
15067-26-2	Acenaphthene-d10	509389	9.922				
1517-22-2	Phenanthrene-d10	921098	11.41				
1719-03-5	Chrysene-d12	523369	14.045				
1520-96-3	Perylene-d12	496366	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	95.3	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.128	

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BS	SDG No.:	BF062524
Lab Sample ID:	PB161658BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138329.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1700		180	270	330	ug/Kg
62-53-3	Aniline	970		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	630		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BS	SDG No.:	BF062524
Lab Sample ID:	PB161658BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138329.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BS	SDG No.:	BF062524
Lab Sample ID:	PB161658BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138329.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1300		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.6	130	170	ug/Kg
92-87-5	Benzidine	1400		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.101		18-112		77	SPK: -150
13127-88-3	Phenol-d6	113.162		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	80.271		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	76.447		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161658BS	SDG No.:	BF062524
Lab Sample ID:	PB161658BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138329.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.431		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	92.665		14-112		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224267	6.887				
1146-65-2	Naphthalene-d8	901298	8.169				
15067-26-2	Acenaphthene-d10	501885	9.928				
1517-22-2	Phenanthrene-d10	858016	11.41				
1719-03-5	Chrysene-d12	408661	14.051				
1520-96-3	Perylene-d12	475715	15.521				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161643TB	SDG No.:	BF062524
Lab Sample ID:	PB161643TB	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
BF138330.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161643TB	SDG No.:	BF062524
Lab Sample ID:	PB161643TB	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
BF138330.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161643TB	SDG No.:	BF062524
Lab Sample ID:	PB161643TB	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
BF138330.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.111		10-139		77	SPK: -150
13127-88-3	Phenol-d6	114.387		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	80.468		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	76.328		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	PB161643TB	SDG No.:	BF062524
Lab Sample ID:	PB161643TB	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
BF138330.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.009		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	87.04		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226698	6.881				
1146-65-2	Naphthalene-d8	900869	8.163				
15067-26-2	Acenaphthene-d10	508462	9.922				
1517-22-2	Phenanthrene-d10	904992	11.404				
1719-03-5	Chrysene-d12	495027	14.045				
1520-96-3	Perylene-d12	475912	15.521				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BF062524
Lab Sample ID:	P2998-04	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
BF138331.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BF062524
Lab Sample ID:	P2998-04	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
BF138331.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BF062524
Lab Sample ID:	P2998-04	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
BF138331.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.67		10-139		88	SPK: -150
13127-88-3	Phenol-d6	125.937		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	90.445		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	83.622		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BF062524
Lab Sample ID:	P2998-04	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
BF138331.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.943		32-145		110	SPK: -150
1718-51-0	Terphenyl-d14	97.928		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209466	6.887				
1146-65-2	Naphthalene-d8	813249	8.163				
15067-26-2	Acenaphthene-d10	471477	9.922				
1517-22-2	Phenanthrene-d10	920324	11.404				
1719-03-5	Chrysene-d12	551960	14.045				
1520-96-3	Perylene-d12	414495	15.521				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMS	SDG No.:	BF062524
Lab Sample ID:	P2998-04MS	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
BF138332.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	87.8		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	430		13.5	40	50	ug/L
98-86-2	Acetophenone	410		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	450		12.7	40	50	ug/L
78-59-1	Isophorone	480		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	630		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	530		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	480		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	580		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	38.5	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMS	SDG No.:	BF062524
Lab Sample ID:	P2998-04MS	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
BF138332.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	480		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	440		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	460		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	570		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	75.3		13.7	40	50	ug/L
83-32-9	Acenaphthene	530		8.1	40	50	ug/L
Total PAH	Total PAH	8460		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	860	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	610		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	180		27.6	40	100	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	330		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	620		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	350		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	500		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	160		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMS	SDG No.:	BF062524
Lab Sample ID:	P2998-04MS	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
BF138332.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	930	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	490		10.7	40	50	ug/L
86-74-8	Carbazole	310		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	570		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	44.3	J	40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	740		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	31.5	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	510		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	850	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	930	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	640		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	550		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	610		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	620		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	630		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	530		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	430		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.201		10-139		88	SPK: -150
13127-88-3	Phenol-d6	128.711		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	91.885		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	85.269		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMS	SDG No.:	BF062524
Lab Sample ID:	P2998-04MS	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
BF138332.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.336		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	101.08		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218037	6.887				
1146-65-2	Naphthalene-d8	879768	8.169				
15067-26-2	Acenaphthene-d10	504268	9.922				
1517-22-2	Phenanthrene-d10	911996	11.41				
1719-03-5	Chrysene-d12	456924	14.051				
1520-96-3	Perylene-d12	438842	15.521				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMSD	SDG No.:	BF062524
Lab Sample ID:	P2998-04MSD	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
BF138333.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	87		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	450		16	80	100	ug/L
95-48-7	2-Methylphenol	500		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	420		13.5	40	50	ug/L
98-86-2	Acetophenone	400		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	440		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	620		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	540		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	31.4	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMSD	SDG No.:	BF062524
Lab Sample ID:	P2998-04MSD	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
BF138333.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	480		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	520		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	510		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	440		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	460		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	560		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	72		13.7	40	50	ug/L
83-32-9	Acenaphthene	520		8.1	40	50	ug/L
Total PAH	Total PAH	8190		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	850	E	20	80	100	ug/L
132-64-9	Dibenzofuran	470		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	170		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	610		15.2	40	50	ug/L
84-66-2	Diethylphthalate	540		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	480		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	340		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	610		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	330		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	160		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMSD	SDG No.:	BF062524
Lab Sample ID:	P2998-04MSD	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
BF138333.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	910	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	470		10.7	40	50	ug/L
86-74-8	Carbazole	310		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	560		14.7	40	50	ug/L
206-44-0	Fluoranthene	430		12.9	40	50	ug/L
92-87-5	Benzidine	42.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	500		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	730		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	28.9	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	840	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	900	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	570		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	600		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	570		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	590		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	480		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	420		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.816		10-139		87	SPK: -150
13127-88-3	Phenol-d6	127.392		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	90.172		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	84.989		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPLMSD	SDG No.:	BF062524
Lab Sample ID:	P2998-04MSD	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
BF138333.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.264		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	100.63		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226388	6.887				
1146-65-2	Naphthalene-d8	924845	8.169				
15067-26-2	Acenaphthene-d10	531101	9.927				
1517-22-2	Phenanthrene-d10	979735	11.41				
1719-03-5	Chrysene-d12	488793	14.051				
1520-96-3	Perylene-d12	452820	15.521				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-03	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
BF138334.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-03	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
BF138334.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-03	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
BF138334.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.776		10-139		79	SPK: -150
13127-88-3	Phenol-d6	111.824		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	84.002		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	77.743		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-03	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
BF138334.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.006		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	91.107		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220238	6.887				
1146-65-2	Naphthalene-d8	870201	8.163				
15067-26-2	Acenaphthene-d10	508664	9.922				
1517-22-2	Phenanthrene-d10	978765	11.404				
1719-03-5	Chrysene-d12	599880	14.045				
1520-96-3	Perylene-d12	549878	15.521				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062524
Lab Sample ID:	P3009-03	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
BF138335.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062524
Lab Sample ID:	P3009-03	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
BF138335.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062524
Lab Sample ID:	P3009-03	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
BF138335.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.515		10-139		78	SPK: -150
13127-88-3	Phenol-d6	111.813		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	84.804		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	77.081		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062524
Lab Sample ID:	P3009-03	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
BF138335.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.04		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	88.243		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226627	6.886				
1146-65-2	Naphthalene-d8	882984	8.163				
15067-26-2	Acenaphthene-d10	517030	9.922				
1517-22-2	Phenanthrene-d10	1003076	11.404				
1719-03-5	Chrysene-d12	614623	14.045				
1520-96-3	Perylene-d12	569247	15.515				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-03	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
BF138336.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-03	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
BF138336.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-03	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
BF138336.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.805		10-139		77	SPK: -150
13127-88-3	Phenol-d6	106.791		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	85.675		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	78.208		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-03	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
BF138336.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.504		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	91.826		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221991	6.887				
1146-65-2	Naphthalene-d8	883805	8.163				
15067-26-2	Acenaphthene-d10	516731	9.922				
1517-22-2	Phenanthrene-d10	995052	11.404				
1719-03-5	Chrysene-d12	596115	14.045				
1520-96-3	Perylene-d12	551771	15.521				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-06	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
BF138337.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-06	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
BF138337.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-06	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
BF138337.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.969		10-139		75	SPK: -150
13127-88-3	Phenol-d6	101.903		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	86.011		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	77.399		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-06	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
BF138337.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.92		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	87.974		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227845	6.887				
1146-65-2	Naphthalene-d8	884346	8.163				
15067-26-2	Acenaphthene-d10	528066	9.916				
1517-22-2	Phenanthrene-d10	1028876	11.404				
1719-03-5	Chrysene-d12	638440	14.045				
1520-96-3	Perylene-d12	579725	15.521				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-09	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138338.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-09	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
BF138338.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-09	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
BF138338.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.643		10-139		80	SPK: -150
13127-88-3	Phenol-d6	116.887		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	88.027		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	80.725		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-09	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
BF138338.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.929		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	93.26		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212350	6.887				
1146-65-2	Naphthalene-d8	827088	8.163				
15067-26-2	Acenaphthene-d10	486608	9.916				
1517-22-2	Phenanthrene-d10	936482	11.404				
1719-03-5	Chrysene-d12	546721	14.045				
1520-96-3	Perylene-d12	497356	15.521				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-12	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
BF138339.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-12	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
BF138339.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-12	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
BF138339.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.912		10-139		79	SPK: -150
13127-88-3	Phenol-d6	111.476		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	87.396		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	78.401		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-12	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
BF138339.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.181		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	93.329		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229786	6.887				
1146-65-2	Naphthalene-d8	902272	8.163				
15067-26-2	Acenaphthene-d10	530021	9.916				
1517-22-2	Phenanthrene-d10	1021977	11.404				
1719-03-5	Chrysene-d12	589406	14.045				
1520-96-3	Perylene-d12	547667	15.515				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	BL-CONCRETE	SDG No.:	BF062524
Lab Sample ID:	P3022-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138340.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	BL-CONCRETE			SDG No.:	BF062524	
Lab Sample ID:	P3022-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138340.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	BL-CONCRETE	SDG No.:	BF062524
Lab Sample ID:	P3022-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138340.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.326		18-112		35	SPK: -150
13127-88-3	Phenol-d6	57.792		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	50.678		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	50.814		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	BL-CONCRETE	SDG No.:	BF062524
Lab Sample ID:	P3022-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138340.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	51.319		10-110		34	SPK: -150
1718-51-0	Terphenyl-d14	58.291		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215673	6.881				
1146-65-2	Naphthalene-d8	832627	8.163				
15067-26-2	Acenaphthene-d10	491149	9.916				
1517-22-2	Phenanthrene-d10	942649	11.404				
1719-03-5	Chrysene-d12	563332	14.039				
1520-96-3	Perylene-d12	579047	15.515				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	TR-06-062024	SDG No.:	BF062524
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138341.D	1	6/21/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57	U	57	180	220	ug/Kg
110-86-1	Pyridine	52.5	U	52.5	85.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.6	U	63.6	85.4	110	ug/Kg
108-95-2	Phenol	54.4	U	54.4	85.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	55	85.4	110	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	85.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.6	U	55.6	85.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.5	U	56.5	85.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.8	U	56.8	85.4	110	ug/Kg
100-51-6	Benzyl Alcohol	54.5	U	54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	52.9	U	52.9	85.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.7	U	59.7	85.4	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.4	U	52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	54.5	U	54.5	85.4	110	ug/Kg
98-95-3	Nitrobenzene	59.6	U	59.6	85.4	110	ug/Kg
78-59-1	Isophorone	55.6	U	55.6	85.4	110	ug/Kg
88-75-5	2-Nitrophenol	62.1	U	62.1	85.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.2	U	61.2	85.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.4	U	56.4	85.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.1	U	56.1	85.4	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.3	U	54.3	85.4	110	ug/Kg
106-47-8	4-Chloroaniline	54.3	U	54.3	85.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.7	U	54.7	85.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	TR-06-062024	SDG No.:	BF062524
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138341.D	1	6/21/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57	U	57	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.9	U	50.9	85.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	61.7	J	54.2	85.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.9	U	46.9	85.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.6	U	48.6	85.4	110	ug/Kg
92-52-4	1,1-Biphenyl	57.4	U	57.4	85.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.7	U	54.7	85.4	110	ug/Kg
88-74-4	2-Nitroaniline	62.4	U	62.4	85.4	110	ug/Kg
131-11-3	Dimethylphthalate	53.7	U	53.7	85.4	110	ug/Kg
208-96-8	Acenaphthylene	56.8	U	56.8	85.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	54.6	85.4	110	ug/Kg
99-09-2	3-Nitroaniline	58.6	U	58.6	85.4	110	ug/Kg
83-32-9	Acenaphthene	53.3	U	53.3	85.4	110	ug/Kg
Total PAH	Total PAH	1808.6	U	870.5	85.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.2	U	76.2	180	220	ug/Kg
132-64-9	Dibenzofuran	55.4	U	55.4	85.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.2	U	111.2	85.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.6	U	56.6	85.4	110	ug/Kg
84-66-2	Diethylphthalate	52.6	U	52.6	85.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.2	U	56.2	85.4	110	ug/Kg
86-73-7	Fluorene	56.2	U	56.2	85.4	110	ug/Kg
100-01-6	4-Nitroaniline	70.3	U	70.3	85.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.8	U	76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.6	U	53.6	85.4	110	ug/Kg
103-33-3	Azobenzene	52.3	U	52.3	85.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.8	U	51.8	85.4	110	ug/Kg
118-74-1	Hexachlorobenzene	55.8	U	55.8	85.4	110	ug/Kg
1912-24-9	Atrazine	60	U	60	85.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	TR-06-062024	SDG No.:	BF062524
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138341.D	1	6/21/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.8	U	50.8	180	220	ug/Kg
85-01-8	Phenanthrene	130		55.2	85.4	110	ug/Kg
120-12-7	Anthracene	55.4	U	55.4	85.4	110	ug/Kg
86-74-8	Carbazole	52.7	U	52.7	85.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.4	U	55.4	85.4	110	ug/Kg
206-44-0	Fluoranthene	320		53.7	85.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	310		54.5	85.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.6	U	63.6	85.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.8	U	64.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	180		53	85.4	110	ug/Kg
218-01-9	Chrysene	190		52.2	85.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.8	U	59.8	85.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.2	U	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		53.3	85.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	77.4	J	54.3	85.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	180		61.1	85.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.2	J	51.3	85.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.3	U	53.3	85.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110		52.6	85.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	85.4	110	ug/Kg
123-91-1	1,4-Dioxane	72.2	U	72.2	85.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.1	U	49.1	85.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.6	U	54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.976		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.111		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	54.024		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	63.942		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	TR-06-062024	SDG No.:	BF062524
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138341.D	1	6/21/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.285		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	60.344		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206464	6.887				
1146-65-2	Naphthalene-d8	690415	8.163				
15067-26-2	Acenaphthene-d10	305181	9.922				
1517-22-2	Phenanthrene-d10	538837	11.41				
1719-03-5	Chrysene-d12	384501	14.051				
1520-96-3	Perylene-d12	354052	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-50-5	Tridecane	540	J			8.757	
000629-59-4	Tetradecane	920	J			9.322	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	670	J			9.639	
000629-92-5	Nonadecane	940	J			9.851	
000629-94-7	Heneicosane	460	J			10.175	
000544-76-3	Hexadecane	1100	J			10.351	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	730	J			10.569	
001560-97-0	Dodecane, 2-methyl-	1600	J			10.828	
	unknown11.275	1000	J			11.275	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	700	J			11.304	
000593-45-3	Octadecane	900	J			11.698	
000112-39-0	Hexadecanoic acid, methyl ester	4700	J			11.816	
000057-10-3	n-Hexadecanoic acid	920	J			11.957	
000112-95-8	Eicosane	970	J			12.11	
002462-85-3	9,12-Octadecadienoic acid, methyl	16000	J			12.539	
000057-11-4	Octadecanoic acid	440	J			12.733	
000629-78-7	Heptadecane	550	J			13.227	
001120-28-1	Eicosanoic acid, methyl ester	450	J			13.322	
054833-23-7	Eicosane, 10-methyl-	490	J			13.892	

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	TR-06-062024	SDG No.:	BF062524
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138341.D	1	6/21/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000929-77-1	Docosanoic acid, methyl ester	490	J			13.986	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138342.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	620	U	620	1900	2400	ug/Kg
110-86-1	Pyridine	570	U	570	930	1200	ug/Kg
100-52-7	Benzaldehyde	1300	U	1300	1900	2400	ug/Kg
62-53-3	Aniline	700	U	700	930	1200	ug/Kg
108-95-2	Phenol	600	U	600	930	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	600	U	600	930	1200	ug/Kg
95-57-8	2-Chlorophenol	600	U	600	930	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	610	U	610	930	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	620	U	620	930	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	620	U	620	930	1200	ug/Kg
100-51-6	Benzyl Alcohol	600	U	600	1900	2400	ug/Kg
95-48-7	2-Methylphenol	580	U	580	930	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	650	U	650	930	1200	ug/Kg
98-86-2	Acetophenone	620	U	620	930	1200	ug/Kg
65794-96-9	3+4-Methylphenols	570	U	570	1900	2400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	290	U	290	580	580	ug/Kg
67-72-1	Hexachloroethane	600	U	600	930	1200	ug/Kg
98-95-3	Nitrobenzene	650	U	650	930	1200	ug/Kg
78-59-1	Isophorone	610	U	610	930	1200	ug/Kg
88-75-5	2-Nitrophenol	680	U	680	930	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	670	U	670	930	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	620	U	620	930	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	540	U	540	930	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	610	U	610	930	1200	ug/Kg
65-85-0	Benzoic acid	1700	U	1700	1900	2400	ug/Kg
91-20-3	Naphthalene	590	U	590	930	1200	ug/Kg
106-47-8	4-Chloroaniline	590	U	590	930	1200	ug/Kg
87-68-3	Hexachlorobutadiene	600	U	600	930	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138342.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	620	U	620	1900	2400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	560	U	560	930	1200	ug/Kg
91-57-6	2-Methylnaphthalene	590	U	590	930	1200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	1900	2400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	510	U	510	930	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	530	U	530	930	1200	ug/Kg
92-52-4	1,1-Biphenyl	630	U	630	930	1200	ug/Kg
91-58-7	2-Chloronaphthalene	600	U	600	930	1200	ug/Kg
88-74-4	2-Nitroaniline	680	U	680	930	1200	ug/Kg
131-11-3	Dimethylphthalate	590	U	590	930	1200	ug/Kg
208-96-8	Acenaphthylene	620	U	620	930	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	600	U	600	930	1200	ug/Kg
99-09-2	3-Nitroaniline	640	U	640	930	1200	ug/Kg
83-32-9	Acenaphthene	580	U	580	930	1200	ug/Kg
Total PAH	Total PAH	22740		9510	930	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1700	U	1700	1900	2400	ug/Kg
100-02-7	4-Nitrophenol	830	U	830	1900	2400	ug/Kg
132-64-9	Dibenzofuran	610	U	610	930	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	620	U	620	930	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	1220	930	2400	ug/Kg
84-66-2	Diethylphthalate	580	U	580	930	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	620	U	620	930	1200	ug/Kg
86-73-7	Fluorene	610	U	610	930	1200	ug/Kg
100-01-6	4-Nitroaniline	770	U	770	930	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	840	U	840	1900	2400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	590	U	590	930	1200	ug/Kg
103-33-3	Azobenzene	570	U	570	930	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	570	U	570	930	1200	ug/Kg
118-74-1	Hexachlorobenzene	610	U	610	930	1200	ug/Kg
1912-24-9	Atrazine	660	U	660	930	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138342.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	560	U	560	1900	2400	ug/Kg
85-01-8	Phenanthrene	3800		600	930	1200	ug/Kg
120-12-7	Anthracene	940	J	610	930	1200	ug/Kg
86-74-8	Carbazole	580	U	580	930	1200	ug/Kg
84-74-2	Di-n-butylphthalate	610	U	610	930	1200	ug/Kg
206-44-0	Fluoranthene	4500		590	930	1200	ug/Kg
92-87-5	Benzidine	1200	U	1200	1900	2400	ug/Kg
129-00-0	Pyrene	3200		600	930	1200	ug/Kg
85-68-7	Butylbenzylphthalate	700	U	700	930	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	710	U	710	1900	2400	ug/Kg
56-55-3	Benzo(a)anthracene	2000		580	930	1200	ug/Kg
218-01-9	Chrysene	1800		570	930	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	650	U	650	930	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	790	U	790	1900	2400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		580	930	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	630	J	590	930	1200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		670	930	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810	J	560	930	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	580	U	580	930	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860	J	580	930	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	930	1200	ug/Kg
123-91-1	1,4-Dioxane	790	U	790	930	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	540	U	540	930	1200	ug/Kg
90-12-0	1-Methylnaphthalene	600	U	600	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.08		18-112		46	SPK: -150
13127-88-3	Phenol-d6	67.23		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	47.39		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	56.19		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-008	SDG No.:	BF062524
Lab Sample ID:	P3021-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138342.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.71		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	50.66		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208736	6.887				
1146-65-2	Naphthalene-d8	769472	8.169				
15067-26-2	Acenaphthene-d10	372355	9.922				
1517-22-2	Phenanthrene-d10	565569	11.41				
1719-03-5	Chrysene-d12	401041	14.045				
1520-96-3	Perylene-d12	339143	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.146	
002531-84-2	Phenanthrene, 2-methyl-	560	J			11.91	
000613-12-7	Anthracene, 2-methyl-	590	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	800	J			12.022	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138343.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1700	2100	ug/Kg
110-86-1	Pyridine	510	U	510	830	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	830	1100	ug/Kg
108-95-2	Phenol	530	U	530	830	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	830	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	830	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	830	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	830	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	830	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	830	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	830	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	830	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	830	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	830	1100	ug/Kg
78-59-1	Isophorone	540	U	540	830	1100	ug/Kg
88-75-5	2-Nitrophenol	610	U	610	830	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	830	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	830	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	830	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	830	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	830	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	830	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	830	1100	ug/Kg



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	ARS20-0018			SDG No.:	BF062524	
Lab Sample ID:	P3021-04			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	6.5	
Sample Wt/Vol:	50.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138343.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	830	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	830	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	830	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	830	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	830	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	830	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	830	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	830	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	830	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	830	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	830	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	830	1100	ug/Kg
Total PAH	Total PAH	32000	U	8490	830	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	740	U	740	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	830	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	830	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	830	1100	ug/Kg
84-66-2	Diethylphthalate	510	U	510	830	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	830	1100	ug/Kg
86-73-7	Fluorene	550	U	550	830	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	830	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	U	750	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	830	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	830	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	830	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	830	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	830	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138343.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1700	2100	ug/Kg
85-01-8	Phenanthrene	4100		540	830	1100	ug/Kg
120-12-7	Anthracene	900	J	540	830	1100	ug/Kg
86-74-8	Carbazole	510	U	510	830	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	830	1100	ug/Kg
206-44-0	Fluoranthene	6300		520	830	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	4500		530	830	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	830	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	3100		520	830	1100	ug/Kg
218-01-9	Chrysene	2900		510	830	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	830	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	710	U	710	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3700		520	830	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	J	530	830	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2700		600	830	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		500	830	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	830	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		510	830	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	830	1100	ug/Kg
123-91-1	1,4-Dioxane	710	U	710	830	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	830	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.9		18-112		51	SPK: -150
13127-88-3	Phenol-d6	72.73		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	51.9		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	61.96		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0018	SDG No.:	BF062524
Lab Sample ID:	P3021-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138343.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.84		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	61.04		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208026	6.887				
1146-65-2	Naphthalene-d8	740886	8.169				
15067-26-2	Acenaphthene-d10	359443	9.922				
1517-22-2	Phenanthrene-d10	564426	11.404				
1719-03-5	Chrysene-d12	415456	14.045				
1520-96-3	Perylene-d12	328279	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.146	
000613-12-7	Anthracene, 2-methyl-	660	J			11.91	
002531-84-2	Phenanthrene, 2-methyl-	850	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			12.022	
000612-94-2	Naphthalene, 2-phenyl-	440	J			12.204	
002789-88-0	di-p-Tolylacetylene	470	J			12.457	
000243-17-4	11H-Benzo[b]fluorene	500	J			13.175	
000192-97-2	Benzo[e]pyrene	440	J			15.198	
000198-55-0	Perylene	1800	J			15.398	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
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
BF138344.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	590	U	590	1800	2300	ug/Kg
110-86-1	Pyridine	550	U	550	890	1200	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2300	ug/Kg
62-53-3	Aniline	660	U	660	890	1200	ug/Kg
108-95-2	Phenol	570	U	570	890	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	570	U	570	890	1200	ug/Kg
95-57-8	2-Chlorophenol	570	U	570	890	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	580	U	580	890	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	590	U	590	890	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	590	U	590	890	1200	ug/Kg
100-51-6	Benzyl Alcohol	570	U	570	1800	2300	ug/Kg
95-48-7	2-Methylphenol	550	U	550	890	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	620	U	620	890	1200	ug/Kg
98-86-2	Acetophenone	590	U	590	890	1200	ug/Kg
65794-96-9	3+4-Methylphenols	550	U	550	1800	2300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280	U	280	550	550	ug/Kg
67-72-1	Hexachloroethane	570	U	570	890	1200	ug/Kg
98-95-3	Nitrobenzene	620	U	620	890	1200	ug/Kg
78-59-1	Isophorone	580	U	580	890	1200	ug/Kg
88-75-5	2-Nitrophenol	650	U	650	890	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	640	U	640	890	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	590	U	590	890	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	520	U	520	890	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	580	U	580	890	1200	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2300	ug/Kg
91-20-3	Naphthalene	560	U	560	890	1200	ug/Kg
106-47-8	4-Chloroaniline	560	U	560	890	1200	ug/Kg
87-68-3	Hexachlorobutadiene	570	U	570	890	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
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
BF138344.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	590	U	590	1800	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	530	U	530	890	1200	ug/Kg
91-57-6	2-Methylnaphthalene	560	U	560	890	1200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	1800	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	490	U	490	890	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	510	U	510	890	1200	ug/Kg
92-52-4	1,1-Biphenyl	600	U	600	890	1200	ug/Kg
91-58-7	2-Chloronaphthalene	570	U	570	890	1200	ug/Kg
88-74-4	2-Nitroaniline	650	U	650	890	1200	ug/Kg
131-11-3	Dimethylphthalate	560	U	560	890	1200	ug/Kg
208-96-8	Acenaphthylene	590	U	590	890	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	570	U	570	890	1200	ug/Kg
99-09-2	3-Nitroaniline	610	U	610	890	1200	ug/Kg
83-32-9	Acenaphthene	550	U	550	890	1200	ug/Kg
Total PAH	Total PAH	31190	U	9040	890	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1700	U	1700	1800	2300	ug/Kg
100-02-7	4-Nitrophenol	790	U	790	1800	2300	ug/Kg
132-64-9	Dibenzofuran	580	U	580	890	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	590	U	590	890	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	160	U	1160	890	2400	ug/Kg
84-66-2	Diethylphthalate	550	U	550	890	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	U	590	890	1200	ug/Kg
86-73-7	Fluorene	580	U	580	890	1200	ug/Kg
100-01-6	4-Nitroaniline	730	U	730	890	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	800	U	800	1800	2300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	560	U	560	890	1200	ug/Kg
103-33-3	Azobenzene	540	U	540	890	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	540	U	540	890	1200	ug/Kg
118-74-1	Hexachlorobenzene	580	U	580	890	1200	ug/Kg
1912-24-9	Atrazine	620	U	620	890	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
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
BF138344.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	530	U	530	1800	2300	ug/Kg
85-01-8	Phenanthrene	3200		570	890	1200	ug/Kg
120-12-7	Anthracene	730	J	580	890	1200	ug/Kg
86-74-8	Carbazole	550	U	550	890	1200	ug/Kg
84-74-2	Di-n-butylphthalate	580	U	580	890	1200	ug/Kg
206-44-0	Fluoranthene	6200		560	890	1200	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2300	ug/Kg
129-00-0	Pyrene	4700		570	890	1200	ug/Kg
85-68-7	Butylbenzylphthalate	660	U	660	890	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	670	U	670	1800	2300	ug/Kg
56-55-3	Benzo(a)anthracene	3000		550	890	1200	ug/Kg
218-01-9	Chrysene	2900		540	890	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	620	U	620	890	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	750	U	750	1800	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800		550	890	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	960	J	560	890	1200	ug/Kg
50-32-8	Benzo(a)pyrene	2900		640	890	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		530	890	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	560	U	560	890	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		550	890	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	590	U	590	890	1200	ug/Kg
123-91-1	1,4-Dioxane	750	U	750	890	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	510	U	510	890	1200	ug/Kg
90-12-0	1-Methylnaphthalene	570	U	570	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.8		18-112		61	SPK: -150
13127-88-3	Phenol-d6	84.34		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.52		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	74.5		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-0015	SDG No.:	BF062524
Lab Sample ID:	P3021-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
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
BF138344.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.88		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	64.1		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203257	6.887				
1146-65-2	Naphthalene-d8	713796	8.169				
15067-26-2	Acenaphthene-d10	329097	9.922				
1517-22-2	Phenanthrene-d10	531329	11.404				
1719-03-5	Chrysene-d12	412707	14.045				
1520-96-3	Perylene-d12	334390	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.146	
002531-84-2	Phenanthrene, 2-methyl-	670	J			11.91	
000613-12-7	Anthracene, 2-methyl-	800	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200	J			12.016	
003674-66-6	Phenanthrene, 2,5-dimethyl-	570	J			12.457	
005737-13-3	Cyclopenta(def)phenanthrenone	460	J			12.539	
002381-21-7	Pyrene, 1-methyl-	460	J			13.063	
000243-17-4	11H-Benzo[b]fluorene	510	J			13.174	
000192-97-2	Benzo[e]pyrene	690	J			15.198	
000205-82-3	Benzo[j]fluoranthene	2000	J			15.392	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF138345.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	580	U	580	1800	2200	ug/Kg
110-86-1	Pyridine	530	U	530	860	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	640	U	640	860	1100	ug/Kg
108-95-2	Phenol	550	U	550	860	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	560	U	560	860	1100	ug/Kg
95-57-8	2-Chlorophenol	560	U	560	860	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	560	U	560	860	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	570	U	570	860	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	580	U	580	860	1100	ug/Kg
100-51-6	Benzyl Alcohol	550	U	550	1800	2200	ug/Kg
95-48-7	2-Methylphenol	540	U	540	860	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	600	U	600	860	1100	ug/Kg
98-86-2	Acetophenone	580	U	580	860	1100	ug/Kg
65794-96-9	3+4-Methylphenols	530	U	530	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270	U	270	530	530	ug/Kg
67-72-1	Hexachloroethane	550	U	550	860	1100	ug/Kg
98-95-3	Nitrobenzene	600	U	600	860	1100	ug/Kg
78-59-1	Isophorone	560	U	560	860	1100	ug/Kg
88-75-5	2-Nitrophenol	630	U	630	860	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	860	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	570	U	570	860	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	500	U	500	860	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	570	U	570	860	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	550	U	550	860	1100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	860	1100	ug/Kg
87-68-3	Hexachlorobutadiene	550	U	550	860	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.08 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
BF138345.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	580	U	580	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	520	U	520	860	1100	ug/Kg
91-57-6	2-Methylnaphthalene	550	U	550	860	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	860	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	860	1100	ug/Kg
92-52-4	1,1-Biphenyl	580	U	580	860	1100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	860	1100	ug/Kg
88-74-4	2-Nitroaniline	630	U	630	860	1100	ug/Kg
131-11-3	Dimethylphthalate	540	U	540	860	1100	ug/Kg
208-96-8	Acenaphthylene	580	U	580	860	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	860	1100	ug/Kg
99-09-2	3-Nitroaniline	590	U	590	860	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	860	1100	ug/Kg
Total PAH	Total PAH	43770	U	8820	860	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	770	U	770	1800	2200	ug/Kg
132-64-9	Dibenzofuran	560	U	560	860	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120	U	1120	860	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	570	U	570	860	1100	ug/Kg
84-66-2	Diethylphthalate	530	U	530	860	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	860	1100	ug/Kg
86-73-7	Fluorene	570	U	570	860	1100	ug/Kg
100-01-6	4-Nitroaniline	710	U	710	860	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780	U	780	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	540	U	540	860	1100	ug/Kg
103-33-3	Azobenzene	530	U	530	860	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	860	1100	ug/Kg
118-74-1	Hexachlorobenzene	570	U	570	860	1100	ug/Kg
1912-24-9	Atrazine	610	U	610	860	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF138345.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	510	U	510	1800	2200	ug/Kg
85-01-8	Phenanthrene	5900		560	860	1100	ug/Kg
120-12-7	Anthracene	1100		560	860	1100	ug/Kg
86-74-8	Carbazole	570	J	530	860	1100	ug/Kg
84-74-2	Di-n-butylphthalate	560	U	560	860	1100	ug/Kg
206-44-0	Fluoranthene	8200		540	860	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	5700		550	860	1100	ug/Kg
85-68-7	Butylbenzylphthalate	640	U	640	860	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660	U	660	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	4100		540	860	1100	ug/Kg
218-01-9	Chrysene	3900		530	860	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610	U	610	860	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	730	U	730	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	5300		540	860	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		550	860	1100	ug/Kg
50-32-8	Benzo(a)pyrene	3800		620	860	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		520	860	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	J	540	860	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		530	860	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	860	1100	ug/Kg
123-91-1	1,4-Dioxane	730	U	730	860	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	500	U	500	860	1100	ug/Kg
90-12-0	1-Methylnaphthalene	550	U	550	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.44		18-112		64	SPK: -150
13127-88-3	Phenol-d6	91.54		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	62.8		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	79.9		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	ARS20-006	SDG No.:	BF062524
Lab Sample ID:	P3021-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF138345.D	10	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.1		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	71.73		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216617	6.887				
1146-65-2	Naphthalene-d8	801197	8.163				
15067-26-2	Acenaphthene-d10	373042	9.922				
1517-22-2	Phenanthrene-d10	575569	11.41				
1719-03-5	Chrysene-d12	413835	14.045				
1520-96-3	Perylene-d12	335202	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.146	
	unknown10.016	710	J			10.016	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	460	J			11.269	
002531-84-2	Phenanthrene, 2-methyl-	790	J			11.91	
000613-12-7	Anthracene, 2-methyl-	920	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200	J			12.022	
000612-94-2	Naphthalene, 2-phenyl-	500	J			12.204	
000084-65-1	9,10-Anthracenedione	450	J			12.227	
003674-66-6	Phenanthrene, 2,5-dimethyl-	610	J			12.457	
005737-13-3	Cyclopenta(def)phenanthrenone	510	J			12.539	
002381-21-7	Pyrene, 1-methyl-	490	J			13.069	
000243-17-4	11H-Benzo[b]fluorene	470	J			13.174	
000192-97-2	Benzo[e]pyrene	750	J			15.198	
000198-55-0	Perylene	2600	J			15.398	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138346.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.9	U	61.9	190	240	ug/Kg
110-86-1	Pyridine	56.9	U	56.9	92.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69	U	69	92.6	120	ug/Kg
108-95-2	Phenol	59.1	U	59.1	92.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.6	U	59.6	92.6	120	ug/Kg
95-57-8	2-Chlorophenol	59.5	U	59.5	92.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.3	U	60.3	92.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.3	U	61.3	92.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.6	U	61.6	92.6	120	ug/Kg
100-51-6	Benzyl Alcohol	59.1	U	59.1	190	240	ug/Kg
95-48-7	2-Methylphenol	57.4	U	57.4	92.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.8	U	64.8	92.6	120	ug/Kg
98-86-2	Acetophenone	61.9	U	61.9	92.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.9	U	56.9	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.7	U	28.7	57	57	ug/Kg
67-72-1	Hexachloroethane	59.1	U	59.1	92.6	120	ug/Kg
98-95-3	Nitrobenzene	64.7	U	64.7	92.6	120	ug/Kg
78-59-1	Isophorone	60.3	U	60.3	92.6	120	ug/Kg
88-75-5	2-Nitrophenol	67.3	U	67.3	92.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.4	U	66.4	92.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.1	U	61.1	92.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.8	U	53.8	92.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.9	U	60.9	92.6	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	58.9	U	58.9	92.6	120	ug/Kg
106-47-8	4-Chloroaniline	58.9	U	58.9	92.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.4	U	59.4	92.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138346.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61.9	U	61.9	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.2	U	55.2	92.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.8	U	58.8	92.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.9	U	50.9	92.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.7	U	52.7	92.6	120	ug/Kg
92-52-4	1,1-Biphenyl	62.3	U	62.3	92.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.4	U	59.4	92.6	120	ug/Kg
88-74-4	2-Nitroaniline	67.7	U	67.7	92.6	120	ug/Kg
131-11-3	Dimethylphthalate	58.2	U	58.2	92.6	120	ug/Kg
208-96-8	Acenaphthylene	61.6	U	61.6	92.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.3	U	59.3	92.6	120	ug/Kg
99-09-2	3-Nitroaniline	63.6	U	63.6	92.6	120	ug/Kg
83-32-9	Acenaphthene	100	J	57.8	92.6	120	ug/Kg
Total PAH	Total PAH	5521.8		944.4	92.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	82.7	U	82.7	190	240	ug/Kg
132-64-9	Dibenzofuran	60.1	U	60.1	92.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20.7	U	120.7	92.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.4	U	61.4	92.6	120	ug/Kg
84-66-2	Diethylphthalate	57.1	U	57.1	92.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	92.6	120	ug/Kg
86-73-7	Fluorene	90.1	J	60.9	92.6	120	ug/Kg
100-01-6	4-Nitroaniline	76.2	U	76.2	92.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.4	U	83.4	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.1	U	58.1	92.6	120	ug/Kg
103-33-3	Azobenzene	56.7	U	56.7	92.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.2	U	56.2	92.6	120	ug/Kg
118-74-1	Hexachlorobenzene	60.6	U	60.6	92.6	120	ug/Kg
1912-24-9	Atrazine	65.1	U	65.1	92.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138346.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.1	U	55.1	190	240	ug/Kg
85-01-8	Phenanthrene	590		59.9	92.6	120	ug/Kg
120-12-7	Anthracene	160		60.1	92.6	120	ug/Kg
86-74-8	Carbazole	57.2	U	57.2	92.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.1	U	60.1	92.6	120	ug/Kg
206-44-0	Fluoranthene	970		58.2	92.6	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	800		59.1	92.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	69	92.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.3	U	70.3	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	480		57.5	92.6	120	ug/Kg
218-01-9	Chrysene	470		56.7	92.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.8	U	64.8	92.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.4	U	78.4	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	600		57.8	92.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		58.9	92.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	490		66.3	92.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		55.7	92.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71.7	J	57.9	92.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		57.1	92.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.9	U	61.9	92.6	120	ug/Kg
123-91-1	1,4-Dioxane	78.4	U	78.4	92.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.2	U	53.2	92.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.3	U	59.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.402		18-112		54	SPK: -150
13127-88-3	Phenol-d6	75.358		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	57.447		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	54.99		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138346.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.112		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	48.292		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227277	6.887				
1146-65-2	Naphthalene-d8	806005	8.169				
15067-26-2	Acenaphthene-d10	371073	9.922				
1517-22-2	Phenanthrene-d10	596944	11.41				
1719-03-5	Chrysene-d12	426082	14.051				
1520-96-3	Perylene-d12	358373	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	85.3	A			5.11	
	unknown10.016	170	J			10.016	
055045-07-3	Dodecane, 2-methyl-8-propyl-	100	J			10.833	
000233-02-3	Naphtho[2,1-b]thiophene	87.9	J			11.304	
000610-48-0	Anthracene, 1-methyl-	78.6	J			11.91	
002531-84-2	Phenanthrene, 2-methyl-	180	J			11.933	
000832-71-3	Phenanthrene, 3-methyl-	57	J			11.986	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			12.022	
000832-69-9	Phenanthrene, 1-methyl-	55.6	J			12.045	
003674-66-6	Phenanthrene, 2,5-dimethyl-	67.5	J			12.463	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	64.6	J			12.498	
005737-13-3	Cyclopenta(def)phenanthrenone	52.7	J			12.545	
002381-21-7	Pyrene, 1-methyl-	69.8	J			13.069	
000243-17-4	11H-Benzo[b]fluorene	75.3	J			13.174	
003353-12-6	Pyrene, 4-methyl-	57.2	J			13.28	
000479-79-8	11H-Benzo[a]fluoren-11-one	99.3	J			13.892	
000192-97-2	Benzo[e]pyrene	110	J			15.198	
000205-82-3	Benzo[j]fluoranthene	350	J			15.398	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062524
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138346.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001617-70-5	Lup-20(29)-en-3-one	520	J			18.192	



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

Hit Summary Sheet SW-846

SDG No.: BF062524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TR-06-062024								
P2997-01	TR-06-062024	Solid	9,12-Octadecadienoic acid, methyl *	16,000.000	J			
P2997-01	TR-06-062024	Solid	Carbonic acid, eicosyl vinyl ester *	670.000	J			
P2997-01	TR-06-062024	Solid	Docosanoic acid, methyl ester *	490.000	J			
P2997-01	TR-06-062024	Solid	Dodecane, 2-methyl- *	1,600.000	J			
P2997-01	TR-06-062024	Solid	Eicosane *	970.000	J			
P2997-01	TR-06-062024	Solid	Eicosane, 10-methyl- *	490.000	J			
P2997-01	TR-06-062024	Solid	Eicosanoic acid, methyl ester *	450.000	J			
P2997-01	TR-06-062024	Solid	Heneicosane *	460.000	J			
P2997-01	TR-06-062024	Solid	Heptadecane *	550.000	J			
P2997-01	TR-06-062024	Solid	Heptadecane, 2,6,10,15-tetramethyl- *	700.000	J			
P2997-01	TR-06-062024	Solid	Hexadecane *	1,100.000	J			
P2997-01	TR-06-062024	Solid	Hexadecanoic acid, methyl ester *	4,700.000	J			
P2997-01	TR-06-062024	Solid	n-Hexadecanoic acid *	920.000	J			
P2997-01	TR-06-062024	Solid	Nonadecane *	940.000	J			
P2997-01	TR-06-062024	Solid	Octadecane *	900.000	J			
P2997-01	TR-06-062024	Solid	Octadecanoic acid *	440.000	J			
P2997-01	TR-06-062024	Solid	Pentadecane, 2,6,10-trimethyl- *	730.000	J			
P2997-01	TR-06-062024	Solid	Tetradecane *	920.000	J			
P2997-01	TR-06-062024	Solid	Tridecane *	540.000	J			
P2997-01	TR-06-062024	Solid	unknown11.275 *	1,000.000	J			
Total Tics :				34,570.00				
P2997-01	TR-06-062024	Solid	2-Methylnaphthalene	61.700	J	54.2	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(a)anthracene	180.000		53	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(a)pyrene	180.000		61.1	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(b)fluoranthene	220.000		53.3	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(g,h,i)perylene	110.000		52.6	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(k)fluoranthene	77.400	J	54.3	110	ug/Kg
P2997-01	TR-06-062024	Solid	Chrysene	190.000		52.2	110	ug/Kg
P2997-01	TR-06-062024	Solid	Fluoranthene	320.000		53.7	110	ug/Kg
P2997-01	TR-06-062024	Solid	Indeno(1,2,3-cd)pyrene	91.200	J	51.3	110	ug/Kg
P2997-01	TR-06-062024	Solid	Phenanthrene	130.000		55.2	110	ug/Kg
P2997-01	TR-06-062024	Solid	Pyrene	310.000		54.5	110	ug/Kg
Total Svoc :				1,870.30				
Total Concentration:				36,440.30				
Client ID : WC-WS-6-21-24								
P3008-01	WC-WS-6-21-24	Solid	11H-Benzo[a]fluoren-11-one *	99.300	J			
P3008-01	WC-WS-6-21-24	Solid	11H-Benzo[b]fluorene *	75.300	J			

Hit Summary Sheet SW-846

SDG No.: BF062524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3008-01	WC-WS-6-21-24	Solid	2-Pentanone, 4-hydroxy-4-methyl *	85.300	A			
P3008-01	WC-WS-6-21-24	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P3008-01	WC-WS-6-21-24	Solid	Anthracene, 1-methyl-	78.600	J			
P3008-01	WC-WS-6-21-24	Solid	Benzo[e]pyrene *	110.000	J			
P3008-01	WC-WS-6-21-24	Solid	Benzo[j]fluoranthene *	350.000	J			
P3008-01	WC-WS-6-21-24	Solid	Butane, 2-methoxy-2-methyl-	1,300.000	J			
P3008-01	WC-WS-6-21-24	Solid	Cyclopenta(def)phenanthrenone *	52.700	J			
P3008-01	WC-WS-6-21-24	Solid	Dodecane, 2-methyl-8-propyl-	100.000	J			
P3008-01	WC-WS-6-21-24	Solid	Lup-20(29)-en-3-one *	520.000	J			
P3008-01	WC-WS-6-21-24	Solid	Naphtho[2,1-b]thiophene *	87.900	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 1-methyl-	55.600	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 2,5-dimethyl-	67.500	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 2-methyl-	180.000	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 3-methyl-	57.000	J			
P3008-01	WC-WS-6-21-24	Solid	Pyrene, 1-methyl-	69.800	J			
P3008-01	WC-WS-6-21-24	Solid	Pyrene, 4,5,9,10-tetrahydro-	64.600	J			
P3008-01	WC-WS-6-21-24	Solid	Pyrene, 4-methyl-	57.200	J			
P3008-01	WC-WS-6-21-24	Solid	unknown10.016 *	170.000	J			
Total Tics :				3,770.80				
P3008-01	WC-WS-6-21-24	Solid	Acenaphthene	100.000	J	57.8	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Anthracene	160.000		60.1	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(a)anthracene	480.000		57.5	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(a)pyrene	490.000		66.3	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(b)fluoranthene	600.000		57.8	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(g,h,i)perylene	280.000		57.1	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(k)fluoranthene	190.000		58.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Chrysene	470.000		56.7	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Dibenzo(a,h)anthracene	71.700	J	57.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Fluoranthene	970.000		58.2	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Fluorene	90.100	J	60.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Indeno(1,2,3-cd)pyrene	230.000		55.7	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene	590.000		59.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Pyrene	800.000		59.1	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Total PAH	5,521.000		944.4	1920	ug/Kg
Total Svoc :				11,042.80				
Total Concentration:				14,813.60				

Client ID : ARS20-008

P3021-01	ARS20-008	Solid	4H-Cyclopenta[def]phenanthrene *	800.000	J			
P3021-01	ARS20-008	Solid	Anthracene, 2-methyl-	590.000	J			
P3021-01	ARS20-008	Solid	Butane, 2-methoxy-2-methyl-	1,600.000	J			

Hit Summary Sheet SW-846

SDG No.: BF062524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3021-01	ARS20-008	Solid	Phenanthrene, 2-methyl-	*	560.000	J		
Total Tics :					3,550.00			
P3021-01	ARS20-008	Solid	Anthracene		940.000	J	610	1200 ug/Kg
P3021-01	ARS20-008	Solid	Benzo(a)anthracene		2,000.000		580	1200 ug/Kg
P3021-01	ARS20-008	Solid	Benzo(a)pyrene		1,800.000		670	1200 ug/Kg
P3021-01	ARS20-008	Solid	Benzo(b)fluoranthene		2,400.000		580	1200 ug/Kg
P3021-01	ARS20-008	Solid	Benzo(g,h,i)perylene		860.000	J	580	1200 ug/Kg
P3021-01	ARS20-008	Solid	Benzo(k)fluoranthene		630.000	J	590	1200 ug/Kg
P3021-01	ARS20-008	Solid	Chrysene		1,800.000		570	1200 ug/Kg
P3021-01	ARS20-008	Solid	Fluoranthene		4,500.000		590	1200 ug/Kg
P3021-01	ARS20-008	Solid	Indeno(1,2,3-cd)pyrene		810.000	J	560	1200 ug/Kg
P3021-01	ARS20-008	Solid	Phenanthrene		3,800.000		600	1200 ug/Kg
P3021-01	ARS20-008	Solid	Pyrene		3,200.000		600	1200 ug/Kg
P3021-01	ARS20-008	Solid	Total PAH		22,740.000		9510	19200 ug/Kg
Total Svoc :					45,480.00			
Total Concentration:					49,030.00			

Client ID : ARS20-0018

P3021-04	ARS20-0018	Solid	11H-Benzo[b]fluorene	*	500.000	J		
P3021-04	ARS20-0018	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J		
P3021-04	ARS20-0018	Solid	Anthracene, 2-methyl-	*	660.000	J		
P3021-04	ARS20-0018	Solid	Benzo[e]pyrene	*	440.000	J		
P3021-04	ARS20-0018	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3021-04	ARS20-0018	Solid	di-p-Tolylacetylene	*	470.000	J		
P3021-04	ARS20-0018	Solid	Naphthalene, 2-phenyl-	*	440.000	J		
P3021-04	ARS20-0018	Solid	Perylene	*	1,800.000	J		
P3021-04	ARS20-0018	Solid	Phenanthrene, 2-methyl-	*	850.000	J		
Total Tics :					7,860.00			
P3021-04	ARS20-0018	Solid	Anthracene		900.000	J	540	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Benzo(a)anthracene		3,100.000		520	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Benzo(a)pyrene		2,700.000		600	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Benzo(b)fluoranthene		3,700.000		520	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Benzo(g,h,i)perylene		1,400.000		510	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Benzo(k)fluoranthene		1,000.000	J	530	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Chrysene		2,900.000		510	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Fluoranthene		6,300.000		520	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Indeno(1,2,3-cd)pyrene		1,400.000		500	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Phenanthrene		4,100.000		540	1100 ug/Kg
P3021-04	ARS20-0018	Solid	Pyrene		4,500.000		530	1100 ug/Kg
Total Svoc :					32,000.00			

Hit Summary Sheet SW-846

SDG No.: BF062524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				39,860.00				
Client ID : ARS20-006								
P3021-07	ARS20-006	Solid	11H-Benzo[b]fluorene	*	470.000	J		
P3021-07	ARS20-006	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200.000	J		
P3021-07	ARS20-006	Solid	9,10-Anthracenedione	*	450.000	J		
P3021-07	ARS20-006	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	460.000	J		
P3021-07	ARS20-006	Solid	Anthracene, 2-methyl-	*	920.000	J		
P3021-07	ARS20-006	Solid	Benzo[e]pyrene	*	750.000	J		
P3021-07	ARS20-006	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P3021-07	ARS20-006	Solid	Cyclopenta(def)phenanthrenone	*	510.000	J		
P3021-07	ARS20-006	Solid	Naphthalene, 2-phenyl-	*	500.000	J		
P3021-07	ARS20-006	Solid	Perylene	*	2,600.000	J		
P3021-07	ARS20-006	Solid	Phenanthrene, 2,5-dimethyl-	*	610.000	J		
P3021-07	ARS20-006	Solid	Phenanthrene, 2-methyl-	*	790.000	J		
P3021-07	ARS20-006	Solid	Pyrene, 1-methyl-	*	490.000	J		
P3021-07	ARS20-006	Solid	unknown10.016	*	710.000	J		
Total Tics :				12,360.00				
P3021-07	ARS20-006	Solid	Anthracene		1,100.000	560	1100	ug/Kg
P3021-07	ARS20-006	Solid	Benzo(a)anthracene		4,100.000	540	1100	ug/Kg
P3021-07	ARS20-006	Solid	Benzo(a)pyrene		3,800.000	620	1100	ug/Kg
P3021-07	ARS20-006	Solid	Benzo(b)fluoranthene		5,300.000	540	1100	ug/Kg
P3021-07	ARS20-006	Solid	Benzo(g,h,i)perylene		1,900.000	530	1100	ug/Kg
P3021-07	ARS20-006	Solid	Benzo(k)fluoranthene		1,500.000	550	1100	ug/Kg
P3021-07	ARS20-006	Solid	Carbazole		570.000	J 530	1100	ug/Kg
P3021-07	ARS20-006	Solid	Chrysene		3,900.000	530	1100	ug/Kg
P3021-07	ARS20-006	Solid	Dibenzo(a,h)anthracene		570.000	J 540	1100	ug/Kg
P3021-07	ARS20-006	Solid	Fluoranthene		8,200.000	540	1100	ug/Kg
P3021-07	ARS20-006	Solid	Indeno(1,2,3-cd)pyrene		1,800.000	520	1100	ug/Kg
P3021-07	ARS20-006	Solid	Phenanthrene		5,900.000	560	1100	ug/Kg
P3021-07	ARS20-006	Solid	Pyrene		5,700.000	550	1100	ug/Kg
Total Svoc :				44,340.00				
Total Concentration:				56,700.00				
Client ID : ARS20-0015								
P3021-10	ARS20-0015	Solid	11H-Benzo[b]fluorene	*	510.000	J		
P3021-10	ARS20-0015	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200.000	J		
P3021-10	ARS20-0015	Solid	Anthracene, 2-methyl-	*	800.000	J		
P3021-10	ARS20-0015	Solid	Benzo[e]pyrene	*	690.000	J		
P3021-10	ARS20-0015	Solid	Benzo[j]fluoranthene	*	2,000.000	J		
P3021-10	ARS20-0015	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3021-10	ARS20-0015	Solid	Cyclopenta(def)phenanthrenone	*	460.000	J		
P3021-10	ARS20-0015	Solid	Phenanthrene, 2,5-dimethyl-	*	570.000	J		
P3021-10	ARS20-0015	Solid	Phenanthrene, 2-methyl-	*	670.000	J		
P3021-10	ARS20-0015	Solid	Pyrene, 1-methyl-	*	460.000	J		
Total Tics :					9,160.00			
P3021-10	ARS20-0015	Solid	Anthracene		730.000	J 580	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Benzo(a)anthracene		3,000.000	550	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Benzo(a)pyrene		2,900.000	640	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Benzo(b)fluoranthene		3,800.000	550	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Benzo(g,h,i)perylene		1,500.000	550	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Benzo(k)fluoranthene		960.000	J 560	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Chrysene		2,900.000	540	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Fluoranthene		6,200.000	560	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Indeno(1,2,3-cd)pyrene		1,300.000	530	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Phenanthrene		3,200.000	570	1200	ug/Kg
P3021-10	ARS20-0015	Solid	Pyrene		4,700.000	570	1200	ug/Kg
Total Svoc :					31,190.00			
Total Concentration:					40,350.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 10:46

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	340504	6.893	1.29686e+01	8.18	696204	9.93
	UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
	LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
	EPA SAMPLE NO.						
01	PB161675BL	218832	6.89	869773	8.16	507782	9.92
02	PB161675BS	225165	6.89	915128	8.17	510403	9.93
03	PB161658BL	224050	6.89	890683	8.16	509389	9.92
04	PB161658BS	224267	6.89	901298	8.17	501885	9.93
05	PB161643TB	226698	6.88	900869	8.16	508462	9.92
06	WCS-TPL	209466	6.89	813249	8.16	471477	9.92
07	WCS-TPLMS	218037	6.89	879768	8.17	504268	9.92
08	WCS-TPLMSD	226388	6.89	924845	8.17	531101	9.93
09	WC-WS-6-21-24	220238	6.89	870201	8.16	508664	9.92
10	VNJ-204	226627	6.89	882984	8.16	517030	9.92
11	ARS20-008	221991	6.89	883805	8.16	516731	9.92
12	ARS20-0018	227845	6.89	884346	8.16	528066	9.92
13	ARS20-006	212350	6.89	827088	8.16	486608	9.92
14	ARS20-0015	229786	6.89	902272	8.16	530021	9.92
15	BL-CONCRETE	215673	6.88	832627	8.16	491149	9.92
16	TR-06-062024	206464	6.89	690415	8.16	305181 *	9.92
17	ARS20-008	208736	6.89	769472	8.17	372355	9.92
18	ARS20-0018	208026	6.89	740886	8.17	359443	9.92
19	ARS20-0015	203257	6.89	713796	8.17	329097 *	9.92
20	ARS20-006	216617	6.89	801197	8.16	373042	9.92
21	WC-WS-6-21-24	227277	6.89	806005	8.17	371073	9.92



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 21:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	340504	6.893	1.29686e+01	8.18	696204	9.93
UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138325.D

Time Analyzed: 10:46

Instrument ID: BNA_F

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	210640	6.887	839164	8.17	478249	9.93
	UPPER LIMIT	421280	7.387	1678328	8.669	956498	10.428
	LOWER LIMIT	105320	6.387	419582	7.669	239124.5	9.428
	EPA SAMPLE NO.						
01	PB161675BL	218832	6.89	869773	8.16	507782	9.92
02	PB161675BS	225165	6.89	915128	8.17	510403	9.93
03	PB161658BL	224050	6.89	890683	8.16	509389	9.92
04	PB161658BS	224267	6.89	901298	8.17	501885	9.93
05	PB161643TB	226698	6.88	900869	8.16	508462	9.92
06	WCS-TPL	209466	6.89	813249	8.16	471477	9.92
07	WCS-TPLMS	218037	6.89	879768	8.17	504268	9.92
08	WCS-TPLMSD	226388	6.89	924845	8.17	531101	9.93
09	WC-WS-6-21-24	220238	6.89	870201	8.16	508664	9.92
10	VNJ-204	226627	6.89	882984	8.16	517030	9.92
11	ARS20-008	221991	6.89	883805	8.16	516731	9.92
12	ARS20-0018	227845	6.89	884346	8.16	528066	9.92
13	ARS20-006	212350	6.89	827088	8.16	486608	9.92
14	ARS20-0015	229786	6.89	902272	8.16	530021	9.92
15	BL-CONCRETE	215673	6.88	832627	8.16	491149	9.92
16	TR-06-062024	206464	6.89	690415	8.16	305181	9.92
17	ARS20-008	208736	6.89	769472	8.17	372355	9.92
18	ARS20-0018	208026	6.89	740886	8.17	359443	9.92
19	ARS20-0015	203257	6.89	713796	8.17	329097	9.92
20	ARS20-006	216617	6.89	801197	8.16	373042	9.92
21	WC-WS-6-21-24	227277	6.89	806005	8.17	371073	9.92



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138325.D Time Analyzed: 21:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	210640	6.887	839164	8.17	478249	9.93
UPPER LIMIT	421280	7.387	1678328	8.669	956498	10.428
LOWER LIMIT	105320	6.387	419582	7.669	239124.5	9.428
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 10:46

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.18359e+0	11.416	674197	14.051	644245	15.521
	UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
	LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
	EPA SAMPLE NO.						
01	PB161675BL	921288	11.41	643670	14.05	596262	15.52
02	PB161675BS	887267	11.41	508648	14.05	564989	15.52
03	PB161658BL	921098	11.41	523369	14.05	496366	15.52
04	PB161658BS	858016	11.41	408661	14.05	475715	15.52
05	PB161643TB	904992	11.40	495027	14.05	475912	15.52
06	WCS-TPL	920324	11.40	551960	14.05	414495	15.52
07	WCS-TPLMS	911996	11.41	456924	14.05	438842	15.52
08	WCS-TPLMSD	979735	11.41	488793	14.05	452820	15.52
09	WC-WS-6-21-24	978765	11.40	599880	14.05	549878	15.52
10	VNJ-204	1.00308	11.40	614623	14.05	569247	15.52
11	ARS20-008	995052	11.40	596115	14.05	551771	15.52
12	ARS20-0018	1.02888	11.40	638440	14.05	579725	15.52
13	ARS20-006	936482	11.40	546721	14.05	497356	15.52
14	ARS20-0015	1.02198	11.40	589406	14.05	547667	15.52
15	BL-CONCRETE	942649	11.40	563332	14.04	579047	15.52
16	TR-06-062024	538837 *	11.41	384501	14.05	354052	15.53
17	ARS20-008	565569 *	11.41	401041	14.05	339143	15.52
18	ARS20-0018	564426 *	11.40	415456	14.05	328279	15.52
19	ARS20-0015	531329 *	11.40	412707	14.05	334390	15.52
20	ARS20-006	575569 *	11.41	413835	14.05	335202	15.52
21	WC-WS-6-21-24	596944	11.41	426082	14.05	358373	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 21:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18359e+04	11.416	674197	14.051	644245	15.521
UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138325.D Time Analyzed: 10:46

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	831242	11.41	446400	14.051	507466	15.527
	UPPER LIMIT	1662484	11.91	892800	14.551	1014932	16.027
	LOWER LIMIT	415621	10.91	223200	13.551	253733	15.027
	EPA SAMPLE NO.						
01	PB161675BL	921288	11.41	643670	14.05	596262	15.52
02	PB161675BS	887267	11.41	508648	14.05	564989	15.52
03	PB161658BL	921098	11.41	523369	14.05	496366	15.52
04	PB161658BS	858016	11.41	408661	14.05	475715	15.52
05	PB161643TB	904992	11.40	495027	14.05	475912	15.52
06	WCS-TPL	920324	11.40	551960	14.05	414495	15.52
07	WCS-TPLMS	911996	11.41	456924	14.05	438842	15.52
08	WCS-TPLMSD	979735	11.41	488793	14.05	452820	15.52
09	WC-WS-6-21-24	978765	11.40	599880	14.05	549878	15.52
10	VNJ-204	1.00308	11.40	614623	14.05	569247	15.52
11	ARS20-008	995052	11.40	596115	14.05	551771	15.52
12	ARS20-0018	1.02888	11.40	638440	14.05	579725	15.52
13	ARS20-006	936482	11.40	546721	14.05	497356	15.52
14	ARS20-0015	1.02198	11.40	589406	14.05	547667	15.52
15	BL-CONCRETE	942649	11.40	563332	14.04	579047	15.52
16	TR-06-062024	538837	11.41	384501	14.05	354052	15.53
17	ARS20-008	565569	11.41	401041	14.05	339143	15.52
18	ARS20-0018	564426	11.40	415456	14.05	328279	15.52
19	ARS20-0015	531329	11.40	412707	14.05	334390	15.52
20	ARS20-006	575569	11.41	413835	14.05	335202	15.52
21	WC-WS-6-21-24	596944	11.41	426082	14.05	358373	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062524 SAS No.: BF062524 SDG NO.: BF062524

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BF138325.D Time Analyzed: 21:08

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	831242	11.41	446400	14.051	507466	15.527
UPPER LIMIT	1662484	11.91	892800	14.551	1014932	16.027
LOWER LIMIT	415621	10.91	223200	13.551	253733	15.027
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.: **BF062524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161658BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103		
	Pyridine	1700	1100	ug/Kg	65				28	98		
	Benzaldehyde	1700	1700	ug/Kg	100				10	147		
	Aniline	1700	970	ug/Kg	57				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102		
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100		
	Acetophenone	1700	1300	ug/Kg	76				55	104		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95		
	Hexachloroethane	1700	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1300	ug/Kg	76				57	101		
	Isophorone	1700	1400	ug/Kg	82				59	99		
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111		
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119		
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105		
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1500	ug/Kg	88				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	630	ug/Kg	37				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	4300	ug/Kg	130				45	134		
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103		
	2-Chloronaphthalene	1700	1300	ug/Kg	76				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	990	ug/Kg	58				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	23900	ug/Kg	88				57	104		
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161658BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3300	ug/Kg	97				60	106	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				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	1400	ug/Kg	82				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	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1600	ug/Kg	94				67	113	
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	1400	ug/Kg	42				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2100	ug/Kg	124		*		63	111	
	Di-n-octyl phthalate	1700	2500	ug/Kg	147		*		70	108	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161675BS	n-Nitrosodimethylamine	50	38.2	ug/L	76				55	108	
	Pyridine	50	32.8	ug/L	66				29	97	
	Benzaldehyde	50	68.3	ug/L	137		*		15	121	
	Aniline	50	29	ug/L	58				10	130	
	Phenol	50	42.7	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	42.5	ug/L	85				62	103	
	2-Chlorophenol	50	45	ug/L	90				70	117	
	1,2-Dichlorobenzene	50	42.4	ug/L	85				72	102	
	1,3-Dichlorobenzene	50	40.9	ug/L	82				71	103	
	1,4-Dichlorobenzene	50	40.9	ug/L	82				76	103	
	Benzyl Alcohol	50	45.8	ug/L	92				36	93	
	2-Methylphenol	50	44.1	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.3	ug/L	79				52	103	
	Acetophenone	50	39.6	ug/L	79				60	104	
	3+4-Methylphenols	50	41.6	ug/L	83				67	106	
	N-Nitroso-di-n-propylamine	50	41.8	ug/L	84				57	107	
	Hexachloroethane	50	43.9	ug/L	88				76	118	
	Nitrobenzene	50	39.4	ug/L	79				58	106	
	Isophorone	50	42	ug/L	84				61	102	
	2-Nitrophenol	50	55	ug/L	110				70	115	
	2,4-Dimethylphenol	50	45.7	ug/L	91				67	130	
	bis(2-Chloroethoxy)methane	50	42.1	ug/L	84				58	109	
	2,4-Dichlorophenol	50	43.1	ug/L	86				66	115	
	1,2,4-Trichlorobenzene	50	40.6	ug/L	81				41	115	
	Benzoic acid	50	48.6	ug/L	97				10	125	
	Naphthalene	50	40.5	ug/L	81				64	107	
	4-Chloroaniline	50	19.9	ug/L	40				10	85	
	Hexachlorobutadiene	50	41.1	ug/L	82				69	101	
	Caprolactam	50	46.7	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	44.7	ug/L	89				65	114	
	2-Methylnaphthalene	50	41.6	ug/L	83				64	107	
	Hexachlorocyclopentadiene	100	130	ug/L	130				36	160	
	2,4,6-Trichlorophenol	50	45.1	ug/L	90				61	110	
	2,4,5-Trichlorophenol	50	43	ug/L	86				70	106	
	1,1-Biphenyl	50	41.1	ug/L	82				72	98	
	2-Chloronaphthalene	50	40.5	ug/L	81				59	106	
	2-Nitroaniline	50	47.8	ug/L	96				58	107	
	Dimethylphthalate	50	45.2	ug/L	90				64	103	
	Acenaphthylene	50	44.2	ug/L	88				65	108	
	2,6-Dinitrotoluene	50	47.5	ug/L	95				64	110	
	3-Nitroaniline	50	29.7	ug/L	59				28	100	
	Acenaphthene	50	45.2	ug/L	90				59	113	
	Total PAH	800	711.8	ug/L	89				59	113	
	2,4-Dinitrophenol	100	95.5	ug/L	96				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161675BS	4-Nitrophenol	100	84.3	ug/L	84				68	116	
	Dibenzofuran	50	41.6	ug/L	83				65	106	
	2,4-Dinitrotoluene	50	51	ug/L	102				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	98.5	ug/L	99				60	115	
	Diethylphthalate	50	45.5	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	42.2	ug/L	84				61	104	
	Fluorene	50	40.7	ug/L	81				64	107	
	4-Nitroaniline	50	41.3	ug/L	83				69	112	
	4,6-Dinitro-2-methylphenol	50	52.4	ug/L	105				62	132	
	N-Nitrosodiphenylamine	50	42.3	ug/L	85				61	109	
	Azobenzene	50	41.7	ug/L	83				59	106	
	4-Bromophenyl-phenylether	50	43.6	ug/L	87				73	103	
	Hexachlorobenzene	50	42.7	ug/L	85				73	106	
	Atrazine	50	46.6	ug/L	93				76	120	
	Pentachlorophenol	100	80.4	ug/L	80				47	114	
	Phenanthrene	50	42	ug/L	84				62	109	
	Anthracene	50	42.8	ug/L	86				65	110	
	Carbazole	50	39.5	ug/L	79				62	106	
	Di-n-butylphthalate	50	46.4	ug/L	93				64	106	
	Fluoranthene	50	38.9	ug/L	78				64	110	
	Benzidine	100	34.3	ug/L	34				10	94	
	Pyrene	50	39.5	ug/L	79				71	103	
	Butylbenzylphthalate	50	51.1	ug/L	102				61	105	
	3,3-Dichlorobenzidine	50	40.8	ug/L	82				43	108	
	Benzo(a)anthracene	50	44.7	ug/L	89				62	107	
	Chrysene	50	44.8	ug/L	90				61	108	
	bis(2-Ethylhexyl)phthalate	50	63.5	ug/L	127		*		59	110	
	Di-n-octyl phthalate	50	74.9	ug/L	150		*		67	126	
	Benzo(b)fluoranthene	50	43.8	ug/L	88				77	113	
	Benzo(k)fluoranthene	50	45.7	ug/L	91				64	113	
	Benzo(a)pyrene	50	47.3	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	52.3	ug/L	105				72	105	
	Dibenz(a,h)anthracene	50	51.6	ug/L	103				78	115	
	Benzo(g,h,i)perylene	50	47.8	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.6	ug/L	83				72	101	
	1,4-Dioxane	50	32.2	ug/L	64				38	125	
	2,3,4,6-Tetrachlorophenol	50	46	ug/L	92				63	116	
	1-Methylnaphthalene	50	39.5	ug/L	79				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-06-062024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062524

SAS No.: BF062524 SDG NO.: BF062524

Lab File ID: BF138341.D

Lab Sample ID: P2997-01

Instrument ID: BNA_F

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/25/2024

Level: (low/med) LOW

Time Analyzed: 18:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-06-062024	P2997-01	BF138341.D	06/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161658BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062524

SAS No.: BF062524 SDG NO.: BF062524

Lab File ID: BF138328.D

Lab Sample ID: PB161658BL

Instrument ID: BNA_F

Date Extracted: 06/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/25/2024

Level: (low/med) LOW

Time Analyzed: 11:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161658BS	PB161658BS	BF138329.D	06/25/2024
ARS20-008	P3021-01	BF138342.D	06/25/2024
ARS20-0018	P3021-04	BF138343.D	06/25/2024
ARS20-0015	P3021-10	BF138344.D	06/25/2024
ARS20-006	P3021-07	BF138345.D	06/25/2024
WC-WS-6-21-24	P3008-01	BF138346.D	06/25/2024
BL-CONCRETE	P3022-01	BF138340.D	06/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161675BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062524

SAS No.: BF062524 SDG NO.: BF062524

Lab File ID: BF138326.D

Lab Sample ID: PB161675BL

Instrument ID: BNA_F

Date Extracted: 06/24/2024

Matrix: (soil/water) water

Date Analyzed: 06/25/2024

Level: (low/med) LOW

Time Analyzed: 10:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161675BS	PB161675BS	BF138327.D	06/25/2024
PB161643TB	PB161643TB	BF138330.D	06/25/2024
WCS-TPL	P2998-04	BF138331.D	06/25/2024
WCS-TPLMS	P2998-04MS	BF138332.D	06/25/2024
WCS-TPLMSD	P2998-04MSD	BF138333.D	06/25/2024
WC-WS-6-21-24	P3008-03	BF138334.D	06/25/2024
VNJ-204	P3009-03	BF138335.D	06/25/2024
ARS20-008	P3021-03	BF138336.D	06/25/2024
ARS20-0018	P3021-06	BF138337.D	06/25/2024
ARS20-006	P3021-09	BF138338.D	06/25/2024
ARS20-0015	P3021-12	BF138339.D	06/25/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2998-04MS		Client Sample ID: WCS-TPLMS		DataFile: BF138332.D							
n-Nitrosodimethylamine	500		440	ug/L	88				10	130	
Pyridine	500		310	ug/L	62				10	109	
Benzaldehyde	500			ug/L	0	*			10	137	
Aniline	500		87.8	ug/L	18				10	130	
Phenol	500		460	ug/L	92				10	130	
bis(2-Chloroethyl)ether	500		470	ug/L	94				29	141	
2-Chlorophenol	500		500	ug/L	100				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		430	ug/L	86				55	125	
Benzyl Alcohol	500		460	ug/L	92				31	94	
2-Methylphenol	500		510	ug/L	102				23	132	
2,2-oxybis(1-Chloropropane)	500		430	ug/L	86				36	141	
Acetophenone	500		410	ug/L	82				31	164	
3+4-Methylphenols	500		480	ug/L	96				17	136	
N-Nitroso-di-n-propylamine	500		470	ug/L	94				36	147	
Hexachloroethane	500		460	ug/L	92				35	137	
Nitrobenzene	500		450	ug/L	90				40	134	
Isophorone	500		480	ug/L	96				39	146	
2-Nitrophenol	500		630	ug/L	126				30	148	
2,4-Dimethylphenol	500		530	ug/L	106				17	143	
bis(2-Chloroethoxy)methane	500		480	ug/L	96				39	143	
2,4-Dichlorophenol	500		510	ug/L	102				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		580	ug/L	116	*			10	101	
Naphthalene	500		450	ug/L	90				17	157	
4-Chloroaniline	500		38.5	ug/L	8	*			10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500		480	ug/L	96				10	130	
4-Chloro-3-methylphenol	500		530	ug/L	106				17	148	
2-Methylnaphthalene	500		480	ug/L	96				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		530	ug/L	106				46	139	
2,4,5-Trichlorophenol	500		510	ug/L	102				42	129	
1,1-Biphenyl	500		440	ug/L	88				38	154	
2-Chloronaphthalene	500		460	ug/L	92				41	145	
2-Nitroaniline	500		510	ug/L	102				39	151	
Dimethylphthalate	500		540	ug/L	108				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		570	ug/L	114				43	148	
3-Nitroaniline	500		75.3	ug/L	15				10	111	
Acenaphthene	500		530	ug/L	106				37	146	
Total PAH	8000		8460	ug/L	106				37	146	
2,4-Dinitrophenol	1000		1100	ug/L	110				14	167	
4-Nitrophenol	1000		860	ug/L	86				10	130	
Dibenzofuran	500		480	ug/L	96				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		610	ug/L	122				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1180	ug/L	118				40	151	
Diethylphthalate	500		550	ug/L	110				41	148	
4-Chlorophenyl-phenylether	500		490	ug/L	98				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		330	ug/L	66				27	138	
4,6-Dinitro-2-methylphenol	500		620	ug/L	124				32	175	
N-Nitrosodiphenylamine	500		350	ug/L	70				40	150	
Azobenzene	500		480	ug/L	96				72	112	
4-Bromophenyl-phenylether	500		500	ug/L	100				42	151	
Hexachlorobenzene	500		490	ug/L	98				60	129	
Atrazine	500		160	ug/L	32				20	162	
Pentachlorophenol	1000		930	ug/L	93				15	137	
Phenanthrene	500		470	ug/L	94				40	147	
Anthracene	500		490	ug/L	98				41	146	
Carbazole	500		310	ug/L	62				37	154	
Di-n-butylphthalate	500		570	ug/L	114				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000		44.3	ug/L	4	*			10	130	
Pyrene	500		510	ug/L	102				41	149	
Butylbenzylphthalate	500		740	ug/L	148				39	155	
3,3-Dichlorobenzidine	500		31.5	ug/L	6	*			10	114	
Benzo(a)anthracene	500		510	ug/L	102				41	147	
Chrysene	500		510	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	500		850	ug/L	170	*			33	160	
Di-n-octyl phthalate	500		930	ug/L	186	*			36	158	
Benzo(b)fluoranthene	500		640	ug/L	128				40	150	
Benzo(k)fluoranthene	500		550	ug/L	110				40	147	
Benzo(a)pyrene	500		610	ug/L	122				42	147	
Indeno(1,2,3-cd)pyrene	500		620	ug/L	124				30	166	
Dibenz(a,h)anthracene	500		630	ug/L	126				23	172	
Benzo(g,h,i)perylene	500		530	ug/L	106				27	167	
1,2,4,5-Tetrachlorobenzene	500		430	ug/L	86	*			89	102	
1,4-Dioxane	500		370	ug/L	74				38	130	
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110				91	111	
1-Methylnaphthalene	500		460	ug/L	92				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2998-04MSD		Client Sample ID: WCS-TPLMSD		DataFile: BF138333.D							
n-Nitrosodimethylamine	500		430	ug/L	86		2		10	130	20
Pyridine	500		310	ug/L	62		0		10	109	20
Benzaldehyde	500			ug/L	0	*			10	137	20
Aniline	500		87	ug/L	17		6		10	130	20
Phenol	500		460	ug/L	92		0		10	130	20
bis(2-Chloroethyl)ether	500		470	ug/L	94		0		29	141	20
2-Chlorophenol	500		500	ug/L	100		0		23	127	20
1,2-Dichlorobenzene	500		450	ug/L	90		0		61	114	20
1,3-Dichlorobenzene	500		430	ug/L	86		0		65	106	20
1,4-Dichlorobenzene	500		430	ug/L	86		0		55	125	20
Benzyl Alcohol	500		450	ug/L	90		2		31	94	20
2-Methylphenol	500		500	ug/L	100		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		420	ug/L	84		2		36	141	20
Acetophenone	500		400	ug/L	80		2		31	164	20
3+4-Methylphenols	500		480	ug/L	96		0		17	136	20
N-Nitroso-di-n-propylamine	500		470	ug/L	94		0		36	147	20
Hexachloroethane	500		450	ug/L	90		2		35	137	20
Nitrobenzene	500		440	ug/L	88		2		40	134	20
Isophorone	500		470	ug/L	94		2		39	146	20
2-Nitrophenol	500		620	ug/L	124		2		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		2		17	143	20
bis(2-Chloroethoxy)methane	500		470	ug/L	94		2		39	143	20
2,4-Dichlorophenol	500		500	ug/L	100		2		22	146	20
1,2,4-Trichlorobenzene	500		440	ug/L	88		2		66	110	20
Benzoic acid	500		540	ug/L	108	*	7		10	101	20
Naphthalene	500		450	ug/L	90		0		17	157	20
4-Chloroaniline	500		31.4	ug/L	6	*	29	*	10	95	20
Hexachlorobutadiene	500		430	ug/L	86		5		52	125	20
Caprolactam	500		480	ug/L	96		0		10	130	20
4-Chloro-3-methylphenol	500		520	ug/L	104		2		17	148	20
2-Methylnaphthalene	500		470	ug/L	94		2		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	500		510	ug/L	102		4		46	139	20
2,4,5-Trichlorophenol	500		490	ug/L	98		4		42	129	20
1,1-Biphenyl	500		440	ug/L	88		0		38	154	20
2-Chloronaphthalene	500		460	ug/L	92		0		41	145	20
2-Nitroaniline	500		510	ug/L	102		0		39	151	20
Dimethylphthalate	500		530	ug/L	106		2		42	147	20
Acenaphthylene	500		500	ug/L	100		0		40	141	20
2,6-Dinitrotoluene	500		560	ug/L	112		2		43	148	20
3-Nitroaniline	500		72	ug/L	14		7		10	111	20
Acenaphthene	500		520	ug/L	104		2		37	146	20
Total PAH	8000		8190	ug/L	102		4		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		0		14	167	20
4-Nitrophenol	1000		850	ug/L	85		1		10	130	20
Dibenzofuran	500		470	ug/L	94		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		610	ug/L	122		0		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1170	ug/L	117		1		40	151	20
Diethylphthalate	500		540	ug/L	108		2		41	148	20
4-Chlorophenyl-phenylether	500		480	ug/L	96		2		38	149	20
Fluorene	500		470	ug/L	94		0		39	144	20
4-Nitroaniline	500		340	ug/L	68		3		27	138	20
4,6-Dinitro-2-methylphenol	500		610	ug/L	122		2		32	175	20
N-Nitrosodiphenylamine	500		330	ug/L	66		6		40	150	20
Azobenzene	500		470	ug/L	94		2		72	112	20
4-Bromophenyl-phenylether	500		480	ug/L	96		4		42	151	20
Hexachlorobenzene	500		470	ug/L	94		4		60	129	20
Atrazine	500		160	ug/L	32		0		20	162	20
Pentachlorophenol	1000		910	ug/L	91		2		15	137	20
Phenanthrene	500		460	ug/L	92		2		40	147	20
Anthracene	500		470	ug/L	94		4		41	146	20
Carbazole	500		310	ug/L	62		0		37	154	20
Di-n-butylphthalate	500		560	ug/L	112		2		40	151	20
Fluoranthene	500		430	ug/L	86		2		42	146	20
Benzidine	1000		42.1	ug/L	4	*	0		10	130	20
Pyrene	500		500	ug/L	100		2		41	149	20
Butylbenzylphthalate	500		730	ug/L	146		1		39	155	20
3,3-Dichlorobenzidine	500		28.9	ug/L	6	*	0		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		4		41	147	20
Chrysene	500		500	ug/L	100		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		840	ug/L	168	*	1		33	160	20
Di-n-octyl phthalate	500		900	ug/L	180	*	3		36	158	20
Benzo(b)fluoranthene	500		570	ug/L	114		12		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		7		40	147	20
Benzo(a)pyrene	500		600	ug/L	120		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		570	ug/L	114		8		30	166	20
Dibenz(a,h)anthracene	500		590	ug/L	118		7		23	172	20
Benzo(g,h,i)perylene	500		480	ug/L	96		10		27	167	20
1,2,4,5-Tetrachlorobenzene	500		420	ug/L	84	*	2		89	102	20
1,4-Dioxane	500		370	ug/L	74		0		38	130	20
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108		2		91	111	20
1-Methylnaphthalene	500		450	ug/L	90		2		25	151	20



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

Surrogate Summary
SW-846

SDG No.: BF062524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2997-01	TR-06-062024	BF138341.D	2-Fluorophenol	150	71.98	48		18	112
			Phenol-d6	150	69.11	46		15	107
			Nitrobenzene-d5	100	54.02	54		18	107
			2-Fluorobiphenyl	100	63.94	64		20	109
			2,4,6-Tribromophenol	150	84.29	56		10	110
			Terphenyl-d14	100	60.34	60		14	112

Surrogate Summary

SW-846

SDG No.: **BF062524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3008-01	WC-WS-6-21-24	BF138346.D	2-Fluorophenol	150	81.40	54		18	112
			Phenol-d6	150	75.36	50		15	107
			Nitrobenzene-d5	100	57.45	57		18	107
			2-Fluorobiphenyl	100	54.99	55		20	109
			2,4,6-Tribromophenol	150	83.11	55		10	110
			Terphenyl-d14	100	48.29	48		14	112
P3021-01	ARS20-008	BF138342.D	2-Fluorophenol	150	69.08	46		18	112
			Phenol-d6	150	67.23	45		15	107
			Nitrobenzene-d5	100	47.39	47		18	107
			2-Fluorobiphenyl	100	56.19	56		20	109
			2,4,6-Tribromophenol	150	58.71	39		10	110
			Terphenyl-d14	100	50.66	51		14	112
P3021-04	ARS20-0018	BF138343.D	2-Fluorophenol	150	75.90	51		18	112
			Phenol-d6	150	72.73	48		15	107
			Nitrobenzene-d5	100	51.90	52		18	107
			2-Fluorobiphenyl	100	61.96	62		20	109
			2,4,6-Tribromophenol	150	66.84	45		10	110
			Terphenyl-d14	100	61.04	61		14	112
P3021-07	ARS20-006	BF138345.D	2-Fluorophenol	150	96.44	64		18	112
			Phenol-d6	150	91.54	61		15	107
			Nitrobenzene-d5	100	62.80	63		18	107
			2-Fluorobiphenyl	100	79.90	80		20	109
			2,4,6-Tribromophenol	150	83.10	55		10	110
			Terphenyl-d14	100	71.73	72		14	112
P3021-10	ARS20-0015	BF138344.D	2-Fluorophenol	150	90.80	61		18	112
			Phenol-d6	150	84.34	56		15	107
			Nitrobenzene-d5	100	59.52	60		18	107
			2-Fluorobiphenyl	100	74.50	75		20	109
			2,4,6-Tribromophenol	150	78.88	53		10	110
			Terphenyl-d14	100	64.10	64		14	112
P3022-01	BL-CONCRETE	BF138340.D	2-Fluorophenol	150	52.33	35		18	112
			Phenol-d6	150	57.79	39		15	107
			Nitrobenzene-d5	100	50.68	51		18	107
			2-Fluorobiphenyl	100	50.81	51		20	109
			2,4,6-Tribromophenol	150	51.32	34		10	110
			Terphenyl-d14	100	58.29	58		14	112
PB161658BL	PB161658BL	BF138328.D	2-Fluorophenol	150	118.77	79		18	112
			Phenol-d6	150	117.21	78		15	107
			Nitrobenzene-d5	100	83.02	83		18	107
			2-Fluorobiphenyl	100	76.72	77		20	109
			2,4,6-Tribromophenol	150	130.17	87		10	110
			Terphenyl-d14	100	84.59	85		14	112
PB161658BS	PB161658BS	BF138329.D	2-Fluorophenol	150	116.10	77		18	112
			Phenol-d6	150	113.16	75		15	107
			Nitrobenzene-d5	100	80.27	80		18	107
			2-Fluorobiphenyl	100	76.45	76		20	109
			2,4,6-Tribromophenol	150	129.43	86		10	110
			Terphenyl-d14	100	92.67	93		14	112

Surrogate Summary

SW-846

SDG No.: **BF062524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2998-04	WCS-TPL	BF138331.D	2-Fluorophenol	150	132.67	88		10	139
			Phenol-d6	150	125.94	84		10	134
			Nitrobenzene-d5	100	90.45	90		49	133
			2-Fluorobiphenyl	100	83.62	84		52	132
			2,4,6-Tribromophenol	150	164.94	110		32	145
			Terphenyl-d14	100	97.93	98		36	145
P2998-04MS	WCS-TPLMS	BF138332.D	2-Fluorophenol	150	132.20	88		10	139
			Phenol-d6	150	128.71	86		10	134
			Nitrobenzene-d5	100	91.89	92		49	133
			2-Fluorobiphenyl	100	85.27	85		52	132
			2,4,6-Tribromophenol	150	152.34	102		32	145
			Terphenyl-d14	100	101.08	101		36	145
P2998-04MSD	WCS-TPLMSD	BF138333.D	2-Fluorophenol	150	130.82	87		10	139
			Phenol-d6	150	127.39	85		10	134
			Nitrobenzene-d5	100	90.17	90		49	133
			2-Fluorobiphenyl	100	84.99	85		52	132
			2,4,6-Tribromophenol	150	151.26	101		32	145
			Terphenyl-d14	100	100.63	101		36	145
P3008-03	WC-WS-6-21-24	BF138334.D	2-Fluorophenol	150	117.78	79		10	139
			Phenol-d6	150	111.82	75		10	134
			Nitrobenzene-d5	100	84.00	84		49	133
			2-Fluorobiphenyl	100	77.74	78		52	132
			2,4,6-Tribromophenol	150	153.01	102		32	145
			Terphenyl-d14	100	91.11	91		36	145
P3009-03	VNJ-204	BF138335.D	2-Fluorophenol	150	116.52	78		10	139
			Phenol-d6	150	111.81	75		10	134
			Nitrobenzene-d5	100	84.80	85		49	133
			2-Fluorobiphenyl	100	77.08	77		52	132
			2,4,6-Tribromophenol	150	150.04	100		32	145
			Terphenyl-d14	100	88.24	88		36	145
P3021-03	ARS20-008	BF138336.D	2-Fluorophenol	150	115.81	77		10	139
			Phenol-d6	150	106.79	71		10	134
			Nitrobenzene-d5	100	85.68	86		49	133
			2-Fluorobiphenyl	100	78.21	78		52	132
			2,4,6-Tribromophenol	150	152.50	102		32	145
			Terphenyl-d14	100	91.83	92		36	145
P3021-06	ARS20-0018	BF138337.D	2-Fluorophenol	150	112.97	75		10	139
			Phenol-d6	150	101.90	68		10	134
			Nitrobenzene-d5	100	86.01	86		49	133
			2-Fluorobiphenyl	100	77.40	77		52	132
			2,4,6-Tribromophenol	150	147.92	99		32	145
			Terphenyl-d14	100	87.97	88		36	145
P3021-09	ARS20-006	BF138338.D	2-Fluorophenol	150	120.64	80		10	139
			Phenol-d6	150	116.89	78		10	134
			Nitrobenzene-d5	100	88.03	88		49	133
			2-Fluorobiphenyl	100	80.73	81		52	132
			2,4,6-Tribromophenol	150	153.93	103		32	145
			Terphenyl-d14	100	93.26	93		36	145
P3021-12	ARS20-0015	BF138339.D	2-Fluorophenol	150	118.91	79		10	139

Surrogate Summary

SW-846

SDG No.: **BF062524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3021-12	ARS20-0015	BF138339.D	Phenol-d6	150	111.48	74		10	134
			Nitrobenzene-d5	100	87.40	87		49	133
			2-Fluorobiphenyl	100	78.40	78		52	132
			2,4,6-Tribromophenol	150	152.18	101		32	145
			Terphenyl-d14	100	93.33	93		36	145
PB161643TB	PB161643TB	BF138330.D	2-Fluorophenol	150	116.11	77		10	139
			Phenol-d6	150	114.39	76		10	134
			Nitrobenzene-d5	100	80.47	80		49	133
			2-Fluorobiphenyl	100	76.33	76		52	132
			2,4,6-Tribromophenol	150	126.01	84		32	145
PB161675BL	PB161675BL	BF138326.D	Terphenyl-d14	100	87.04	87		36	145
			2-Fluorophenol	150	121.03	81		10	139
			Phenol-d6	150	118.09	79		10	134
			Nitrobenzene-d5	100	83.93	84		49	133
			2-Fluorobiphenyl	100	77.82	78		52	132
PB161675BS	PB161675BS	BF138327.D	2,4,6-Tribromophenol	150	135.22	90		32	145
			Terphenyl-d14	100	73.89	74		36	145
			2-Fluorophenol	150	116.45	78		10	139
			Phenol-d6	150	113.35	76		10	134
			Nitrobenzene-d5	100	80.00	80		49	133
			2-Fluorobiphenyl	100	76.34	76		52	132
			2,4,6-Tribromophenol	150	129.70	86		32	145
			Terphenyl-d14	100	78.18	78		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062524

Lab Code: CHEM

SAS No.: BF062524

SDG NO.: BF062524

Lab File ID: BF138324.D

DFTPP Injection Date: 06/25/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.7
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	41.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	29.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.1 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF138325.D	06/25/2024	10:17
PB161675BL	PB161675BL	BF138326.D	06/25/2024	10:46
PB161675BS	PB161675BS	BF138327.D	06/25/2024	11:16
PB161658BL	PB161658BL	BF138328.D	06/25/2024	11:46
PB161658BS	PB161658BS	BF138329.D	06/25/2024	12:16
PB161643TB	PB161643TB	BF138330.D	06/25/2024	12:46
WCS-TPL	P2998-04	BF138331.D	06/25/2024	13:35
WCS-TPLMS	P2998-04MS	BF138332.D	06/25/2024	14:05
WCS-TPLMSD	P2998-04MSD	BF138333.D	06/25/2024	14:35
WC-WS-6-21-24	P3008-03	BF138334.D	06/25/2024	15:05
VNJ-204	P3009-03	BF138335.D	06/25/2024	15:35
ARS20-008	P3021-03	BF138336.D	06/25/2024	16:06
ARS20-0018	P3021-06	BF138337.D	06/25/2024	16:36
ARS20-006	P3021-09	BF138338.D	06/25/2024	17:06
ARS20-0015	P3021-12	BF138339.D	06/25/2024	17:36
BL-CONCRETE	P3022-01	BF138340.D	06/25/2024	18:06
TR-06-062024	P2997-01	BF138341.D	06/25/2024	18:37
ARS20-008	P3021-01	BF138342.D	06/25/2024	19:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062524

Lab Code: CHEM

SAS No.: BF062524

SDG NO.: BF062524

Lab File ID: BF138324.D

DFTPP Injection Date: 06/25/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.7
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	41.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	29.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.1 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
ARS20-0018	P3021-04	BF138343.D	06/25/2024	19:39
ARS20-0015	P3021-10	BF138344.D	06/25/2024	20:08
ARS20-006	P3021-07	BF138345.D	06/25/2024	20:38
WC-WS-6-21-24	P3008-01	BF138346.D	06/25/2024	21:08