

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062624 SAS No.: BF062624 SDG No.: BF062624

Instrument ID: BNA_F Calibration Date/Time: 6/26/2024 1:13:12

Lab File ID: BF138348.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	0.513		-14.784	
Pyridine	1.300	1.131		-13.0	
2-Fluorophenol	1.196	1.110		-7.191	
Benzaldehyde	0.805	0.800		-0.621	
Aniline	1.483	1.326		-10.587	
Phenol-d6	1.516	1.362		-10.158	
Phenol	1.539	1.435		-6.758	20.0
bis(2-Chloroethyl) ether	1.231	1.133		-7.961	
2-Chlorophenol	1.293	1.216		-5.955	
1,2-Dichlorobenzene	1.388	1.277		-7.997	
1,3-Dichlorobenzene	1.469	1.344		-8.509	
1,4-Dichlorobenzene	1.478	1.355		-8.322	20.0
Benzyl Alcohol	1.022	0.983		-3.816	
2-Methylphenol	1.020	0.965		-5.392	
2,2-oxybis(1-Chloropropane)	1.738	1.453		-16.398	
Acetophenone	0.457	0.392		-14.223	
3+4-Methylphenols	1.284	1.172		-8.723	
n-Nitroso-di-n-propylamine	0.899	0.793	0.050	-11.791	
Nitrobenzene-d5	0.344	0.317		-7.849	
Hexachloroethane	0.501	0.481		-3.992	
Nitrobenzene	0.355	0.322		-9.296	
Isophorone	0.621	0.557		-10.306	
2-Nitrophenol	0.143	0.167		16.783	20.0
2,4-Dimethylphenol	0.217	0.195		-10.138	
bis(2-Chloroethoxy) methane	0.389	0.352		-9.512	
2,4-Dichlorophenol	0.280	0.261		-6.786	20.0
1,2,4-Trichlorobenzene	0.330	0.299		-9.394	
Benzoic acid	0.191	0.200		4.712	
Naphthalene	0.989	0.880		-11.021	
4-Chloroaniline	0.370	0.326		-11.892	
Hexachlorobutadiene	0.193	0.178		-7.772	20.0
Caprolactam	0.084	0.084		0.0	
4-Chloro-3-methylphenol	0.278	0.267		-3.957	20.0
2-Methylnaphthalene	0.649	0.587		-9.553	
Hexachlorocyclopentadiene	0.191	0.180	0.050	-5.759	
2,4,6-Trichlorophenol	0.366	0.347		-5.191	20.0
2-Fluorobiphenyl	1.258	1.096		-12.878	
2,4,5-Trichlorophenol	0.402	0.378		-5.97	
1,1-Biphenyl	1.468	1.303		-11.24	

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Lab File ID: BF138348.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.160	1.045		-9.914	
2-Nitroaniline	0.279	0.279		0.0	
Dimethylphthalate	1.225	1.165		-4.898	
Acenaphthylene	1.626	1.471		-9.533	
2,6-Dinitrotoluene	0.266	0.280		5.263	
3-Nitroaniline	0.284	0.283		-0.352	
Acenaphthene	1.109	1.001		-9.739	20.0
2,4-Dinitrophenol	0.104	0.124	0.050	19.231	
4-Nitrophenol	0.224	0.203	0.050	-9.375	
Dibenzofuran	1.550	1.390		-10.323	
2,4-Dinitrotoluene	0.328	0.365		11.28	
Diethylphthalate	1.163	1.118		-3.869	
4-Chlorophenyl-phenylether	0.607	0.553		-8.896	
Fluorene	1.219	1.072		-12.059	
4-Nitroaniline	0.284	0.270		-4.93	
4,6-Dinitro-2-methylphenol	0.090	0.108		20.0	
n-Nitrosodiphenylamine	0.612	0.549		-10.294	20.0
Azobenzene	1.165	1.022		-12.275	
2,4,6-Tribromophenol	0.199	0.196		-1.508	
4-Bromophenyl-phenylether	0.225	0.208		-7.556	
Hexachlorobenzene	0.263	0.243		-7.605	
Atrazine	0.174	0.150		-13.793	
Pentachlorophenol	0.153	0.142		-7.19	20.0
Phenanthrene	0.989	0.878		-11.223	
Anthracene	0.982	0.870		-11.405	
Carbazole	0.901	0.766		-14.983	
Di-n-butylphthalate	0.932	0.912		-2.146	
Fluoranthene	1.009	0.841		-16.65	20.0
Benzidine	0.231	0.349		51.082	
Pyrene	1.725	1.676		-2.841	
Terphenyl-d14	1.263	1.258		-0.396	
Butylbenzylphthalate	0.469	0.563		20.043	
3,3-Dichlorobenzidine	0.353	0.395		11.898	
Benzo(a)anthracene	1.283	1.177		-8.262	
Chrysene	1.223	1.110		-9.24	
Bis(2-ethylhexyl)phthalate	0.546	0.699		28.022	
Di-n-octyl phthalate	0.811	1.145		41.184	20.0
Benzo(b)fluoranthene	1.179	1.013		-14.08	
Benzo(k)fluoranthene	1.156	1.013		-12.37	

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Instrument ID: BNA_F Calibration Date/Time: 6/26/2024 1:13:12

Lab File ID: BF138348.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.013	0.932		-7.996	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.348		3.374	
Dibenzo(a,h)anthracene	1.070	1.102		2.991	
Benzo(g,h,i)perylene	1.107	1.152		4.065	
1,2,4,5-Tetrachlorobenzene	0.584	0.521		-10.788	
1,4-Dioxane	0.547	0.492		-10.055	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.295		-6.051	
1-Methylnaphthalene	0.636	0.574		-9.748	

All other compounds must meet a minimum RRF of 0.010.



Client:			Date Collected:	6/25/2024 12:00:00 AM	
Project:			Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	PB161686BL		SDG No.:	BF062624	
Lab Sample ID:	PB161686BL		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138349.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

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



Client:				Date Collected:	6/25/2024 12:00:00 AM	
Project:				Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	PB161686BL			SDG No.:	BF062624	
Lab Sample ID:	PB161686BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138349.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

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

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	PB161686BL	SDG No.:	BF062624
Lab Sample ID:	PB161686BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138349.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.969		18-112		79	SPK: -150
13127-88-3	Phenol-d6	116.317		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	81.03		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	72.821		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	PB161686BL	SDG No.:	BF062624
Lab Sample ID:	PB161686BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138349.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.687		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	77.063		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248028	6.881				
1146-65-2	Naphthalene-d8	999590	8.163				
15067-26-2	Acenaphthene-d10	572740	9.916				
1517-22-2	Phenanthrene-d10	1047721	11.398				
1719-03-5	Chrysene-d12	663248	14.039				
1520-96-3	Perylene-d12	591619	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	96.6	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.128	
000544-76-3	Hexadecane	150	J			17.098	



Client:				Date Collected:	6/25/2024 12:00:00 AM	
Project:				Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	PB161686BS			SDG No.:	BF062624	
Lab Sample ID:	PB161686BS			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
BF138350.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1500		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	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	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1200		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	850		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg



Client:				Date Collected:	6/25/2024 12:00:00 AM	
Project:				Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	PB161686BS			SDG No.:	BF062624	
Lab Sample ID:	PB161686BS			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
BF138350.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3800	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	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	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)	3400		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	PB161686BS	SDG No.:	BF062624
Lab Sample ID:	PB161686BS	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
BF138350.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

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	1300		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1200		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	1000		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2100		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		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	2400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		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	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	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	113.33		18-112		76	SPK: -150
13127-88-3	Phenol-d6	113.002		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	76.682		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	69.8		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	PB161686BS	SDG No.:	BF062624
Lab Sample ID:	PB161686BS	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
BF138350.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.195		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	91.478		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278015	6.881				
1146-65-2	Naphthalene-d8	1154797	8.163				
15067-26-2	Acenaphthene-d10	673911	9.922				
1517-22-2	Phenanthrene-d10	1183347	11.404				
1719-03-5	Chrysene-d12	546707	14.045				
1520-96-3	Perylene-d12	651231	15.515				

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BL	SDG No.:	BF062624
Lab Sample ID:	PB161725BL	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
BF138351.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BL	SDG No.:	BF062624
Lab Sample ID:	PB161725BL	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
BF138351.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

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	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BL	SDG No.:	BF062624
Lab Sample ID:	PB161725BL	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
BF138351.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

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	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.803		18-112		79	SPK: -150
13127-88-3	Phenol-d6	116.374		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	79.712		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	72.631		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BL	SDG No.:	BF062624
Lab Sample ID:	PB161725BL	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
BF138351.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.783		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	79.712		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242266	6.881				
1146-65-2	Naphthalene-d8	982512	8.163				
15067-26-2	Acenaphthene-d10	570913	9.916				
1517-22-2	Phenanthrene-d10	1092297	11.398				
1719-03-5	Chrysene-d12	665866	14.039				
1520-96-3	Perylene-d12	601443	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	93.6	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.122	

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BS	SDG No.:	BF062624
Lab Sample ID:	PB161725BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138352.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.8	270	330	ug/Kg
110-86-1	Pyridine	1000		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	1500		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	760		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg



Report of Analysis

Client:				Date Collected:	6/26/2024 12:00:00 AM
Project:				Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BS			SDG No.:	BF062624
Lab Sample ID:	PB161725BS			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138352.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	23300		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1300		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BS	SDG No.:	BF062624
Lab Sample ID:	PB161725BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138352.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1300		84	130	170	ug/Kg
120-12-7	Anthracene	1300		84.4	130	170	ug/Kg
86-74-8	Carbazole	1300		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.7	130	170	ug/Kg
92-87-5	Benzidine	970		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2100		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.152		18-112		75	SPK: -150
13127-88-3	Phenol-d6	111.787		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	78.303		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	69.551		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161725BS	SDG No.:	BF062624
Lab Sample ID:	PB161725BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138352.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.643		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	84.696		14-112		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304308	6.881				
1146-65-2	Naphthalene-d8	1246190	8.163				
15067-26-2	Acenaphthene-d10	722328	9.922				
1517-22-2	Phenanthrene-d10	1287290	11.404				
1719-03-5	Chrysene-d12	653333	14.045				
1520-96-3	Perylene-d12	687998	15.51				

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BL	SDG No.:	BF062624
Lab Sample ID:	PB161745BL	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
BF138353.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BL	SDG No.:	BF062624
Lab Sample ID:	PB161745BL	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
BF138353.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BL	SDG No.:	BF062624
Lab Sample ID:	PB161745BL	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
BF138353.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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	111.298		10-139		74	SPK: -150
13127-88-3	Phenol-d6	114.434		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	80.18		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	73.141		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BL	SDG No.:	BF062624
Lab Sample ID:	PB161745BL	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
BF138353.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.996		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	80.599		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265288	6.881				
1146-65-2	Naphthalene-d8	1053218	8.157				
15067-26-2	Acenaphthene-d10	611322	9.916				
1517-22-2	Phenanthrene-d10	1122446	11.398				
1719-03-5	Chrysene-d12	658557	14.033				
1520-96-3	Perylene-d12	597206	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.5	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.3	A			5.122	

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BS	SDG No.:	BF062624
Lab Sample ID:	PB161745BS	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
BF138354.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	36.3		1	8	10	ug/L
110-86-1	Pyridine	29.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	44.1		4	8	10	ug/L
62-53-3	Aniline	30.8		1.6	4	5	ug/L
108-95-2	Phenol	42.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	39.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	39.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.9		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)	38.7		1.4	4	5	ug/L
98-86-2	Acetophenone	38.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	39.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.2		1	4	5	ug/L
98-95-3	Nitrobenzene	39.6		1.3	4	5	ug/L
78-59-1	Isophorone	42.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	56.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	46		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.2		5.5	8	10	ug/L
91-20-3	Naphthalene	39.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BS	SDG No.:	BF062624
Lab Sample ID:	PB161745BS	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
BF138354.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	38.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	39		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	42.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.9		0.81	4	5	ug/L
Total PAH	Total PAH	699.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	98.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	93.2	E	2	8	10	ug/L
132-64-9	Dibenzofuran	40.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	52.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.8		0.98	4	5	ug/L
86-73-7	Fluorene	39.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.4		0.89	4	5	ug/L
103-33-3	Azobenzene	41.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	41.7		1.1	4	5	ug/L
1912-24-9	Atrazine	45.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BS	SDG No.:	BF062624
Lab Sample ID:	PB161745BS	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
BF138354.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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	40.5		0.89	4	5	ug/L
120-12-7	Anthracene	40.9		1.1	4	5	ug/L
86-74-8	Carbazole	38.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	38.6		1.3	4	5	ug/L
92-87-5	Benzidine	29.4		4.1	8	10	ug/L
129-00-0	Pyrene	43.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	45.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.6		0.94	4	5	ug/L
218-01-9	Chrysene	43.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	68.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	43.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	29.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.387		10-139		76	SPK: -150
13127-88-3	Phenol-d6	112.737		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	79.106		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	69.597		52-132		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161745BS	SDG No.:	BF062624
Lab Sample ID:	PB161745BS	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
BF138354.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.25		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	82.506		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304487	6.881				
1146-65-2	Naphthalene-d8	1205824	8.163				
15067-26-2	Acenaphthene-d10	680545	9.922				
1517-22-2	Phenanthrene-d10	1230596	11.404				
1719-03-5	Chrysene-d12	623420	14.039				
1520-96-3	Perylene-d12	662744	15.51				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.04	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
BF138355.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.9	U	50.9	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	95.4	U	95.4	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138355.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.3	U	90.3	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.5	U	93.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1658.7	U	1658.7	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	160	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.7	U	99.7	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138355.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.7	U	97.7	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	100	U	100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.7	U	98.7	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.4	U	94.4	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.612		18-112		62	SPK: -150
13127-88-3	Phenol-d6	91.787		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	64.33		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	62.657		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138355.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.811		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	59.415		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211579	6.881				
1146-65-2	Naphthalene-d8	832294	8.157				
15067-26-2	Acenaphthene-d10	471596	9.916				
1517-22-2	Phenanthrene-d10	784913	11.398				
1719-03-5	Chrysene-d12	493226	14.033				
1520-96-3	Perylene-d12	495831	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.104	
	unknown10.010	150	J			10.01	
000057-10-3	n-Hexadecanoic acid	290	J			11.922	
000057-11-4	Octadecanoic acid	85.5	J			12.704	
1000406-04-8	Pentadecafluorooctanoic acid, octa	150	J			13.88	
000111-02-4	Squalene	140	J			14.886	



Client:				Date Collected:	6/14/2024 12:00:00 AM	
Project:				Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	WC-NORTH-1MS			SDG No.:	BF062624	
Lab Sample ID:	P2915-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	21	
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
BF138356.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1900		110	340	420	ug/Kg
110-86-1	Pyridine	1800		100	160	220	ug/Kg
100-52-7	Benzaldehyde	630		230	340	420	ug/Kg
62-53-3	Aniline	1500		120	160	220	ug/Kg
108-95-2	Phenol	2100		100	160	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		110	160	220	ug/Kg
95-57-8	2-Chlorophenol	2100		110	160	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		110	160	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		110	160	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		110	160	220	ug/Kg
100-51-6	Benzyl Alcohol	2100		100	340	420	ug/Kg
95-48-7	2-Methylphenol	2000		100	160	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		110	160	220	ug/Kg
98-86-2	Acetophenone	1700		110	160	220	ug/Kg
65794-96-9	3+4-Methylphenols	1900		100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		51	100	100	ug/Kg
67-72-1	Hexachloroethane	1900		100	160	220	ug/Kg
98-95-3	Nitrobenzene	1900		110	160	220	ug/Kg
78-59-1	Isophorone	1900		110	160	220	ug/Kg
88-75-5	2-Nitrophenol	2600		120	160	220	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		120	160	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		110	160	220	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		95.5	160	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	220	ug/Kg
65-85-0	Benzoic acid	2100		300	340	420	ug/Kg
91-20-3	Naphthalene	1900		100	160	220	ug/Kg
106-47-8	4-Chloroaniline	650		100	160	220	ug/Kg
87-68-3	Hexachlorobutadiene	1800		110	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MS	SDG No.:	BF062624
Lab Sample ID:	P2915-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
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
BF138356.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		98	160	220	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		90.3	160	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		93.6	160	220	ug/Kg
92-52-4	1,1-Biphenyl	1800		110	160	220	ug/Kg
91-58-7	2-Chloronaphthalene	1900		110	160	220	ug/Kg
88-74-4	2-Nitroaniline	2300		120	160	220	ug/Kg
131-11-3	Dimethylphthalate	2100		100	160	220	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		110	160	220	ug/Kg
99-09-2	3-Nitroaniline	1300		110	160	220	ug/Kg
83-32-9	Acenaphthene	2100		100	160	220	ug/Kg
Total PAH	Total PAH	31800		1658.8	160	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	4300	E	150	340	420	ug/Kg
132-64-9	Dibenzofuran	2000		110	160	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4800		220	160	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	2500		110	160	220	ug/Kg
84-66-2	Diethylphthalate	2100		100	160	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	220	ug/Kg
86-73-7	Fluorene	1900		110	160	220	ug/Kg
100-01-6	4-Nitroaniline	2100		140	160	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		100	160	220	ug/Kg
103-33-3	Azobenzene	2000		100	160	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		99.8	160	220	ug/Kg
118-74-1	Hexachlorobenzene	2000		110	160	220	ug/Kg
1912-24-9	Atrazine	2300		120	160	220	ug/Kg



Client:				Date Collected:	6/14/2024 12:00:00 AM	
Project:				Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	WC-NORTH-1MS			SDG No.:	BF062624	
Lab Sample ID:	P2915-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	21	
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
BF138356.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3700	E	97.8	340	420	ug/Kg
85-01-8	Phenanthrene	2000		110	160	220	ug/Kg
120-12-7	Anthracene	2000		110	160	220	ug/Kg
86-74-8	Carbazole	1900		100	160	220	ug/Kg
84-74-2	Di-n-butylphthalate	2300		110	160	220	ug/Kg
206-44-0	Fluoranthene	1900		100	160	220	ug/Kg
92-87-5	Benzidine	3900	E	210	340	420	ug/Kg
129-00-0	Pyrene	2000		100	160	220	ug/Kg
85-68-7	Butylbenzylphthalate	2800		120	160	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	2100		100	160	220	ug/Kg
218-01-9	Chrysene	2100		100	160	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		120	160	220	ug/Kg
117-84-0	Di-n-octyl phthalate	3300		140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		100	160	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	220	ug/Kg
50-32-8	Benzo(a)pyrene	2200		120	160	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		98.8	160	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		100	160	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		100	160	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		110	160	220	ug/Kg
123-91-1	1,4-Dioxane	1600		140	160	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		94.5	160	220	ug/Kg
90-12-0	1-Methylnaphthalene	1800		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.81		18-112		67	SPK: -150
13127-88-3	Phenol-d6	100.81		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	70.441		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	66.744		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MS	SDG No.:	BF062624
Lab Sample ID:	P2915-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
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
BF138356.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.489		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	68.846		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239461	6.881				
1146-65-2	Naphthalene-d8	915515	8.163				
15067-26-2	Acenaphthene-d10	493754	9.916				
1517-22-2	Phenanthrene-d10	862486	11.404				
1719-03-5	Chrysene-d12	473869	14.039				
1520-96-3	Perylene-d12	544739	15.509				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF062624
Lab Sample ID:	P2915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138357.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		110	340	420	ug/Kg
110-86-1	Pyridine	1800		100	160	210	ug/Kg
100-52-7	Benzaldehyde	630		230	340	420	ug/Kg
62-53-3	Aniline	1500		120	160	210	ug/Kg
108-95-2	Phenol	2000		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		110	160	210	ug/Kg
95-57-8	2-Chlorophenol	2000		110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2100		100	340	420	ug/Kg
95-48-7	2-Methylphenol	2000		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		110	160	210	ug/Kg
98-86-2	Acetophenone	1700		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	1900		100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		50.9	100	100	ug/Kg
67-72-1	Hexachloroethane	1900		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1800		110	160	210	ug/Kg
78-59-1	Isophorone	1900		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2600		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		95.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	210	ug/Kg
65-85-0	Benzoic acid	2000		300	340	420	ug/Kg
91-20-3	Naphthalene	1800		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	710		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1900		110	160	210	ug/Kg



Client:			Date Collected:	6/14/2024 12:00:00 AM	
Project:			Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	WC-NORTH-1MSD		SDG No.:	BF062624	
Lab Sample ID:	P2915-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	21	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138357.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		97.9	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4800	E	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		90.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		93.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	1800		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	1900		110	160	210	ug/Kg
88-74-4	2-Nitroaniline	2200		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2100		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		110	160	210	ug/Kg
99-09-2	3-Nitroaniline	1300		110	160	210	ug/Kg
83-32-9	Acenaphthene	2000		100	160	210	ug/Kg
Total PAH	Total PAH	31000		1658.6	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	4000	E	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	3900	E	150	340	420	ug/Kg
132-64-9	Dibenzofuran	1900		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4600		220	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2100		100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		110	160	210	ug/Kg
86-73-7	Fluorene	1800		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	2000		140	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		100	160	210	ug/Kg
103-33-3	Azobenzene	1900		100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		99.6	160	210	ug/Kg
118-74-1	Hexachlorobenzene	1900		110	160	210	ug/Kg
1912-24-9	Atrazine	2200		120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF062624
Lab Sample ID:	P2915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138357.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	97.6	340	420	ug/Kg
85-01-8	Phenanthrene	1900		110	160	210	ug/Kg
120-12-7	Anthracene	2000		110	160	210	ug/Kg
86-74-8	Carbazole	1800		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	2300		110	160	210	ug/Kg
206-44-0	Fluoranthene	1700		100	160	210	ug/Kg
92-87-5	Benzidine	4200	E	210	340	420	ug/Kg
129-00-0	Pyrene	1900		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2800		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	2000		100	160	210	ug/Kg
218-01-9	Chrysene	2100		100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	3500	E	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2200		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		98.6	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	1600		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		94.3	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1800		110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.448		18-112		66	SPK: -150
13127-88-3	Phenol-d6	97.128		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	69.043		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	66.11		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF062624
Lab Sample ID:	P2915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138357.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.039		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	67.632		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213920	6.881				
1146-65-2	Naphthalene-d8	834367	8.163				
15067-26-2	Acenaphthene-d10	453527	9.916				
1517-22-2	Phenanthrene-d10	763863	11.404				
1719-03-5	Chrysene-d12	404189	14.039				
1520-96-3	Perylene-d12	469969	15.51				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138358.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	330	400	ug/Kg
110-86-1	Pyridine	96.3	U	96.3	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.9	U	99.9	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.1	U	97.1	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	96.2	U	96.2	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.6	U	48.6	96.4	96.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	91	U	91	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.6	U	99.6	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.6	U	99.6	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138358.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.4	U	93.4	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99.4	U	99.4	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.1	U	86.1	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.2	U	89.2	160	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98.5	U	98.5	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.8	U	97.8	160	200	ug/Kg
Total PAH	Total PAH	1584.9	U	1584.9	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	400	ug/Kg
84-66-2	Diethylphthalate	96.5	U	96.5	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.4	U	98.4	160	200	ug/Kg
103-33-3	Azobenzene	95.9	U	95.9	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.1	U	95.1	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138358.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.2	U	93.2	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.8	U	96.8	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	98.5	U	98.5	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.3	U	97.3	160	200	ug/Kg
218-01-9	Chrysene	95.8	U	95.8	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.8	U	97.8	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.6	U	99.6	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.1	U	94.1	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.9	U	97.9	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.5	U	96.5	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90	U	90	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.893		18-112		81	SPK: -150
13127-88-3	Phenol-d6	120.151		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	84.207		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	80.977		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF062624
Lab Sample ID:	P2915-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138358.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.577		10-110		89	SPK: -150
1718-51-0	Terphenyl-d14	81.712		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206740	6.881				
1146-65-2	Naphthalene-d8	807941	8.157				
15067-26-2	Acenaphthene-d10	426308	9.91				
1517-22-2	Phenanthrene-d10	714615	11.398				
1719-03-5	Chrysene-d12	425053	14.033				
1520-96-3	Perylene-d12	453845	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.199	
004254-14-2	R-(-)-1,2-propanediol	110	J			3.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.11	
000770-35-4	1-Phenoxypropan-2-ol	85.2	J			8.469	
	unknown10.010	84.8	J			10.01	
000057-10-3	n-Hexadecanoic acid	250	J			11.922	
088104-31-8	2- Chloropropionic acid, octadecyl	200	J			13.874	
000111-02-4	Squalene	200	J			14.886	

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:	SHOR-RAG-DRUM	SDG No.:	BF062624
Lab Sample ID:	P3049-02	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
BF138359.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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:	SHOR-RAG-DRUM	SDG No.:	BF062624
Lab Sample ID:	P3049-02	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
BF138359.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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:	SHOR-RAG-DRUM	SDG No.:	BF062624
Lab Sample ID:	P3049-02	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
BF138359.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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	122.786		10-139		82	SPK: -150
13127-88-3	Phenol-d6	85.162		10-134		57	SPK: -150
4165-60-0	Nitrobenzene-d5	179.667	*	49-133		180	SPK: -100
321-60-8	2-Fluorobiphenyl	88.229		52-132		88	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:	SHOR-RAG-DRUM	SDG No.:	BF062624
Lab Sample ID:	P3049-02	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
BF138359.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.109		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	53.494		36-145		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200198	6.881				
1146-65-2	Naphthalene-d8	310423	8.163				
15067-26-2	Acenaphthene-d10	339533	9.963				
1517-22-2	Phenanthrene-d10	495906	11.404				
1719-03-5	Chrysene-d12	406436	14.039				
1520-96-3	Perylene-d12	448317	15.51				

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:	SHOR-RAG-DRUMMS	SDG No.:	BF062624
Lab Sample ID:	P3049-02MS	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
BF138360.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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	370		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	180		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	410		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	450		16	80	100	ug/L
95-48-7	2-Methylphenol	430		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	370		13.5	40	50	ug/L
98-86-2	Acetophenone	940	E	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	420		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	990	E	12.7	40	50	ug/L
78-59-1	Isophorone	880	E	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	1100	E	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	820	E	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	610		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	590		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	530		11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	420		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	160		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		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:	SHOR-RAG-DRUMMS	SDG No.:	BF062624
Lab Sample ID:	P3049-02MS	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
BF138360.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

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	1000	E	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	1200	E	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	540		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	370		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	440		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	460		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	460		9.3	40	50	ug/L
208-96-8	Acenaphthylene	490		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	480		8.1	40	50	ug/L
Total PAH	Total PAH	7020		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	800	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1500	E	20	80	100	ug/L
132-64-9	Dibenzofuran	340		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	400		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	870		27.6	40	100	ug/L
84-66-2	Diethylphthalate	370		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		9.8	40	50	ug/L
86-73-7	Fluorene	410		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	300		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	520		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		8.9	40	50	ug/L
103-33-3	Azobenzene	400		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	450		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	130		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:	SHOR-RAG-DRUMMS	SDG No.:	BF062624
Lab Sample ID:	P3049-02MS	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
BF138360.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	860	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	450		8.9	40	50	ug/L
120-12-7	Anthracene	460		10.7	40	50	ug/L
86-74-8	Carbazole	410		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	480		14.7	40	50	ug/L
206-44-0	Fluoranthene	420		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	360		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	560		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	45.7	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	470		9.4	40	50	ug/L
218-01-9	Chrysene	460		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	690		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	840	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	440		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	480		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	360		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	410		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	2300	E	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	430		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	940	E	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.849		10-139		85	SPK: -150
13127-88-3	Phenol-d6	113.455		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	177.516	*	49-133		178	SPK: -100
321-60-8	2-Fluorobiphenyl	84.509		52-132		85	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:	SHOR-RAG-DRUMMS	SDG No.:	BF062624
Lab Sample ID:	P3049-02MS	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
BF138360.D	1	6/26/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.644		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	64.076		36-145		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203347	6.881				
1146-65-2	Naphthalene-d8	339415	8.163				
15067-26-2	Acenaphthene-d10	386904	9.957				
1517-22-2	Phenanthrene-d10	559468	11.41				
1719-03-5	Chrysene-d12	389919	14.039				
1520-96-3	Perylene-d12	459629	15.51				

Hit Summary Sheet SW-846

SDG No.: BF062624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-NORTH-1								
P2915-01	WC-NORTH-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P2915-01	WC-NORTH-1	Solid	Butane, 2-methoxy-2-methyl- *	2,100.000	J			
P2915-01	WC-NORTH-1	Solid	n-Hexadecanoic acid *	290.000	J			
P2915-01	WC-NORTH-1	Solid	Octadecanoic acid *	85.500	J			
P2915-01	WC-NORTH-1	Solid	Pentadecafluorooctanoic acid, oct: *	150.000	J			
P2915-01	WC-NORTH-1	Solid	Squalene *	140.000	J			
P2915-01	WC-NORTH-1	Solid	unknown10.010 *	150.000	J			
Total Tics :					3,125.50			
Total Concentration:					3,125.50			
Client ID : WC-SOUTH-1								
P2915-02	WC-SOUTH-1	Solid	1-Phenoxypropan-2-ol *	85.200	J			
P2915-02	WC-SOUTH-1	Solid	2- Chloropropionic acid, octadecy *	200.000	J			
P2915-02	WC-SOUTH-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	270.000	A			
P2915-02	WC-SOUTH-1	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P2915-02	WC-SOUTH-1	Solid	n-Hexadecanoic acid *	250.000	J			
P2915-02	WC-SOUTH-1	Solid	R-(-)-1,2-propanediol *	110.000	J			
P2915-02	WC-SOUTH-1	Solid	Squalene *	200.000	J			
P2915-02	WC-SOUTH-1	Solid	unknown10.010 *	84.800	J			
Total Tics :					3,800.00			
Total Concentration:					3,800.00			



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.: BF062624 SAS No.: BF062624 SDG NO.: BF062624

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

Lab File ID: BF138191.D Time Analyzed: 13:45

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 PB161686BL	248028	6.88	999590	8.16	572740	9.92
02 PB161686BS	278015	6.88	1.1548e+	8.16	673911	9.92
03 PB161725BL	242266	6.88	982512	8.16	570913	9.92
04 PB161725BS	304308	6.88	1.24619e	8.16	722328	9.92
05 PB161745BL	265288	6.88	1.05322e	8.16	611322	9.92
06 PB161745BS	304487	6.88	1.20582e	8.16	680545	9.92
07 WC-NORTH-1	211579	6.88	832294	8.16	471596	9.92
08 WC-NORTH-1MS	239461	6.88	915515	8.16	493754	9.92
09 WC-NORTH-1MSD	213920	6.88	834367	8.16	453527	9.92
10 WC-SOUTH-1	206740	6.88	807941	8.16	426308	9.91
11 SHOR-RAG-DRUM	200198	6.88	310423 *	8.16	339533 *	9.96
12 SHOR-RAG-DRUMMS	203347	6.88	339415 *	8.16	386904	9.96

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.: BF062624 SAS No.: BF062624 SDG NO.: BF062624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BF138348.D Time Analyzed: 13:45

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	222595	6.881	886258	8.16	491603	9.92
UPPER LIMIT	445190	7.381	1772516	8.663	983206	10.422
LOWER LIMIT	111297.5	6.381	443129	7.663	245801.5	9.422
EPA SAMPLE NO.						
01 PB161686BL	248028	6.88	999590	8.16	572740	9.92
02 PB161686BS	278015	6.88	1.1548e+	8.16	673911	9.92
03 PB161725BL	242266	6.88	982512	8.16	570913	9.92
04 PB161725BS	304308	6.88	1.24619e	8.16	722328	9.92
05 PB161745BL	265288	6.88	1.05322e	8.16	611322	9.92
06 PB161745BS	304487	6.88	1.20582e	8.16	680545	9.92
07 WC-NORTH-1	211579	6.88	832294	8.16	471596	9.92
08 WC-NORTH-1MS	239461	6.88	915515	8.16	493754	9.92
09 WC-NORTH-1MSD	213920	6.88	834367	8.16	453527	9.92
10 WC-SOUTH-1	206740	6.88	807941	8.16	426308	9.91
11 SHOR-RAG-DRUM	200198	6.88	310423 *	8.16	339533	9.96
12 SHOR-RAG-DRUMMS	203347	6.88	339415 *	8.16	386904	9.96

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.: BF062624 SAS No.: BF062624 SDG NO.: BF062624

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

Lab File ID: BF138191.D Time Analyzed: 13:45

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	PB161686BL	1.04772	11.40	663248	14.04	591619	15.51
02	PB161686BS	1.18335	11.40	546707	14.05	651231	15.52
03	PB161725BL	1.0923e	11.40	665866	14.04	601443	15.51
04	PB161725BS	1.28729	11.40	653333	14.05	687998	15.51
05	PB161745BL	1.12245	11.40	658557	14.03	597206	15.51
06	PB161745BS	1.2306e	11.40	623420	14.04	662744	15.51
07	WC-NORTH-1	784913	11.40	493226	14.03	495831	15.50
08	WC-NORTH-1MS	862486	11.40	473869	14.04	544739	15.51
09	WC-NORTH-1MSD	763863	11.40	404189	14.04	469969	15.51
10	WC-SOUTH-1	714615	11.40	425053	14.03	453845	15.50
11	SHOR-RAG-DRUM	495906 *	11.40	406436	14.04	448317	15.51
12	SHOR-RAG-DRUMMS	559468 *	11.41	389919	14.04	459629	15.51

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.: BF062624 SAS No.: BF062624 SDG NO.: BF062624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BF138348.D Time Analyzed: 13:45

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	843750	11.404	418552	14.039	489718	15.509
UPPER LIMIT	1687500	11.904	837104	14.539	979436	16.009
LOWER LIMIT	421875	10.904	209276	13.539	244859	15.009
EPA SAMPLE NO.						
01 PB161686BL	1.04772	11.40	663248	14.04	591619	15.51
02 PB161686BS	1.18335	11.40	546707	14.05	651231	15.52
03 PB161725BL	1.0923e	11.40	665866	14.04	601443	15.51
04 PB161725BS	1.28729	11.40	653333	14.05	687998	15.51
05 PB161745BL	1.12245	11.40	658557	14.03	597206	15.51
06 PB161745BS	1.2306e	11.40	623420	14.04	662744	15.51
07 WC-NORTH-1	784913	11.40	493226	14.03	495831	15.50
08 WC-NORTH-1MS	862486	11.40	473869	14.04	544739	15.51
09 WC-NORTH-1MSD	763863	11.40	404189	14.04	469969	15.51
10 WC-SOUTH-1	714615	11.40	425053	14.03	453845	15.50
11 SHOR-RAG-DRUM	495906	11.40	406436	14.04	448317	15.51
12 SHOR-RAG-DRUMMS	559468	11.41	389919	14.04	459629	15.51

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.: **BF062624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161686BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	1500	ug/Kg	88				10	147	
	Aniline	1700	1000	ug/Kg	59				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1200	ug/Kg	71				55	104	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	850	ug/Kg	50				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3800	ug/Kg	115				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23500	ug/Kg	86				57	104	
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161686BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3400	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105	
	Phenanthrene	1700	1300	ug/Kg	76				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1200	ug/Kg	71				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	1000	ug/Kg	30				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	2100	ug/Kg	124		*		55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				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	2400	ug/Kg	141		*		70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				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	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	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.: **BF062624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161725BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	1500	ug/Kg	88				10	147	
	Aniline	1700	1000	ug/Kg	59				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1300	ug/Kg	76				55	104	
	3+4-Methylphenols	1700	1300	ug/Kg	76				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	1900	ug/Kg	112		*		61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	760	ug/Kg	45				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3900	ug/Kg	118				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23300	ug/Kg	86				57	104	
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161725BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3400	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	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				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	1300	ug/Kg	76				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Carbazole	1700	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	970	ug/Kg	29				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	2100	ug/Kg	124		*		55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				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	2200	ug/Kg	129		*		63	111	
	Di-n-octyl phthalate	1700	2300	ug/Kg	135		*		70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				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	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161745BS	n-Nitrosodimethylamine	50	36.3	ug/L	73				55	108	
	Pyridine	50	29.9	ug/L	60				29	97	
	Benzaldehyde	50	44.1	ug/L	88				15	121	
	Aniline	50	30.8	ug/L	62				10	130	
	Phenol	50	42.6	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	43.4	ug/L	87				62	103	
	2-Chlorophenol	50	45.7	ug/L	91				70	117	
	1,2-Dichlorobenzene	50	41.5	ug/L	83				72	102	
	1,3-Dichlorobenzene	50	39.9	ug/L	80				71	103	
	1,4-Dichlorobenzene	50	39.8	ug/L	80				76	103	
	Benzyl Alcohol	50	45.9	ug/L	92				36	93	
	2-Methylphenol	50	44.1	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	38.7	ug/L	77				52	103	
	Acetophenone	50	38.6	ug/L	77				60	104	
	3+4-Methylphenols	50	39.4	ug/L	79				67	106	
	N-Nitroso-di-n-propylamine	50	40.6	ug/L	81				57	107	
	Hexachloroethane	50	42.2	ug/L	84				76	118	
	Nitrobenzene	50	39.6	ug/L	79				58	106	
	Isophorone	50	42.2	ug/L	84				61	102	
	2-Nitrophenol	50	56.1	ug/L	112				70	115	
	2,4-Dimethylphenol	50	46	ug/L	92				67	130	
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	1,2,4-Trichlorobenzene	50	40.1	ug/L	80				41	115	
	Benzoic acid	50	51.2	ug/L	102				10	125	
	Naphthalene	50	39.4	ug/L	79				64	107	
	4-Chloroaniline	50	22.7	ug/L	45				10	85	
	Hexachlorobutadiene	50	39.4	ug/L	79				69	101	
	Caprolactam	50	50.4	ug/L	101				58	128	
	4-Chloro-3-methylphenol	50	44.4	ug/L	89				65	114	
	2-Methylnaphthalene	50	40	ug/L	80				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	44.7	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	43.3	ug/L	87				70	106	
	1,1-Biphenyl	50	38.8	ug/L	78				72	98	
	2-Chloronaphthalene	50	39	ug/L	78				59	106	
	2-Nitroaniline	50	48.1	ug/L	96				58	107	
	Dimethylphthalate	50	44.8	ug/L	90				64	103	
	Acenaphthylene	50	42.5	ug/L	85				65	108	
	2,6-Dinitrotoluene	50	48.7	ug/L	97				64	110	
	3-Nitroaniline	50	34.9	ug/L	70				28	100	
	Acenaphthene	50	43.9	ug/L	88				59	113	
	Total PAH	800	699.9	ug/L	87				59	113	
	2,4-Dinitrophenol	100	98.1	ug/L	98				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB161745BS	4-Nitrophenol	100	93.2	ug/L	93				68	116	
	Dibenzofuran	50	40.5	ug/L	81				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	101.6	ug/L	102				60	115	
	2,4-Dinitrotoluene	50	52.9	ug/L	106				60	115	
	Diethylphthalate	50	45.2	ug/L	90				63	105	
	4-Chlorophenyl-phenylether	50	40.8	ug/L	82				61	104	
	Fluorene	50	39.7	ug/L	79				64	107	
	4-Nitroaniline	50	44.7	ug/L	89				69	112	
	4,6-Dinitro-2-methylphenol	50	53.8	ug/L	108				62	132	
	N-Nitrosodiphenylamine	50	41.4	ug/L	83				61	109	
	Azobenzene	50	41.7	ug/L	83				59	106	
	4-Bromophenyl-phenylether	50	42.4	ug/L	85				73	103	
	Hexachlorobenzene	50	41.7	ug/L	83				73	106	
	Atrazine	50	45.8	ug/L	92				76	120	
	Pentachlorophenol	100	80.4	ug/L	80				47	114	
	Phenanthrene	50	40.5	ug/L	81				62	109	
	Anthracene	50	40.9	ug/L	82				65	110	
	Carbazole	50	38.6	ug/L	77				62	106	
	Di-n-butylphthalate	50	45.8	ug/L	92				64	106	
	Fluoranthene	50	38.6	ug/L	77				64	110	
	Benzidine	100	29.4	ug/L	29				10	94	
	Pyrene	50	43.6	ug/L	87				71	103	
	Butylbenzylphthalate	50	58.7	ug/L	117		*		61	105	
	3,3-Dichlorobenzidine	50	45.2	ug/L	90				43	108	
	Benzo(a)anthracene	50	43.6	ug/L	87				62	107	
	Chrysene	50	43.7	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50	61.2	ug/L	122		*		59	110	
	Di-n-octyl phthalate	50	68.5	ug/L	137		*		67	126	
	Benzo(b)fluoranthene	50	46.3	ug/L	93				77	113	
	Benzo(k)fluoranthene	50	43.3	ug/L	87				64	113	
	Benzo(a)pyrene	50	48.1	ug/L	96				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100				72	105	
	Dibenz(a,h)anthracene	50	49.5	ug/L	99				78	115	
	Benzo(g,h,i)perylene	50	46.1	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	39.9	ug/L	80				72	101	
	1,4-Dioxane	50	29.1	ug/L	58				38	125	
	2,3,4,6-Tetrachlorophenol	50	47	ug/L	94				63	116	
	1-Methylnaphthalene	50	38.2	ug/L	76				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161686BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062624

SAS No.: BF062624 SDG NO.: BF062624

Lab File ID: BF138349.D

Lab Sample ID: PB161686BL

Instrument ID: BNA_F

Date Extracted: 06/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/26/2024

Level: (low/med) LOW

Time Analyzed: 13:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161686BS	PB161686BS	BF138350.D	06/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161725BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062624

SAS No.: BF062624 SDG NO.: BF062624

Lab File ID: BF138351.D

Lab Sample ID: PB161725BL

Instrument ID: BNA_F

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/26/2024

Level: (low/med) LOW

Time Analyzed: 14:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161725BS	PB161725BS	BF138352.D	06/26/2024
WC-NORTH-1	P2915-01	BF138355.D	06/26/2024
WC-NORTH-1MS	P2915-01MS	BF138356.D	06/26/2024
WC-NORTH-1MSD	P2915-01MSD	BF138357.D	06/26/2024
WC-SOUTH-1	P2915-02	BF138358.D	06/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161745BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062624

SAS No.: BF062624 SDG NO.: BF062624

Lab File ID: BF138353.D

Lab Sample ID: PB161745BL

Instrument ID: BNA_F

Date Extracted: 06/26/2024

Matrix: (soil/water) water

Date Analyzed: 06/26/2024

Level: (low/med) LOW

Time Analyzed: 15:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161745BS	PB161745BS	BF138354.D	06/26/2024
SHOR-RAG-DRUM	P3049-02	BF138359.D	06/26/2024
SHOR-RAG-DRUMMS	P3049-02MS	BF138360.D	06/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3049-02MS		Client Sample ID: SHOR-RAG-DRUMMS		DataFile: BF138360.D							
n-Nitrosodimethylamine	500			ug/L	0	*			10	130	
Pyridine	500		370	ug/L	74				10	109	
Benzaldehyde	500		120	ug/L	24				10	137	
Aniline	500		180	ug/L	36				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		480	ug/L	96				29	141	
2-Chlorophenol	500		460	ug/L	92				23	127	
1,2-Dichlorobenzene	500		410	ug/L	82				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		410	ug/L	82				55	125	
Benzyl Alcohol	500		450	ug/L	90				31	94	
2-Methylphenol	500		430	ug/L	86				23	132	
2,2-oxybis(1-Chloropropane)	500		370	ug/L	74				36	141	
Acetophenone	500		940	ug/L	188	*			31	164	
3+4-Methylphenols	500		480	ug/L	96				17	136	
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147	
Hexachloroethane	500		420	ug/L	84				35	137	
Nitrobenzene	500		990	ug/L	198	*			40	134	
Isophorone	500		880	ug/L	176	*			39	146	
2-Nitrophenol	500		1100	ug/L	220	*			30	148	
2,4-Dimethylphenol	500		820	ug/L	164	*			17	143	
bis(2-Chloroethoxy)methane	500		610	ug/L	122				39	143	
2,4-Dichlorophenol	500		590	ug/L	118				22	146	
1,2,4-Trichlorobenzene	500		530	ug/L	106				66	110	
Benzoic acid	500			ug/L	0	*			10	101	
Naphthalene	500		420	ug/L	84				17	157	
4-Chloroaniline	500		160	ug/L	32				10	95	
Hexachlorobutadiene	500		430	ug/L	86				52	125	
Caprolactam	500			ug/L	0	*			10	130	
4-Chloro-3-methylphenol	500		1000	ug/L	200	*			17	148	
2-Methylnaphthalene	500		1200	ug/L	240	*			38	146	
Hexachlorocyclopentadiene	1000		1100	ug/L	110				20	153	
2,4,6-Trichlorophenol	500		540	ug/L	108				46	139	
2,4,5-Trichlorophenol	500		370	ug/L	74				42	129	
1,1-Biphenyl	500		440	ug/L	88				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		460	ug/L	92				39	151	
Dimethylphthalate	500		460	ug/L	92				42	147	
Acenaphthylene	500		490	ug/L	98				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		170	ug/L	34				10	111	
Acenaphthene	500		480	ug/L	96				37	146	
Total PAH	8000		7020	ug/L	88				37	146	
2,4-Dinitrophenol	1000		800	ug/L	80				14	167	
4-Nitrophenol	1000		1500	ug/L	150	*			10	130	
Dibenzofuran	500		340	ug/L	68				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		870	ug/L	87				40	151	
2,4-Dinitrotoluene	500		400	ug/L	80				40	151	
Diethylphthalate	500		370	ug/L	74				41	148	
4-Chlorophenyl-phenylether	500		430	ug/L	86				38	149	
Fluorene	500		410	ug/L	82				39	144	
4-Nitroaniline	500		300	ug/L	60				27	138	
4,6-Dinitro-2-methylphenol	500		520	ug/L	104				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		400	ug/L	80				72	112	
4-Bromophenyl-phenylether	500		450	ug/L	90				42	151	
Hexachlorobenzene	500		480	ug/L	96				60	129	
Atrazine	500		130	ug/L	26				20	162	
Pentachlorophenol	1000		860	ug/L	86				15	137	
Phenanthrene	500		450	ug/L	90				40	147	
Anthracene	500		460	ug/L	92				41	146	
Carbazole	500		410	ug/L	82				37	154	
Di-n-butylphthalate	500		480	ug/L	96				40	151	
Fluoranthene	500		420	ug/L	84				42	146	
Benzidine	1000			ug/L	0	*			10	130	
Pyrene	500		360	ug/L	72				41	149	
Butylbenzylphthalate	500		560	ug/L	112				39	155	
3,3-Dichlorobenzidine	500		45.7	ug/L	9	*			10	114	
Benzo(a)anthracene	500		470	ug/L	94				41	147	
Chrysene	500		460	ug/L	92				44	144	
bis(2-Ethylhexyl)phthalate	500		690	ug/L	138				33	160	
Di-n-octyl phthalate	500		840	ug/L	168	*			36	158	
Benzo(b)fluoranthene	500		480	ug/L	96				40	150	
Benzo(k)fluoranthene	500		440	ug/L	88				40	147	
Benzo(a)pyrene	500		480	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		420	ug/L	84				23	172	
Benzo(g,h,i)perylene	500		360	ug/L	72				27	167	
1,2,4,5-Tetrachlorobenzene	500		410	ug/L	82	*			89	102	
1,4-Dioxane	500		2300	ug/L	460	*			38	130	
2,3,4,6-Tetrachlorophenol	500		430	ug/L	86	*			91	111	
1-Methylnaphthalene	500		940	ug/L	188	*			25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2915-01MS		Client Sample ID: WC-NORTH-1MS		DataFile: BF138356.D							
n-Nitrosodimethylamine	2100		1900	ug/Kg	90				66	124	
Pyridine	2100		1800	ug/Kg	86				45	119	
Benzaldehyde	2100		630	ug/Kg	30				26	163	
Aniline	2100		1500	ug/Kg	71				10	88	
Phenol	2100		2100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	2100		2000	ug/Kg	95				74	116	
2-Chlorophenol	2100		2100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	2100		1900	ug/Kg	90				61	105	
1,3-Dichlorobenzene	2100		1900	ug/Kg	90				62	101	
1,4-Dichlorobenzene	2100		1900	ug/Kg	90				63	104	
Benzyl Alcohol	2100		2100	ug/Kg	100				47	126	
2-Methylphenol	2100		2000	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	2100		1800	ug/Kg	86				52	115	
Acetophenone	2100		1700	ug/Kg	81				75	111	
3+4-Methylphenols	2100		1900	ug/Kg	90				53	132	
N-Nitroso-di-n-propylamine	2100		1800	ug/Kg	86				59	119	
Hexachloroethane	2100		1900	ug/Kg	90				65	117	
Nitrobenzene	2100		1900	ug/Kg	90				70	119	
Isophorone	2100		1900	ug/Kg	90				76	122	
2-Nitrophenol	2100		2600	ug/Kg	124				54	145	
2,4-Dimethylphenol	2100		2100	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	2100		2000	ug/Kg	95				68	112	
2,4-Dichlorophenol	2100		2000	ug/Kg	95				72	118	
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90				57	103	
Benzoic acid	2100		2100	ug/Kg	100				50	104	
Naphthalene	2100		1900	ug/Kg	90				72	110	
4-Chloroaniline	2100		650	ug/Kg	31				10	100	
Hexachlorobutadiene	2100		1800	ug/Kg	86				66	114	
Caprolactam	2100		2100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	2100		2100	ug/Kg	100				57	132	
2-Methylnaphthalene	2100		1900	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	4200		4900	ug/Kg	117				10	175	
2,4,6-Trichlorophenol	2100		2200	ug/Kg	105				72	117	
2,4,5-Trichlorophenol	2100		2100	ug/Kg	100				72	117	
1,1-Biphenyl	2100		1800	ug/Kg	86				75	113	
2-Chloronaphthalene	2100		1900	ug/Kg	90				67	118	
2-Nitroaniline	2100		2300	ug/Kg	110				69	127	
Dimethylphthalate	2100		2100	ug/Kg	100				70	113	
Acenaphthylene	2100		2100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	2100		2300	ug/Kg	110				70	125	
3-Nitroaniline	2100		1300	ug/Kg	62				20	111	
Acenaphthene	2100		2100	ug/Kg	100				70	121	
Total PAH	33600		31800	ug/Kg	95				70	121	
2,4-Dinitrophenol	4200		4100	ug/Kg	98				16	160	
4-Nitrophenol	4200		4300	ug/Kg	102				45	133	
Dibenzofuran	2100		2000	ug/Kg	95				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		2500	ug/Kg	119				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4800	ug/Kg	114				55	128	
Diethylphthalate	2100		2100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	2100		1900	ug/Kg	90				71	108	
Fluorene	2100		1900	ug/Kg	90				68	116	
4-Nitroaniline	2100		2100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	2100		2500	ug/Kg	119				32	145	
N-Nitrosodiphenylamine	2100		2000	ug/Kg	95				73	118	
Azobenzene	2100		2000	ug/Kg	95				73	110	
4-Bromophenyl-phenylether	2100		2000	ug/Kg	95				65	121	
Hexachlorobenzene	2100		2000	ug/Kg	95				67	118	
Atrazine	2100		2300	ug/Kg	110				79	127	
Pentachlorophenol	4200		3700	ug/Kg	88				47	128	
Phenanthrene	2100		2000	ug/Kg	95				72	113	
Anthracene	2100		2000	ug/Kg	95				62	124	
Carbazole	2100		1900	ug/Kg	90				59	119	
Di-n-butylphthalate	2100		2300	ug/Kg	110				69	118	
Fluoranthene	2100		1900	ug/Kg	90				59	125	
Benzydine	4200		3900	ug/Kg	93				10	119	
Pyrene	2100		2000	ug/Kg	95				52	128	
Butylbenzylphthalate	2100		2800	ug/Kg	133	*			64	126	
3,3-Dichlorobenzidine	2100		1800	ug/Kg	86				10	164	
Benzo(a)anthracene	2100		2100	ug/Kg	100				71	114	
Chrysene	2100		2100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	2100		3000	ug/Kg	143	*			66	127	
Di-n-octyl phthalate	2100		3300	ug/Kg	157	*			71	126	
Benzo(b)fluoranthene	2100		1900	ug/Kg	90				67	121	
Benzo(k)fluoranthene	2100		2000	ug/Kg	95				74	114	
Benzo(a)pyrene	2100		2200	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	2100		2000	ug/Kg	95				61	125	
Dibenz(a,h)anthracene	2100		1900	ug/Kg	90				67	130	
Benzo(g,h,i)perylene	2100		1700	ug/Kg	81				53	140	
1,2,4,5-Tetrachlorobenzene	2100		1800	ug/Kg	86				69	124	
1,4-Dioxane	2100		1600	ug/Kg	76				46	112	
2,3,4,6-Tetrachlorophenol	2100		2200	ug/Kg	105				56	133	
1-Methylnaphthalene	2100		1800	ug/Kg	86				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2915-01MSD		Client Sample ID: WC-NORTH-1MSD		DataFile: BF138357.D							
n-Nitrosodimethylamine	2100		1800	ug/Kg	86		5		66	124	20
Pyridine	2100		1800	ug/Kg	86		0		45	119	20
Benzaldehyde	2100		630	ug/Kg	30		0		26	163	20
Aniline	2100		1500	ug/Kg	71		0		10	88	20
Phenol	2100		2000	ug/Kg	95		5		67	126	20
bis(2-Chloroethyl)ether	2100		1900	ug/Kg	90		5		74	116	20
2-Chlorophenol	2100		2000	ug/Kg	95		5		61	138	20
1,2-Dichlorobenzene	2100		1900	ug/Kg	90		0		61	105	20
1,3-Dichlorobenzene	2100		1900	ug/Kg	90		0		62	101	20
1,4-Dichlorobenzene	2100		1900	ug/Kg	90		0		63	104	20
Benzyl Alcohol	2100		2100	ug/Kg	100		0		47	126	20
2-Methylphenol	2100		2000	ug/Kg	95		0		66	122	20
2,2-oxybis(1-Chloropropane)	2100		1700	ug/Kg	81		6		52	115	20
Acetophenone	2100		1700	ug/Kg	81		0		75	111	20
3+4-Methylphenols	2100		1900	ug/Kg	90		0		53	132	20
N-Nitroso-di-n-propylamine	2100		1800	ug/Kg	86		0		59	119	20
Hexachloroethane	2100		1900	ug/Kg	90		0		65	117	20
Nitrobenzene	2100		1800	ug/Kg	86		5		70	119	20
Isophorone	2100		1900	ug/Kg	90		0		76	122	20
2-Nitrophenol	2100		2600	ug/Kg	124		0		54	145	20
2,4-Dimethylphenol	2100		2100	ug/Kg	100		0		83	144	20
bis(2-Chloroethoxy)methane	2100		1900	ug/Kg	90		5		68	112	20
2,4-Dichlorophenol	2100		2000	ug/Kg	95		0		72	118	20
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90		0		57	103	20
Benzoic acid	2100		2000	ug/Kg	95		5		50	104	20
Naphthalene	2100		1800	ug/Kg	86		5		72	110	20
4-Chloroaniline	2100		710	ug/Kg	34		9		10	100	20
Hexachlorobutadiene	2100		1900	ug/Kg	90		5		66	114	20
Caprolactam	2100		2100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	2100		2100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	2100		1900	ug/Kg	90		0		59	123	20
Hexachlorocyclopentadiene	4200		4800	ug/Kg	114		3		10	175	20
2,4,6-Trichlorophenol	2100		2100	ug/Kg	100		5		72	117	20
2,4,5-Trichlorophenol	2100		2000	ug/Kg	95		5		72	117	20
1,1-Biphenyl	2100		1800	ug/Kg	86		0		75	113	20
2-Chloronaphthalene	2100		1900	ug/Kg	90		0		67	118	20
2-Nitroaniline	2100		2200	ug/Kg	105		5		69	127	20
Dimethylphthalate	2100		2100	ug/Kg	100		0		70	113	20
Acenaphthylene	2100		2100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	2100		2200	ug/Kg	105		5		70	125	20
3-Nitroaniline	2100		1300	ug/Kg	62		0		20	111	20
Acenaphthene	2100		2000	ug/Kg	95		5		70	121	20
Total PAH	33600		31000	ug/Kg	92		3		70	121	20
2,4-Dinitrophenol	4200		4000	ug/Kg	95		3		16	160	20
4-Nitrophenol	4200		3900	ug/Kg	93		9		45	133	20
Dibenzofuran	2100		1900	ug/Kg	90		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		2400	ug/Kg	114		4		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		4600	ug/Kg	110		4		55	128	20
Diethylphthalate	2100		2100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	2100		1900	ug/Kg	90		0		71	108	20
Fluorene	2100		1800	ug/Kg	86		5		68	116	20
4-Nitroaniline	2100		2000	ug/Kg	95		5		55	120	20
4,6-Dinitro-2-methylphenol	2100		2300	ug/Kg	110		8		32	145	20
N-Nitrosodiphenylamine	2100		2000	ug/Kg	95		0		73	118	20
Azobenzene	2100		1900	ug/Kg	90		5		73	110	20
4-Bromophenyl-phenylether	2100		2000	ug/Kg	95		0		65	121	20
Hexachlorobenzene	2100		1900	ug/Kg	90		5		67	118	20
Atrazine	2100		2200	ug/Kg	105		5		79	127	20
Pentachlorophenol	4200		3500	ug/Kg	83		6		47	128	20
Phenanthrene	2100		1900	ug/Kg	90		5		72	113	20
Anthracene	2100		2000	ug/Kg	95		0		62	124	20
Carbazole	2100		1800	ug/Kg	86		5		59	119	20
Di-n-butylphthalate	2100		2300	ug/Kg	110		0		69	118	20
Fluoranthene	2100		1700	ug/Kg	81		11		59	125	20
Benzydine	4200		4200	ug/Kg	100		7		10	119	20
Pyrene	2100		1900	ug/Kg	90		5		52	128	20
Butylbenzylphthalate	2100		2800	ug/Kg	133	*	0		64	126	20
3,3-Dichlorobenzidine	2100		1800	ug/Kg	86		0		10	164	20
Benzo(a)anthracene	2100		2000	ug/Kg	95		5		71	114	20
Chrysene	2100		2100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	2100		3100	ug/Kg	148	*	3		66	127	20
Di-n-octyl phthalate	2100		3500	ug/Kg	167	*	6		71	126	20
Benzo(b)fluoranthene	2100		2000	ug/Kg	95		5		67	121	20
Benzo(k)fluoranthene	2100		2000	ug/Kg	95		0		74	114	20
Benzo(a)pyrene	2100		2200	ug/Kg	105		0		70	142	20
Indeno(1,2,3-cd)pyrene	2100		1900	ug/Kg	90		5		61	125	20
Dibenz(a,h)anthracene	2100		1900	ug/Kg	90		0		67	130	20
Benzo(g,h,i)perylene	2100		1700	ug/Kg	81		0		53	140	20
1,2,4,5-Tetrachlorobenzene	2100		1800	ug/Kg	86		0		69	124	20
1,4-Dioxane	2100		1600	ug/Kg	76		0		46	112	20
2,3,4,6-Tetrachlorophenol	2100		2100	ug/Kg	100		5		56	133	20
1-Methylnaphthalene	2100		1800	ug/Kg	86		0		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BF062624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161686BL	PB161686BL	BF138349.D	2-Fluorophenol	150	118.97	79		18	112
			Phenol-d6	150	116.32	78		15	107
			Nitrobenzene-d5	100	81.03	81		18	107
			2-Fluorobiphenyl	100	72.82	73		20	109
			2,4,6-Tribromophenol	150	130.69	87		10	110
			Terphenyl-d14	100	77.06	77		14	112
PB161686BS	PB161686BS	BF138350.D	2-Fluorophenol	150	113.33	76		18	112
			Phenol-d6	150	113.00	75		15	107
			Nitrobenzene-d5	100	76.68	77		18	107
			2-Fluorobiphenyl	100	69.80	70		20	109
			2,4,6-Tribromophenol	150	127.20	85		10	110
			Terphenyl-d14	100	91.48	91		14	112

Surrogate Summary

SW-846

SDG No.: **BF062624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2915-01	WC-NORTH-1	BF138355.D	2-Fluorophenol	150	93.61	62		18	112
			Phenol-d6	150	91.79	61		15	107
			Nitrobenzene-d5	100	64.33	64		18	107
			2-Fluorobiphenyl	100	62.66	63		20	109
			2,4,6-Tribromophenol	150	100.81	67		10	110
			Terphenyl-d14	100	59.42	59		14	112
P2915-01MS	WC-NORTH-1MS	BF138356.D	2-Fluorophenol	150	100.81	67		18	112
			Phenol-d6	150	100.81	67		15	107
			Nitrobenzene-d5	100	70.44	70		18	107
			2-Fluorobiphenyl	100	66.74	67		20	109
			2,4,6-Tribromophenol	150	112.49	75		10	110
			Terphenyl-d14	100	68.85	69		14	112
P2915-01MSD	WC-NORTH-1MSI	BF138357.D	2-Fluorophenol	150	98.45	66		18	112
			Phenol-d6	150	97.13	65		15	107
			Nitrobenzene-d5	100	69.04	69		18	107
			2-Fluorobiphenyl	100	66.11	66		20	109
			2,4,6-Tribromophenol	150	109.04	73		10	110
			Terphenyl-d14	100	67.63	68		14	112
P2915-02	WC-SOUTH-1	BF138358.D	2-Fluorophenol	150	120.89	81		18	112
			Phenol-d6	150	120.15	80		15	107
			Nitrobenzene-d5	100	84.21	84		18	107
			2-Fluorobiphenyl	100	80.98	81		20	109
			2,4,6-Tribromophenol	150	133.58	89		10	110
			Terphenyl-d14	100	81.71	82		14	112
PB161725BL	PB161725BL	BF138351.D	2-Fluorophenol	150	117.80	79		18	112
			Phenol-d6	150	116.37	78		15	107
			Nitrobenzene-d5	100	79.71	80		18	107
			2-Fluorobiphenyl	100	72.63	73		20	109
			2,4,6-Tribromophenol	150	129.78	87		10	110
			Terphenyl-d14	100	79.71	80		14	112
PB161725BS	PB161725BS	BF138352.D	2-Fluorophenol	150	112.15	75		18	112
			Phenol-d6	150	111.79	75		15	107
			Nitrobenzene-d5	100	78.30	78		18	107
			2-Fluorobiphenyl	100	69.55	70		20	109
			2,4,6-Tribromophenol	150	127.64	85		10	110
			Terphenyl-d14	100	84.70	85		14	112

Surrogate Summary

SW-846

SDG No.: **BF062624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3049-02	SHOR-RAG-DRUMBF138359.D		2-Fluorophenol	150	122.79	82		10	139
			Phenol-d6	150	85.16	57		10	134
			Nitrobenzene-d5	100	179.67	180	*	49	133
			2-Fluorobiphenyl	100	88.23	88		52	132
			2,4,6-Tribromophenol	150	116.11	77		32	145
			Terphenyl-d14	100	53.49	53		36	145
P3049-02MS	SHOR-RAG-DRUMBF138360.D		2-Fluorophenol	150	126.85	85		10	139
			Phenol-d6	150	113.46	76		10	134
			Nitrobenzene-d5	100	177.52	178	*	49	133
			2-Fluorobiphenyl	100	84.51	85		52	132
			2,4,6-Tribromophenol	150	113.64	76		32	145
			Terphenyl-d14	100	64.08	64		36	145
PB161745BL	PB161745BL	BF138353.D	2-Fluorophenol	150	111.30	74		10	139
			Phenol-d6	150	114.43	76		10	134
			Nitrobenzene-d5	100	80.18	80		49	133
			2-Fluorobiphenyl	100	73.14	73		52	132
			2,4,6-Tribromophenol	150	125.00	83		32	145
			Terphenyl-d14	100	80.60	81		36	145
PB161745BS	PB161745BS	BF138354.D	2-Fluorophenol	150	114.39	76		10	139
			Phenol-d6	150	112.74	75		10	134
			Nitrobenzene-d5	100	79.11	79		49	133
			2-Fluorobiphenyl	100	69.60	70		52	132
			2,4,6-Tribromophenol	150	130.25	87		32	145
			Terphenyl-d14	100	82.51	83		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062624

Lab Code: CHEM

SAS No.: BF062624

SDG NO.: BF062624

Lab File ID: BF138347.D

DFTPP Injection Date: 06/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 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	BF138348.D	06/26/2024	13:12
PB161686BL	PB161686BL	BF138349.D	06/26/2024	13:45
PB161686BS	PB161686BS	BF138350.D	06/26/2024	14:15
PB161725BL	PB161725BL	BF138351.D	06/26/2024	14:45
PB161725BS	PB161725BS	BF138352.D	06/26/2024	15:15
PB161745BL	PB161745BL	BF138353.D	06/26/2024	15:50
PB161745BS	PB161745BS	BF138354.D	06/26/2024	16:20
WC-NORTH-1	P2915-01	BF138355.D	06/26/2024	16:56
WC-NORTH-1MS	P2915-01MS	BF138356.D	06/26/2024	17:27
WC-NORTH-1MSD	P2915-01MSD	BF138357.D	06/26/2024	17:58
WC-SOUTH-1	P2915-02	BF138358.D	06/26/2024	18:29
SHOR-RAG-DRUM	P3049-02	BF138359.D	06/26/2024	19:00
SHOR-RAG-DRUMMS	P3049-02MS	BF138360.D	06/26/2024	19:31