284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG No.: BN081724

Instrument ID: BNA_N Calibration Date/Time: 8/16/2024 12 13:34

Lab File ID: BN033428.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.576		-6.494	20.0
Fluoranthene-d10	1.069	1.047		-2.058	20.0
n-Nitrosodimethylamine	0.572	0.519		-9.266	20.0
2-Fluorophenol	1.105	1.138		2.986	20.0
Phenol-d6	1.492	1.404		-5.898	20.0
bis(2-Chloroethyl)ether	1.209	1.201		-0.662	20.0
Nitrobenzene-d5	0.302	0.354		17.219	20.0
Naphthalene	1.103	1.123		1.813	20.0
Hexachlorobutadiene	0.210	0.220		4.762	20.0
2-Methylnaphthalene	0.745	0.706		-5.235	20.0
2-Fluorobiphenyl	1.640	1.593		-2.866	20.0
Acenaphthylene	1.867	1.819		-2.571	20.0
Acenaphthene	1.281	1.252		-2.264	20.0
Fluorene	1.689	1.571		-6.986	20.0
4,6-Dinitro-2-methylphenol	0.049	0.049		0.0	20.0
2,4,6-Tribromophenol	0.205	0.233		13.659	20.0
4-Bromophenyl-phenylether	0.239	0.247		3.347	20.0
Hexachlorobenzene	0.268	0.272		1.493	20.0
Atrazine	0.190	0.208		9.474	20.0
Pentachlorophenol	0.108	0.149		37.963	20.0
Phenanthrene	1.155	1.145		-0.866	20.0
Anthracene	1.023	1.066		4.203	20.0
Fluoranthene	1.422	1.375		-3.305	20.0
Pyrene	1.592	1.664		4.523	20.0
Terphenyl-d14	0.756	0.793		4.894	20.0
Benzo(a)anthracene	1.494	1.511		1.138	20.0
Chrysene	1.504	1.469		-2.327	20.0
Bis(2-ethylhexyl)phthalate	0.679	1.332		96.171	20.0
Benzo(b)fluoranthene	1.505	1.436		-4.585	20.0
Benzo(k)fluoranthene	1.537	1.419		-7.677	20.0
Benzo(a)pyrene	1.268	1.251		-1.341	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.638		-0.907	20.0
Dibenzo(a,h)anthracene	1.305	1.301		-0.307	20.0
Benzo(g,h,i)perylene	1.448	1.370		-5.387	20.0
1,4-Dioxane	0.444	0.470		5.856	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG No.: BN081724

Instrument ID: BNA_N Calibration Date/Time: 8/16/2024 12 23:53

Lab File ID: BN033445.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.529		-14.123	50.0
Fluoranthene-d10	1.069	0.942		-11.88	50.0
n-Nitrosodimethylamine	0.572	0.446		-22.028	50.0
2-Fluorophenol	1.105	1.133		2.534	50.0
Phenol-d6	1.492	1.415		-5.161	50.0
bis(2-Chloroethyl)ether	1.209	1.031		-14.723	50.0
Nitrobenzene-d5	0.302	0.300		-0.662	50.0
Naphthalene	1.103	0.975		-11.605	50.0
Hexachlorobutadiene	0.210	0.190		-9.524	50.0
2-Methylnaphthalene	0.745	0.613		-17.718	50.0
2-Fluorobiphenyl	1.640	1.429		-12.866	50.0
Acenaphthylene	1.867	1.512		-19.014	50.0
Acenaphthene	1.281	1.080		-15.691	50.0
Fluorene	1.689	1.366		-19.124	50.0
4,6-Dinitro-2-methylphenol	0.049	0.048		-2.041	50.0
2,4,6-Tribromophenol	0.205	0.209		1.951	50.0
4-Bromophenyl-phenylether	0.239	0.210		-12.134	50.0
Hexachlorobenzene	0.268	0.242		-9.701	50.0
Atrazine	0.190	0.179		-5.789	50.0
Pentachlorophenol	0.108	0.109		0.926	50.0
Phenanthrene	1.155	1.002		-13.247	50.0
Anthracene	1.023	0.886		-13.392	50.0
Fluoranthene	1.422	1.180		-17.018	50.0
Pyrene	1.592	1.471		-7.601	50.0
Terphenyl-d14	0.756	0.823		8.862	50.0
Benzo(a)anthracene	1.494	1.319		-11.714	50.0
Chrysene	1.504	1.317		-12.434	50.0
Bis(2-ethylhexyl)phthalate	0.679	0.896		31.959	50.0
Benzo(b)fluoranthene	1.505	1.284		-14.684	50.0
Benzo(k)fluoranthene	1.537	1.254		-18.412	50.0
Benzo(a)pyrene	1.268	1.099		-13.328	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.441		-12.825	50.0
Dibenzo(a,h)anthracene	1.305	1.159		-11.188	50.0
Benzo(g,h,i)perylene	1.448	1.217		-15.953	50.0
1,4-Dioxane	0.444	0.401		-9.685	50.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG No.: BN081724

Instrument ID: BNA_N Calibration Date/Time: 8/17/2024 12 01:48

Lab File ID: BN033447.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.549		-10.877	20.0
Fluoranthene-d10	1.069	0.978		-8.513	20.0
n-Nitrosodimethylamine	0.572	0.511		-10.664	20.0
2-Fluorophenol	1.105	1.084		-1.9	20.0
Phenol-d6	1.492	1.333		-10.657	20.0
bis(2-Chloroethyl)ether	1.209	1.151		-4.797	20.0
Nitrobenzene-d5	0.302	0.325		7.616	20.0
Naphthalene	1.103	1.078		-2.267	20.0
Hexachlorobutadiene	0.210	0.212		0.952	20.0
2-Methylnaphthalene	0.745	0.674		-9.53	20.0
2-Fluorobiphenyl	1.640	1.623		-1.037	20.0
Acenaphthylene	1.867	1.706		-8.623	20.0
Acenaphthene	1.281	1.212		-5.386	20.0
Fluorene	1.689	1.541		-8.763	20.0
4,6-Dinitro-2-methylphenol	0.049	0.049		0.0	20.0
2,4,6-Tribromophenol	0.205	0.195		-4.878	20.0
4-Bromophenyl-phenylether	0.239	0.234		-2.092	20.0
Hexachlorobenzene	0.268	0.267		-0.373	20.0
Atrazine	0.190	0.182		-4.211	20.0
Pentachlorophenol	0.108	0.114		5.556	20.0
Phenanthrene	1.155	1.124		-2.684	20.0
Anthracene	1.023	0.966		-5.572	20.0
Fluoranthene	1.422	1.304		-8.298	20.0
Pyrene	1.592	1.608		1.005	20.0
Terphenyl-d14	0.756	0.793		4.894	20.0
Benzo(a)anthracene	1.494	1.430		-4.284	20.0
Chrysene	1.504	1.459		-2.992	20.0
Bis(2-ethylhexyl)phthalate	0.679	0.941		38.586	20.0
Benzo(b)fluoranthene	1.505	1.394		-7.375	20.0
Benzo(k)fluoranthene	1.537	1.388		-9.694	20.0
Benzo(a)pyrene	1.268	1.191		-6.073	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.637		-0.968	20.0
Dibenzo(a,h)anthracene	1.305	1.320		1.149	20.0
Benzo(g,h,i)perylene	1.448	1.377		-4.903	20.0
1,4-Dioxane	0.444	0.457		2.928	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	8/13/2024 12:00:00 AM
Project:				Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162692BL			SDG No.:	BN081724
Lab Sample ID:	PB162692BL			Matrix:	Solid
Analytical Method:	8270-Modified			% 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
BN033429.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	0.69	U	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.69	U	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	U	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	0.55	U	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14.61	U	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	0.6	U	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.79	U	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	0.79	U	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	0.95	U	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.76	U	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	0.86	U	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.98	U	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	U	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/13/2024 12:00:00 AM
Project:				Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162692BL			SDG No.:	BN081724
Lab Sample ID:	PB162692BL			Matrix:	Solid
Analytical Method:	8270-Modified			% 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
BN033429.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.342		17-161		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.335		23-138		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.38		28-122		95	SPK: -0.4
13127-88-3	Phenol-d6	0.309		25-125		77	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.43		33-121		108	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.358		32-121		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.209		19-110		52	SPK: -0.4
1718-51-0	Terphenyl-d14	0.455		21-130		114	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7905	7.567				
1146-65-2	Naphthalene-d8	21401	10.325				
15067-26-2	Acenaphthene-d10	10134	14.199				
1517-22-2	Phenanthrene-d10	20177	16.942				
1719-03-5	Chrysene-d12	15595	21.157				
1520-96-3	Perylene-d12	17788	23.332				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BN081724
Lab Sample ID:	P3440-02MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN033430.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.17	J	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.34		0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.3		0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	6.78		0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.41		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.48		0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.38		0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.44		0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	1.1		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.64		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.44		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.55		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.51		0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.4		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.6		0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.18	J	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BN081724
Lab Sample ID:	P3440-02MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN033430.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.318		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.34		30-150		85	SPK: -0.4
367-12-4	2-Fluorophenol	0.157		10-100		39	SPK: -0.4
13127-88-3	Phenol-d6	0.096		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.336		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.304		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.372		10-131		93	SPK: -0.4
1718-51-0	Terphenyl-d14	0.468		35-157		117	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8556	7.567				
1146-65-2	Naphthalene-d8	23496	10.325				
15067-26-2	Acenaphthene-d10	12255	14.199				
1517-22-2	Phenanthrene-d10	24755	16.942				
1719-03-5	Chrysene-d12	22760	21.157				
1520-96-3	Perylene-d12	23172	23.332				

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Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD	SDG No.:	BN081724
Lab Sample ID:	P3440-03MSD	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	910 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
BN033431.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.16	J	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.35		0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.36		0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.33		0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.37		0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.41		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	7.29		0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.44		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.48		0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.47		0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	1.1		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.7		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.48		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.58		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.56		0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.47		0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.44		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.63		0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.2	J	0.07	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BN081724
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	910	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
BN033431.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.345		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.366		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.171		10-100		43	SPK: -0.4
13127-88-3	Phenol-d6	0.105		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.361		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.329		34-132		82	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.391		10-131		98	SPK: -0.4
1718-51-0	Terphenyl-d14	0.52		35-157		130	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7664	7.567				
1146-65-2	Naphthalene-d8	21239	10.325				
15067-26-2	Acenaphthene-d10	11079	14.199				
1517-22-2	Phenanthrene-d10	21857	16.942				
1719-03-5	Chrysene-d12	19351	21.157				
1520-96-3	Perylene-d12	19851	23.332				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WPO-0-0.25-073124			SDG No.:	BN081724
Lab Sample ID:	P3430-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN033432.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.06	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.19	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WPO-0-0.25-073124			SDG No.:	BN081724
Lab Sample ID:	P3430-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN033432.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	74.58	*	10-100		18645	SPK: -0.4
13127-88-3	Phenol-d6	44.338	*	10-100		11085	SPK: -0.4
4165-60-0	Nitrobenzene-d5	123.872	*	27-123		30968	SPK: -0.4
321-60-8	2-Fluorobiphenyl	86.582	*	34-132		21646	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	190.906	*	10-131		47727	SPK: -0.4
1718-51-0	Terphenyl-d14	93.766	*	35-157		23441	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	375314	7.567				
1146-65-2	Naphthalene-d8	1036148	10.325				
15067-26-2	Acenaphthene-d10	565612	14.199				
1517-22-2	Phenanthrene-d10	1100832	16.954				
1719-03-5	Chrysene-d12	883764	21.157				
1520-96-3	Perylene-d12	935153	23.338				

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WPO-0-0.25-073124-FD	SDG No.:	BN081724
Lab Sample ID:	P3430-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 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
BN033433.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.06	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.17	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WPO-0-0.25-073124-FD	SDG No.:	BN081724
Lab Sample ID:	P3430-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 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
BN033433.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	75.901	*	10-100		18975	SPK: -0.4
13127-88-3	Phenol-d6	47.897	*	10-100		11974	SPK: -0.4
4165-60-0	Nitrobenzene-d5	113.425	*	27-123		28356	SPK: -0.4
321-60-8	2-Fluorobiphenyl	78.144	*	34-132		19536	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	178.94	*	10-131		44735	SPK: -0.4
1718-51-0	Terphenyl-d14	89.921	*	35-157		22480	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	419520	7.566				
1146-65-2	Naphthalene-d8	1163448	10.325				
15067-26-2	Acenaphthene-d10	646644	14.199				
1517-22-2	Phenanthrene-d10	1285041	16.954				
1719-03-5	Chrysene-d12	1064756	21.157				
1520-96-3	Perylene-d12	1130216	23.338				

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WPO-0-0.25-073124	SDG No.:	BN081724
Lab Sample ID:	P3430-03	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033434.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.03	J	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.05	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.04	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.16	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WPO-0-0.25-073124	SDG No.:	BN081724
Lab Sample ID:	P3430-03	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033434.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	75.046	*	10-100		18761	SPK: -0.4
13127-88-3	Phenol-d6	46.322	*	10-100		11580	SPK: -0.4
4165-60-0	Nitrobenzene-d5	121.955	*	27-123		30489	SPK: -0.4
321-60-8	2-Fluorobiphenyl	85.52	*	34-132		21380	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	188.272	*	10-131		47068	SPK: -0.4
1718-51-0	Terphenyl-d14	102.709	*	35-157		25677	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	341133	7.567				
1146-65-2	Naphthalene-d8	952177	10.325				
15067-26-2	Acenaphthene-d10	540304	14.199				
1517-22-2	Phenanthrene-d10	1101469	16.942				
1719-03-5	Chrysene-d12	904037	21.157				
1520-96-3	Perylene-d12	966674	23.335				

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WPO-0-0.25-073124	SDG No.:	BN081724
Lab Sample ID:	P3430-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN033435.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.03	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	J	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WPO-0-0.25-073124	SDG No.:	BN081724
Lab Sample ID:	P3430-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN033435.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	63.195	*	10-100		15799	SPK: -0.4
13127-88-3	Phenol-d6	38.689	*	10-100		9672	SPK: -0.4
4165-60-0	Nitrobenzene-d5	108.38	*	27-123		27095	SPK: -0.4
321-60-8	2-Fluorobiphenyl	75.091	*	34-132		18773	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	174.295	*	10-131		43574	SPK: -0.4
1718-51-0	Terphenyl-d14	73.933	*	35-157		18483	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	359556	7.567				
1146-65-2	Naphthalene-d8	1031968	10.325				
15067-26-2	Acenaphthene-d10	603742	14.199				
1517-22-2	Phenanthrene-d10	1264688	16.954				
1719-03-5	Chrysene-d12	1067328	21.157				
1520-96-3	Perylene-d12	1138568	23.332				

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WPO-0-0.25-073124	SDG No.:	BN081724
Lab Sample ID:	P3430-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990 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
BN033436.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.04	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.1		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WPO-0-0.25-073124	SDG No.:	BN081724
Lab Sample ID:	P3430-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990 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
BN033436.D	1	8/1/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	74.282	*	10-100		18570	SPK: -0.4
13127-88-3	Phenol-d6	45.781	*	10-100		11445	SPK: -0.4
4165-60-0	Nitrobenzene-d5	117.379	*	27-123		29345	SPK: -0.4
321-60-8	2-Fluorobiphenyl	83.449	*	34-132		20862	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	176.099	*	10-131		44025	SPK: -0.4
1718-51-0	Terphenyl-d14	88.484	*	35-157		22121	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	373348	7.567				
1146-65-2	Naphthalene-d8	1027603	10.325				
15067-26-2	Acenaphthene-d10	563129	14.199				
1517-22-2	Phenanthrene-d10	1092499	16.954				
1719-03-5	Chrysene-d12	872555	21.157				
1520-96-3	Perylene-d12	926992	23.332				

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Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WP0-0.25-080124	SDG No.:	BN081724
Lab Sample ID:	P3450-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN033437.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.04	J	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.08	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.08	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.04	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WP0-0.25-080124			SDG No.:	BN081724
Lab Sample ID:	P3450-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	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
BN033437.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	58.644	*	10-100		14661	SPK: -0.4
13127-88-3	Phenol-d6	33.447	*	10-100		8362	SPK: -0.4
4165-60-0	Nitrobenzene-d5	112.055	*	27-123		28014	SPK: -0.4
321-60-8	2-Fluorobiphenyl	80.879	*	34-132		20220	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	163.201	*	10-131		40800	SPK: -0.4
1718-51-0	Terphenyl-d14	96.277	*	35-157		24069	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	375592	7.567				
1146-65-2	Naphthalene-d8	1042722	10.325				
15067-26-2	Acenaphthene-d10	557748	14.199				
1517-22-2	Phenanthrene-d10	1059065	16.954				
1719-03-5	Chrysene-d12	816194	21.157				
1520-96-3	Perylene-d12	880100	23.329				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WP0-0.25-080124			SDG No.:	BN081724
Lab Sample ID:	P3450-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033438.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.06	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WP0-0.25-080124			SDG No.:	BN081724
Lab Sample ID:	P3450-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033438.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	55.495	*	10-100		13874	SPK: -0.4
13127-88-3	Phenol-d6	32.539	*	10-100		8135	SPK: -0.4
4165-60-0	Nitrobenzene-d5	100.1	*	27-123		25025	SPK: -0.4
321-60-8	2-Fluorobiphenyl	71.282	*	34-132		17820	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	158.505	*	10-131		39626	SPK: -0.4
1718-51-0	Terphenyl-d14	82.766	*	35-157		20691	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	407861	7.566				
1146-65-2	Naphthalene-d8	1145313	10.325				
15067-26-2	Acenaphthene-d10	640281	14.199				
1517-22-2	Phenanthrene-d10	1283961	16.941				
1719-03-5	Chrysene-d12	1072215	21.157				
1520-96-3	Perylene-d12	1141348	23.332				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WP0-0.25-080124			SDG No.:	BN081724
Lab Sample ID:	P3450-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033439.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.04	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.04	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.05	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.04	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2	J	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WP0-0.25-080124			SDG No.:	BN081724
Lab Sample ID:	P3450-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033439.D	1	8/2/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	56.934	*	10-100		14233	SPK: -0.4
13127-88-3	Phenol-d6	33.082	*	10-100		8271	SPK: -0.4
4165-60-0	Nitrobenzene-d5	103.464	*	27-123		25866	SPK: -0.4
321-60-8	2-Fluorobiphenyl	73.822	*	34-132		18455	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	160.899	*	10-131		40225	SPK: -0.4
1718-51-0	Terphenyl-d14	89.221	*	35-157		22305	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	377201	7.566				
1146-65-2	Naphthalene-d8	1053574	10.325				
15067-26-2	Acenaphthene-d10	591252	14.199				
1517-22-2	Phenanthrene-d10	1171020	16.942				
1719-03-5	Chrysene-d12	958120	21.157				
1520-96-3	Perylene-d12	1034032	23.329				

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Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224	SDG No.:	BN081724
Lab Sample ID:	P3466-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	940 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
BN033440.D	1	8/5/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.11	1.76	ug/L
86-73-7	Fluorene	0.03	J	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.35		0.1	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.25		0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	924-K1-WP0-0.25-080224			SDG No.:	BN081724
Lab Sample ID:	P3466-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	940	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
BN033440.D	1	8/5/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	66.024	*	10-100		16506	SPK: -0.4
13127-88-3	Phenol-d6	40.472	*	10-100		10118	SPK: -0.4
4165-60-0	Nitrobenzene-d5	105.043	*	27-123		26261	SPK: -0.4
321-60-8	2-Fluorobiphenyl	71.99	*	34-132		17997	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	167.354	*	10-131		41839	SPK: -0.4
1718-51-0	Terphenyl-d14	86.165	*	35-157		21541	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	399153	7.566				
1146-65-2	Naphthalene-d8	1159511	10.325				
15067-26-2	Acenaphthene-d10	668093	14.199				
1517-22-2	Phenanthrene-d10	1361010	16.942				
1719-03-5	Chrysene-d12	1126111	21.157				
1520-96-3	Perylene-d12	1214900	23.329				

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Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	932-K1-WP0-0.25-080224	SDG No.:	BN081724
Lab Sample ID:	P3466-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	920 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
BN033441.D	1	8/5/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	J	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.05	J	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.05	J	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.04	J	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.2		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	1.62	J	0.49	0.11	1.76	ug/L
86-73-7	Fluorene	0.43		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	4.8		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.62		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.12		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.12		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.08	J	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.31		0.07	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	932-K1-WP0-0.25-080224			SDG No.:	BN081724
Lab Sample ID:	P3466-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	920	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
BN033441.D	1	8/5/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	96.515	*	10-100		24129	SPK: -0.4
13127-88-3	Phenol-d6	63.612	*	10-100		15903	SPK: -0.4
4165-60-0	Nitrobenzene-d5	130.373	*	27-123		32593	SPK: -0.4
321-60-8	2-Fluorobiphenyl	91.087	*	34-132		22772	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	199.179	*	10-131		49795	SPK: -0.4
1718-51-0	Terphenyl-d14	103.346	*	35-157		25836	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	367311	7.567				
1146-65-2	Naphthalene-d8	1008146	10.325				
15067-26-2	Acenaphthene-d10	544769	14.199				
1517-22-2	Phenanthrene-d10	1080213	16.942				
1719-03-5	Chrysene-d12	914366	21.157				
1520-96-3	Perylene-d12	963475	23.329				

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	919-J-WP0-0.25-080224			SDG No.:	BN081724
Lab Sample ID:	P3466-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN033442.D	1	8/5/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.05	J	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	2.7		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	J	0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	919-J-WP0-0.25-080224			SDG No.:	BN081724
Lab Sample ID:	P3466-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN033442.D	1	8/5/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	81.367	*	10-100		20342	SPK: -0.4
13127-88-3	Phenol-d6	50.724	*	10-100		12681	SPK: -0.4
4165-60-0	Nitrobenzene-d5	123.644	*	27-123		30911	SPK: -0.4
321-60-8	2-Fluorobiphenyl	83.31	*	34-132		20827	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	193.156	*	10-131		48289	SPK: -0.4
1718-51-0	Terphenyl-d14	100.492	*	35-157		25123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	376394	7.566				
1146-65-2	Naphthalene-d8	1039826	10.325				
15067-26-2	Acenaphthene-d10	578544	14.199				
1517-22-2	Phenanthrene-d10	1167264	16.941				
1719-03-5	Chrysene-d12	962255	21.157				
1520-96-3	Perylene-d12	1027396	23.326				

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	915-J-WPO-0.25-081424			SDG No.:	BN081724
Lab Sample ID:	P3620-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN033443.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.56		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	3.32		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.62		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	1.5		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.14		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.3		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.18		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	915-J-WPO-0.25-081424			SDG No.:	BN081724
Lab Sample ID:	P3620-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN033443.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.274		20-139		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.317		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.15		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.088		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.316		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.315		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.35		10-131		88	SPK: -0.4
1718-51-0	Terphenyl-d14	0.445		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8002	7.567				
1146-65-2	Naphthalene-d8	21841	10.325				
15067-26-2	Acenaphthene-d10	11024	14.199				
1517-22-2	Phenanthrene-d10	22708	16.942				
1719-03-5	Chrysene-d12	19395	21.148				
1520-96-3	Perylene-d12	19845	23.323				

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WPO-0.25-081424			SDG No.:	BN081724
Lab Sample ID:	P3620-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	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
BN033444.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.14		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	1.37	J	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.21		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.57		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.09	J	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.19		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.14		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	U	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	3		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WPO-0.25-081424			SDG No.:	BN081724
Lab Sample ID:	P3620-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	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
BN033444.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.327		20-139		82	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.364		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.179		10-100		45	SPK: -0.4
13127-88-3	Phenol-d6	0.106		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.374		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.36		34-132		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.483		10-131		121	SPK: -0.4
1718-51-0	Terphenyl-d14	0.581		35-157		145	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7791	7.567				
1146-65-2	Naphthalene-d8	21803	10.325				
15067-26-2	Acenaphthene-d10	11048	14.199				
1517-22-2	Phenanthrene-d10	21542	16.942				
1719-03-5	Chrysene-d12	16436	21.148				
1520-96-3	Perylene-d12	16824	23.32				

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162758BL			SDG No.:	BN081724
Lab Sample ID:	PB162758BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033448.D	1	8/15/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162758BL			SDG No.:	BN081724
Lab Sample ID:	PB162758BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033448.D	1	8/15/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.303		20-139		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.31		30-150		77	SPK: -0.4
367-12-4	2-Fluorophenol	0.336		10-100		84	SPK: -0.4
13127-88-3	Phenol-d6	0.274		10-100		68	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.385		27-123		96	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.156		10-131		39	SPK: -0.4
1718-51-0	Terphenyl-d14	0.436		35-157		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7577	7.567				
1146-65-2	Naphthalene-d8	19459	10.325				
15067-26-2	Acenaphthene-d10	7966	14.199				
1517-22-2	Phenanthrene-d10	15538	16.942				
1719-03-5	Chrysene-d12	12119	21.148				
1520-96-3	Perylene-d12	13565	23.32				

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Report of Analysis

Client:				Date Collected:	8/13/2024 12:00:00 AM
Project:				Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WPO-0.25-081324-FD			SDG No.:	BN081724
Lab Sample ID:	P3601-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033449.D	1	8/14/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.95		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	2.01		0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.53		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.26		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.14		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.05	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.09	J	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/13/2024 12:00:00 AM
Project:				Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WPO-0.25-081324-FD			SDG No.:	BN081724
Lab Sample ID:	P3601-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033449.D	1	8/14/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.278		20-139		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.32		30-150		80	SPK: -0.4
367-12-4	2-Fluorophenol	0.208		10-100		52	SPK: -0.4
13127-88-3	Phenol-d6	0.131		10-100		33	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.316		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.331		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.309		10-131		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.44		35-157		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7145	7.559				
1146-65-2	Naphthalene-d8	19484	10.325				
15067-26-2	Acenaphthene-d10	10100	14.199				
1517-22-2	Phenanthrene-d10	20509	16.942				
1719-03-5	Chrysene-d12	18311	21.148				
1520-96-3	Perylene-d12	18743	23.32				

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	25
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
BN033450.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.7	U	1.7	8.8	8.8	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.1	U	1.1	4.4	4.4	ug/Kg
91-20-3	Naphthalene	0.92	U	0.92	4.4	4.4	ug/Kg
87-68-3	Hexachlorobutadiene	0.92	U	0.92	4.4	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.4	4.4	ug/Kg
208-96-8	Acenaphthylene	0.84	U	0.84	4.4	4.4	ug/Kg
83-32-9	Acenaphthene	0.73	U	0.73	4.4	4.4	ug/Kg
Total PAH	Total PAH	39.5	U	19.42	4.4	70.4	ug/Kg
86-73-7	Fluorene	0.8	U	0.8	4.4	4.4	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.7	U	5.7	8.8	8.8	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.4	4.4	ug/Kg
118-74-1	Hexachlorobenzene	1.1	U	1.1	4.4	4.4	ug/Kg
1912-24-9	Atrazine	1	U	1	4.4	4.4	ug/Kg
87-86-5	Pentachlorophenol	3.8	U	3.8	8.8	8.8	ug/Kg
85-01-8	Phenanthrene	1.9	J	0.84	4.4	4.4	ug/Kg
120-12-7	Anthracene	1.1	U	1.1	4.4	4.4	ug/Kg
206-44-0	Fluoranthene	5.2		0.89	4.4	4.4	ug/Kg
129-00-0	Pyrene	5.5		1.3	4.4	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	3.3	J	1	4.4	4.4	ug/Kg
218-01-9	Chrysene	3.9	J	1.1	4.4	4.4	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3.8	J	2	8.8	8.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.3		1.6	4.4	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.2	J	1.3	4.4	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	4.6		2.2	4.4	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3	J	1.7	4.4	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	U	1.6	4.4	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.6	J	1.5	4.4	4.4	ug/Kg
123-91-1	1,4-Dioxane	3	U	3	8.8	8.8	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	25
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
BN033450.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.133		17-161		33	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.119		23-138		30	SPK: -0.4
367-12-4	2-Fluorophenol	0.158		28-122		40	SPK: -0.4
13127-88-3	Phenol-d6	0.141		25-125		35	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.167		33-121		42	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.143		32-121		36	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.112		19-110		28	SPK: -0.4
1718-51-0	Terphenyl-d14	0.174		21-130		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7476	7.56				
1146-65-2	Naphthalene-d8	20630	10.325				
15067-26-2	Acenaphthene-d10	10166	14.199				
1517-22-2	Phenanthrene-d10	19833	16.942				
1719-03-5	Chrysene-d12	14551	21.148				
1520-96-3	Perylene-d12	15421	23.32				

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-04	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	24.2
Sample Wt/Vol:	30.1 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
BN033451.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.7	U	1.7	8.7	8.7	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.1	U	1.1	4.3	4.3	ug/Kg
91-20-3	Naphthalene	0.91	U	0.91	4.3	4.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.91	U	0.91	4.3	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.3	4.3	ug/Kg
208-96-8	Acenaphthylene	0.83	U	0.83	4.3	4.3	ug/Kg
83-32-9	Acenaphthene	0.72	U	0.72	4.3	4.3	ug/Kg
Total PAH	Total PAH	19.06	U	19.06	4.3	68.8	ug/Kg
86-73-7	Fluorene	0.79	U	0.79	4.3	4.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.6	U	5.6	8.7	8.7	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1	U	1	4.3	4.3	ug/Kg
118-74-1	Hexachlorobenzene	1.1	U	1.1	4.3	4.3	ug/Kg
1912-24-9	Atrazine	1	U	1	4.3	4.3	ug/Kg
87-86-5	Pentachlorophenol	3.7	U	3.7	8.7	8.7	ug/Kg
85-01-8	Phenanthrene	1.4	J	0.83	4.3	4.3	ug/Kg
120-12-7	Anthracene	1	U	1	4.3	4.3	ug/Kg
206-44-0	Fluoranthene	2.7	J	0.88	4.3	4.3	ug/Kg
129-00-0	Pyrene	2.9	J	1.2	4.3	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	1.4	J	1	4.3	4.3	ug/Kg
218-01-9	Chrysene	1.8	J	1.1	4.3	4.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4.4	J	1.9	8.7	8.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.1	J	1.6	4.3	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.3	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	2.2	U	2.2	4.3	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	4.3	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.5	U	1.5	4.3	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	U	1.5	4.3	4.3	ug/Kg
123-91-1	1,4-Dioxane	2.9	U	2.9	8.7	8.7	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/12/2024 12:00:00 AM
Project:				Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0.5-1-081224			SDG No.:	BN081724
Lab Sample ID:	P3580-04			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	24.2
Sample Wt/Vol:	30.1	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
BN033451.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.083		17-161		21	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.058	*	23-138		14	SPK: -0.4
367-12-4	2-Fluorophenol	0.127		28-122		32	SPK: -0.4
13127-88-3	Phenol-d6	0.113		25-125		28	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.133		33-121		33	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.081	*	32-121		20	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.084		19-110		21	SPK: -0.4
1718-51-0	Terphenyl-d14	0.072	*	21-130		18	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6548	7.559				
1146-65-2	Naphthalene-d8	18082	10.325				
15067-26-2	Acenaphthene-d10	9079	14.199				
1517-22-2	Phenanthrene-d10	20468	16.942				
1719-03-5	Chrysene-d12	17633	21.148				
1520-96-3	Perylene-d12	18961	23.323				

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-08	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	15
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033452.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.5	U	1.5	7.8	7.8	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1	U	1	3.9	3.9	ug/Kg
91-20-3	Naphthalene	0.81	U	0.81	3.9	3.9	ug/Kg
87-68-3	Hexachlorobutadiene	0.81	U	0.81	3.9	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.94	U	0.94	3.9	3.9	ug/Kg
208-96-8	Acenaphthylene	0.74	U	0.74	3.9	3.9	ug/Kg
83-32-9	Acenaphthene	0.65	U	0.65	3.9	3.9	ug/Kg
Total PAH	Total PAH	17.05	U	17.05	3.9	62.4	ug/Kg
86-73-7	Fluorene	0.7	U	0.7	3.9	3.9	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5	U	5	7.8	7.8	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.93	U	0.93	3.9	3.9	ug/Kg
118-74-1	Hexachlorobenzene	1	U	1	3.9	3.9	ug/Kg
1912-24-9	Atrazine	0.89	U	0.89	3.9	3.9	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	7.8	7.8	ug/Kg
85-01-8	Phenanthrene	0.74	U	0.74	3.9	3.9	ug/Kg
120-12-7	Anthracene	0.93	U	0.93	3.9	3.9	ug/Kg
206-44-0	Fluoranthene	0.94	J	0.79	3.9	3.9	ug/Kg
129-00-0	Pyrene	1.1	U	1.1	3.9	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.89	U	0.89	3.9	3.9	ug/Kg
218-01-9	Chrysene	1	U	1	3.9	3.9	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5.4	J	1.7	7.8	7.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	3.9	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	3.9	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	1.9	U	1.9	3.9	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	3.9	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	3.9	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	3.9	3.9	ug/Kg
123-91-1	1,4-Dioxane	2.6	U	2.6	7.8	7.8	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	922-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-08	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	15
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033452.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.21		17-161		52	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.223		23-138		56	SPK: -0.4
367-12-4	2-Fluorophenol	0.238		28-122		60	SPK: -0.4
13127-88-3	Phenol-d6	0.223		25-125		56	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.258		33-121		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.229		32-121		57	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.168		19-110		42	SPK: -0.4
1718-51-0	Terphenyl-d14	0.266		21-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6807	7.559				
1146-65-2	Naphthalene-d8	18545	10.325				
15067-26-2	Acenaphthene-d10	9241	14.199				
1517-22-2	Phenanthrene-d10	19828	16.942				
1719-03-5	Chrysene-d12	17229	21.148				
1520-96-3	Perylene-d12	18291	23.317				

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0-0.5-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	25.4
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
BN033453.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.8	U	1.8	8.8	8.8	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.1	U	1.1	4.4	4.4	ug/Kg
91-20-3	Naphthalene	1.3	J	0.92	4.4	4.4	ug/Kg
87-68-3	Hexachlorobutadiene	0.92	U	0.92	4.4	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.4	4.4	ug/Kg
208-96-8	Acenaphthylene	0.84	U	0.84	4.4	4.4	ug/Kg
83-32-9	Acenaphthene	5.4		0.74	4.4	4.4	ug/Kg
Total PAH	Total PAH	362		19.54	4.4	70.4	ug/Kg
86-73-7	Fluorene	5.7		0.8	4.4	4.4	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.7	U	5.7	8.8	8.8	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.4	4.4	ug/Kg
118-74-1	Hexachlorobenzene	1.1	U	1.1	4.4	4.4	ug/Kg
1912-24-9	Atrazine	1	U	1	4.4	4.4	ug/Kg
87-86-5	Pentachlorophenol	3.8	U	3.8	8.8	8.8	ug/Kg
85-01-8	Phenanthrene	60.8		0.84	4.4	4.4	ug/Kg
120-12-7	Anthracene	7.6		1.1	4.4	4.4	ug/Kg
206-44-0	Fluoranthene	66		0.9	4.4	4.4	ug/Kg
129-00-0	Pyrene	60		1.3	4.4	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	24.9		1	4.4	4.4	ug/Kg
218-01-9	Chrysene	27.4		1.2	4.4	4.4	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6.6	J	2	8.8	8.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	34.1		1.6	4.4	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	10.7		1.3	4.4	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	25.2		2.2	4.4	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13.4		1.7	4.4	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.9	J	1.6	4.4	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15.6		1.5	4.4	4.4	ug/Kg
123-91-1	1,4-Dioxane	3	U	3	8.8	8.8	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/12/2024 12:00:00 AM
Project:				Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	925-KI-SD-0-0.5-081224			SDG No.:	BN081724
Lab Sample ID:	P3580-03			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	25.4
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
BN033453.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.156		17-161		39	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.129		23-138		32	SPK: -0.4
367-12-4	2-Fluorophenol	0.187		28-122		47	SPK: -0.4
13127-88-3	Phenol-d6	0.164		25-125		41	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.201		33-121		50	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.161		32-121		40	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.147		19-110		37	SPK: -0.4
1718-51-0	Terphenyl-d14	0.164		21-130		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7438	7.559				
1146-65-2	Naphthalene-d8	20443	10.325				
15067-26-2	Acenaphthene-d10	10135	14.199				
1517-22-2	Phenanthrene-d10	21620	16.942				
1719-03-5	Chrysene-d12	17248	21.148				
1520-96-3	Perylene-d12	18599	23.32				

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WS-081424			SDG No.:	BN081724
Lab Sample ID:	P3609-02			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033454.D	1	8/15/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.04	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.04	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.06	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.04	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WS-081424			SDG No.:	BN081724
Lab Sample ID:	P3609-02			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033454.D	1	8/15/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.269		20-139		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.354		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.128		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.072		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.33		27-123		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.292		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.306		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.489		35-157		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7674	7.559				
1146-65-2	Naphthalene-d8	20880	10.325				
15067-26-2	Acenaphthene-d10	10506	14.199				
1517-22-2	Phenanthrene-d10	19650	16.942				
1719-03-5	Chrysene-d12	15396	21.148				
1520-96-3	Perylene-d12	16092	23.32				

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-06	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	17.6
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
BN033455.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.6	U	1.6	8	8	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1	U	1	4	4	ug/Kg
91-20-3	Naphthalene	0.84	U	0.84	4	4	ug/Kg
87-68-3	Hexachlorobutadiene	0.84	U	0.84	4	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.97	U	0.97	4	4	ug/Kg
208-96-8	Acenaphthylene	0.76	U	0.76	4	4	ug/Kg
83-32-9	Acenaphthene	0.67	U	0.67	4	4	ug/Kg
Total PAH	Total PAH	17.55	U	17.55	4	64	ug/Kg
86-73-7	Fluorene	0.73	U	0.73	4	4	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.2	U	5.2	8	8	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	4	ug/Kg
118-74-1	Hexachlorobenzene	1	U	1	4	4	ug/Kg
1912-24-9	Atrazine	0.92	U	0.92	4	4	ug/Kg
87-86-5	Pentachlorophenol	3.4	U	3.4	8	8	ug/Kg
85-01-8	Phenanthrene	2	J	0.76	4	4	ug/Kg
120-12-7	Anthracene	0.96	U	0.96	4	4	ug/Kg
206-44-0	Fluoranthene	2.8	J	0.81	4	4	ug/Kg
129-00-0	Pyrene	4.2		1.2	4	4	ug/Kg
56-55-3	Benzo(a)anthracene	1.3	J	0.92	4	4	ug/Kg
218-01-9	Chrysene	2.1	J	1	4	4	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4.3	J	1.8	8	8	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.3	J	1.4	4	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	4	ug/Kg
50-32-8	Benzo(a)pyrene	2	U	2	4	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	4	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	4	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	4	4	ug/Kg
123-91-1	1,4-Dioxane	2.7	U	2.7	8	8	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	923-KI-SD-0.5-1-081224	SDG No.:	BN081724
Lab Sample ID:	P3580-06	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	17.6
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
BN033455.D	1	8/13/2024 12:00:00 AM	8/17/2024 12:00:00 AM	PB162692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.207		17-161		52	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.185		23-138		46	SPK: -0.4
367-12-4	2-Fluorophenol	0.249		28-122		62	SPK: -0.4
13127-88-3	Phenol-d6	0.229		25-125		57	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.261		33-121		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.216		32-121		54	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.188		19-110		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.219		21-130		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7317	7.559				
1146-65-2	Naphthalene-d8	20406	10.325				
15067-26-2	Acenaphthene-d10	10404	14.199				
1517-22-2	Phenanthrene-d10	21633	16.942				
1719-03-5	Chrysene-d12	16949	21.148				
1520-96-3	Perylene-d12	18049	23.32				

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Hit Summary Sheet
SW-846

SDG No.: BN081724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 927-K1-WPO-0-0.25-073124							
P3430-01	927-K1-WPO-0-0.25-073 Water	1,4-Dioxane	0.190	J	0.07	0.2	ug/L
P3430-01	927-K1-WPO-0-0.25-073 Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P3430-01	927-K1-WPO-0-0.25-073 Water	Fluorene	0.060	J	0.02	0.1	ug/L
P3430-01	927-K1-WPO-0-0.25-073 Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
		Total Svoc :	**0.29**				
		Total Concentration:	**0.29**				
Client ID : 927-K1-WPO-0-0.25-073124-FD							
P3430-02	927-K1-WPO-0-0.25-073 Water	1,4-Dioxane	0.170	J	0.07	0.2	ug/L
P3430-02	927-K1-WPO-0-0.25-073 Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P3430-02	927-K1-WPO-0-0.25-073 Water	Bis(2-ethylhexyl)phthalate	0.140	J	0.14	0.2	ug/L
P3430-02	927-K1-WPO-0-0.25-073 Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P3430-02	927-K1-WPO-0-0.25-073 Water	Fluorene	0.060	J	0.02	0.1	ug/L
P3430-02	927-K1-WPO-0-0.25-073 Water	Pyrene	0.020	J	0.02	0.1	ug/L
		Total Svoc :	**0.45**				
		Total Concentration:	**0.45**				
Client ID : 926-K1-WPO-0-0.25-073124							
P3430-03	926-K1-WPO-0-0.25-073 Water	1,4-Dioxane	0.160	J	0.07	0.2	ug/L
P3430-03	926-K1-WPO-0-0.25-073 Water	Acenaphthene	0.030	J	0.02	0.1	ug/L
P3430-03	926-K1-WPO-0-0.25-073 Water	Bis(2-ethylhexyl)phthalate	0.140	J	0.14	0.2	ug/L
P3430-03	926-K1-WPO-0-0.25-073 Water	Fluoranthene	0.040	J	0.02	0.1	ug/L
P3430-03	926-K1-WPO-0-0.25-073 Water	Fluorene	0.050	J	0.02	0.1	ug/L
P3430-03	926-K1-WPO-0-0.25-073 Water	Pyrene	0.030	J	0.02	0.1	ug/L
		Total Svoc :	**0.45**				
		Total Concentration:	**0.45**				
Client ID : 931-K1-WPO-0-0.25-073124							
P3430-04	931-K1-WPO-0-0.25-073 Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.14	0.21	ug/L
P3430-04	931-K1-WPO-0-0.25-073 Water	Fluorene	0.030	J	0.02	0.1	ug/L
		Total Svoc :	**0.20**				
		Total Concentration:	**0.20**				
Client ID : 925-K1-WPO-0-0.25-073124							
P3430-05	925-K1-WPO-0-0.25-073 Water	1,4-Dioxane	1.100		0.07	0.2	ug/L
P3430-05	925-K1-WPO-0-0.25-073 Water	Bis(2-ethylhexyl)phthalate	0.140	J	0.14	0.2	ug/L
P3430-05	925-K1-WPO-0-0.25-073 Water	Fluorene	0.040	J	0.02	0.1	ug/L
		Total Svoc :	**1.28**				
		Total Concentration:	**1.28**				

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Hit Summary Sheet
SW-846

SDG No.: BN081724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 921-J-WP0-0.25-080124							
P3450-01	921-J-WP0-0.25-080124 Water	Acenaphthene	0.040	J	0.02	0.1	ug/L
P3450-01	921-J-WP0-0.25-080124 Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.15	0.21	ug/L
P3450-01	921-J-WP0-0.25-080124 Water	Fluoranthene	0.040	J	0.02	0.1	ug/L
P3450-01	921-J-WP0-0.25-080124 Water	Fluorene	0.080	J	0.02	0.1	ug/L
P3450-01	921-J-WP0-0.25-080124 Water	Phenanthrene	0.080	J	0.02	0.1	ug/L
P3450-01	921-J-WP0-0.25-080124 Water	Pyrene	0.030	J	0.02	0.1	ug/L
		Total Svoc :	**0.42**				
		Total Concentration:	**0.42**				
Client ID : 923-K1-WP0-0.25-080124							
P3450-02	923-K1-WP0-0.25-08012 Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P3450-02	923-K1-WP0-0.25-08012 Water	Fluorene	0.060	J	0.02	0.1	ug/L
P3450-02	923-K1-WP0-0.25-08012 Water	Pyrene	0.020	J	0.02	0.1	ug/L
		Total Svoc :	**0.11**				
		Total Concentration:	**0.11**				
Client ID : 922-K1-WP0-0.25-080124							
P3450-03	922-K1-WP0-0.25-08012 Water	Anthracene	0.020	J	0.02	0.1	ug/L
P3450-03	922-K1-WP0-0.25-08012 Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P3450-03	922-K1-WP0-0.25-08012 Water	Bis(2-ethylhexyl)phthalate	0.200	J	0.14	0.21	ug/L
P3450-03	922-K1-WP0-0.25-08012 Water	Fluoranthene	0.050	J	0.02	0.1	ug/L
P3450-03	922-K1-WP0-0.25-08012 Water	Fluorene	0.040	J	0.02	0.1	ug/L
P3450-03	922-K1-WP0-0.25-08012 Water	Phenanthrene	0.040	J	0.02	0.1	ug/L
P3450-03	922-K1-WP0-0.25-08012 Water	Pyrene	0.040	J	0.02	0.1	ug/L
		Total Svoc :	**0.42**				
		Total Concentration:	**0.42**				
Client ID : 924-K1-WP0-0.25-080224							
P3466-01	924-K1-WP0-0.25-08022 Water	Bis(2-ethylhexyl)phthalate	0.250		0.15	0.21	ug/L
P3466-01	924-K1-WP0-0.25-08022 Water	Fluorene	0.030	J	0.02	0.11	ug/L
P3466-01	924-K1-WP0-0.25-08022 Water	Pentachlorophenol	0.350		0.1	0.21	ug/L
		Total Svoc :	**0.63**				
		Total Concentration:	**0.63**				
Client ID : 932-K1-WP0-0.25-080224							
P3466-04	932-K1-WP0-0.25-08022 Water	1,4-Dioxane	0.310		0.07	0.22	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	2-Methylnaphthalene	0.040	J	0.03	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Acenaphthene	0.200		0.02	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Anthracene	0.120		0.03	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	bis(2-Chloroethyl)ether	0.030	J	0.03	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Bis(2-ethylhexyl)phthalate	0.300		0.15	0.22	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Fluoranthene	0.120		0.03	0.11	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN081724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3466-04	932-K1-WP0-0.25-08022 Water	Fluorene	0.430		0.02	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Hexachlorobutadiene	0.050	J	0.03	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Naphthalene	0.050	J	0.03	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Pentachlorophenol	4.800		0.1	0.22	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Phenanthrene	0.620		0.02	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Pyrene	0.080	J	0.02	0.11	ug/L
P3466-04	932-K1-WP0-0.25-08022 Water	Total PAH	1.620	J	0.49	1.76	ug/L
		Total Svoc :	**8.77**				
		Total Concentration:	**8.77**				
Client ID :	**919-J-WP0-0.25-080224**						
P3466-05	919-J-WP0-0.25-080224 Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.16	0.22	ug/L
P3466-05	919-J-WP0-0.25-080224 Water	Fluorene	0.050	J	0.02	0.11	ug/L
P3466-05	919-J-WP0-0.25-080224 Water	Pentachlorophenol	2.700		0.1	0.22	ug/L
		Total Svoc :	**2.91**				
		Total Concentration:	**2.91**				
Client ID :	**926-KI-SD-0.5-1-081224**						
P3580-02	926-KI-SD-0.5-1-081224 Solid	Benzo(a)anthracene	3.300	J	1	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Benzo(a)pyrene	4.600		2.2	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Benzo(b)fluoranthene	6.300		1.6	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Benzo(g,h,i)perylene	3.600	J	1.5	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Benzo(k)fluoranthene	2.200	J	1.3	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Bis(2-ethylhexyl)phthalate	3.800	J	2	8.8	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Chrysene	3.900	J	1.1	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Fluoranthene	5.200		0.89	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Indeno(1,2,3-cd)pyrene	3.000	J	1.7	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Phenanthrene	1.900	J	0.84	4.4	ug/Kg
P3580-02	926-KI-SD-0.5-1-081224 Solid	Pyrene	5.500		1.3	4.4	ug/Kg
		Total Svoc :	**43.30**				
		Total Concentration:	**43.30**				
Client ID :	**925-KI-SD-0-0.5-081224**						
P3580-03	925-KI-SD-0-0.5-081224 Solid	Acenaphthene	5.400		0.74	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Anthracene	7.600		1.1	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Benzo(a)anthracene	24.900		1	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Benzo(a)pyrene	25.200		2.2	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Benzo(b)fluoranthene	34.100		1.6	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Benzo(g,h,i)perylene	15.600		1.5	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Benzo(k)fluoranthene	10.700		1.3	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Bis(2-ethylhexyl)phthalate	6.600	J	2	8.8	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224 Solid	Chrysene	27.400		1.2	4.4	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN081724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3580-03	925-KI-SD-0-0.5-081224	Solid	Dibenzo(a,h)anthracene	3.900	J	1.6	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Fluoranthene	66.000		0.9	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Fluorene	5.700		0.8	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Indeno(1,2,3-cd)pyrene	13.400		1.7	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Naphthalene	1.300	J	0.92	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Phenanthrene	60.800		0.84	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Pyrene	60.000		1.3	4.4	ug/Kg
P3580-03	925-KI-SD-0-0.5-081224	Solid	Total PAH	362.000		19.54	70.4	ug/Kg
			Total Svoc :	**730.60**				
			Total Concentration:	**730.60**				
Client ID :	**925-KI-SD-0.5-1-081224**							
P3580-04	925-KI-SD-0.5-1-081224	Solid	Benzo(a)anthracene	1.400	J	1	4.3	ug/Kg
P3580-04	925-KI-SD-0.5-1-081224	Solid	Benzo(b)fluoranthene	2.100	J	1.6	4.3	ug/Kg
P3580-04	925-KI-SD-0.5-1-081224	Solid	Bis(2-ethylhexyl)phthalate	4.400	J	1.9	8.7	ug/Kg
P3580-04	925-KI-SD-0.5-1-081224	Solid	Chrysene	1.800	J	1.1	4.3	ug/Kg
P3580-04	925-KI-SD-0.5-1-081224	Solid	Fluoranthene	2.700	J	0.88	4.3	ug/Kg
P3580-04	925-KI-SD-0.5-1-081224	Solid	Phenanthrene	1.400	J	0.83	4.3	ug/Kg
P3580-04	925-KI-SD-0.5-1-081224	Solid	Pyrene	2.900	J	1.2	4.3	ug/Kg
			Total Svoc :	**16.70**				
			Total Concentration:	**16.70**				
Client ID :	**923-KI-SD-0.5-1-081224**							
P3580-06	923-KI-SD-0.5-1-081224	Solid	Benzo(a)anthracene	1.300	J	0.92	4	ug/Kg
P3580-06	923-KI-SD-0.5-1-081224	Solid	Benzo(b)fluoranthene	2.300	J	1.4	4	ug/Kg
P3580-06	923-KI-SD-0.5-1-081224	Solid	Bis(2-ethylhexyl)phthalate	4.300	J	1.8	8	ug/Kg
P3580-06	923-KI-SD-0.5-1-081224	Solid	Chrysene	2.100	J	1	4	ug/Kg
P3580-06	923-KI-SD-0.5-1-081224	Solid	Fluoranthene	2.800	J	0.81	4	ug/Kg
P3580-06	923-KI-SD-0.5-1-081224	Solid	Phenanthrene	2.000	J	0.76	4	ug/Kg
P3580-06	923-KI-SD-0.5-1-081224	Solid	Pyrene	4.200		1.2	4	ug/Kg
			Total Svoc :	**19.00**				
			Total Concentration:	**19.00**				
Client ID :	**922-KI-SD-0.5-1-081224**							
P3580-08	922-KI-SD-0.5-1-081224	Solid	Bis(2-ethylhexyl)phthalate	5.400	J	1.7	7.8	ug/Kg
P3580-08	922-KI-SD-0.5-1-081224	Solid	Fluoranthene	0.940	J	0.79	3.9	ug/Kg
			Total Svoc :	**6.34**				
			Total Concentration:	**6.34**				
Client ID :	**918-J-WPO-0.25-081324-FD**							
P3601-02	918-J-WPO-0.25-081324	Water	1,4-Dioxane	0.090	J	0.07	0.21	ug/L
P3601-02	918-J-WPO-0.25-081324	Water	Acenaphthene	0.950		0.02	0.1	ug/L
P3601-02	918-J-WPO-0.25-081324	Water	Anthracene	0.140		0.02	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN081724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3601-02	918-J-WPO-0.25-081324	Water	Fluoranthene	0.080	J	0.02	0.1	ug/L
P3601-02	918-J-WPO-0.25-081324	Water	Fluorene	0.530		0.02	0.1	ug/L
P3601-02	918-J-WPO-0.25-081324	Water	Phenanthrene	0.260		0.02	0.1	ug/L
P3601-02	918-J-WPO-0.25-081324	Water	Pyrene	0.050	J	0.02	0.1	ug/L
P3601-02	918-J-WPO-0.25-081324	Water	Total PAH	2.010		0.46	1.6	ug/L
			Total Svoc :			**4.11**		
			Total Concentration:			**4.11**		
Client ID :	**920-J-WS-081424**							
P3609-02	920-J-WS-081424	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P3609-02	920-J-WS-081424	Water	Chrysene	0.040	J	0.03	0.1	ug/L
P3609-02	920-J-WS-081424	Water	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	Water	Fluorene	0.040	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	Water	Phenanthrene	0.040	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	Water	Pyrene	0.040	J	0.02	0.1	ug/L
			Total Svoc :			**0.25**		
			Total Concentration:			**0.25**		
Client ID :	**915-J-WPO-0.25-081424**							
P3620-01	915-J-WPO-0.25-081424	Water	Acenaphthene	0.560		0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Anthracene	0.140		0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Fluoranthene	0.300		0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Fluorene	0.620		0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Naphthalene	0.020	J	0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Phenanthrene	1.500		0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Pyrene	0.180		0.02	0.1	ug/L
P3620-01	915-J-WPO-0.25-081424	Water	Total PAH	3.320		0.45	1.6	ug/L
			Total Svoc :			**6.64**		
			Total Concentration:			**6.64**		
Client ID :	**920-J-WPO-0.25-081424**							
P3620-02	920-J-WPO-0.25-081424	Water	1,4-Dioxane	3.000		0.07	0.21	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Acenaphthene	0.140		0.02	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Anthracene	0.090	J	0.03	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Fluoranthene	0.190		0.02	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Fluorene	0.210		0.02	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Phenanthrene	0.570		0.02	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Pyrene	0.140		0.02	0.1	ug/L
P3620-02	920-J-WPO-0.25-081424	Water	Total PAH	1.370	J	0.48	1.6	ug/L
			Total Svoc :			**5.74**		
			Total Concentration:			**5.74**		

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Hit Summary Sheet
SW-846

SDG No.: BN081724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081024 SAS No.: BN081024 SDG No.: BN081024

Instrument ID: Calibration Date(s): 8/10/2024

Calibration Time(s): 13:40

LAB FILE ID: RRF0.1 = BN033334.D RRF0.2 = BN033335.D RRF0.4 = BN033336.D
RRF0.8 = BN033337.D RRF1.6 = BN033338.D RRF3.2 = BN033339.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.614	0.587	0.592	0.649	0.641	0.603	0.616	3.8
Fluoranthene-d10	1.035	1.021	1.015	1.097	1.118	1.079	1.069	4.2
n-Nitrosodimethylamine	0.591	0.536	0.559	0.617	0.592	0.559	0.572	4.9
2-Fluorophenol	1.200	1.136	1.125	1.133	1.102	1.016	1.105	6.0
Phenol-d6	1.592	1.460	1.513	1.524	1.510	1.403	1.492	4.1
bis(2-Chloroethyl)ether	1.244	1.185	1.187	1.281	1.252	1.150	1.209	4.1
Nitrobenzene-d5	0.309	0.297	0.294	0.310	0.310	0.290	0.302	2.7
Naphthalene	1.102	1.082	1.072	1.166	1.144	1.072	1.103	3.4
Hexachlorobutadiene	0.215	0.206	0.208	0.224	0.217	0.202	0.210	4.0
2-Methylnaphthalene	0.736	0.706	0.715	0.784	0.783	0.735	0.745	4.1
2-Fluorobiphenyl	1.637	1.596	1.632	1.729	1.700	1.583	1.640	3.4
Acenaphthylene	1.797	1.711	1.739	1.961	1.982	1.919	1.867	6.2
Acenaphthene	1.250	1.224	1.218	1.345	1.347	1.283	1.281	4.2
Fluorene	1.648	1.559	1.615	1.779	1.807	1.689	1.689	5.3
4,6-Dinitro-2-methylphenol	0.042	0.042	0.042	0.048	0.052	0.055	0.049	14.3
2,4,6-Tribromophenol	0.214	0.197	0.191	0.207	0.208	0.203	0.205	4.3
4-Bromophenyl-phenylether	0.237	0.226	0.228	0.249	0.249	0.244	0.239	4.0
Hexachlorobenzene	0.264	0.263	0.262	0.282	0.280	0.263	0.268	3.2
Atrazine	0.186	0.171	0.173	0.190	0.200	0.199	0.190	7.6
Pentachlorophenol	0.119	0.103	0.092	0.104	0.110	0.110	0.108	8.8
Phenanthrene	1.132	1.095	1.110	1.195	1.221	1.154	1.155	4.0
Anthracene	0.952	0.938	0.958	1.055	1.092	1.064	1.023	6.9
Fluoranthene	1.329	1.330	1.341	1.487	1.510	1.466	1.422	5.9
Pyrene	1.607	1.534	1.572	1.663	1.680	1.544	1.592	3.7
Terphenyl-d14	0.774	0.729	0.756	0.785	0.784	0.727	0.756	3.4
Benzo(a)anthracene	1.513	1.417	1.387	1.549	1.568	1.499	1.494	4.5
Chrysene	1.504	1.475	1.497	1.573	1.556	1.462	1.504	3.0
Bis(2-ethylhexyl)phthalate	0.774	0.587	0.588	0.634	0.686	0.710	0.679	11.7
Benzo(b)fluoranthene	1.395	1.396	1.420	1.591	1.609	1.533	1.505	6.5
Benzo(k)fluoranthene	1.404	1.380	1.487	1.637	1.668	1.577	1.537	7.4
Benzo(a)pyrene	1.198	1.156	1.155	1.318	1.363	1.316	1.268	7.5
Indeno(1,2,3-cd)pyrene	1.470	1.620	1.499	1.709	1.777	1.707	1.653	7.7
Dibenzo(a,h)anthracene	1.127	1.265	1.179	1.366	1.413	1.363	1.305	8.9
Benzo(g,h,i)perylene	1.303	1.486	1.329	1.500	1.533	1.459	1.448	6.4
1,4-Dioxane	0.514	0.479	0.426	0.451	0.425	0.416	0.444	9.0

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 14:10

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5313	7.58	15448	10.34	9171	14.21
	UPPER LIMIT	10626	8.08	30896	10.838	18342	14.712
	LOWER LIMIT	2656.5	7.08	7724	9.838	4585.5	13.712
	EPA SAMPLE NO.						
01	PB162692BL	7905	7.57	21401	10.33	10134	14.20
02	923-K1-WS-080124MS	8556	7.57	23496	10.33	12255	14.20
03	923-K1-WS-080124MSD	7664	7.57	21239	10.33	11079	14.20
04	927-K1-WPO-0-0.25-073124	375314 *	7.57	1.03615e *	10.33	565612 *	14.20
05	927-K1-WPO-0-0.25-073124-FD	419520 *	7.57	1.16345e *	10.33	646644 *	14.20
06	926-K1-WPO-0-0.25-073124	341133 *	7.57	952177 *	10.33	540304 *	14.20
07	931-K1-WPO-0-0.25-073124	359556 *	7.57	1.03197e *	10.33	603742 *	14.20
08	925-K1-WPO-0-0.25-073124	373348 *	7.57	1.0276e+ *	10.33	563129 *	14.20
09	921-J-WP0-0.25-080124	375592 *	7.57	1.04272e *	10.33	557748 *	14.20
10	923-K1-WP0-0.25-080124	407861 *	7.57	1.14531e *	10.33	640281 *	14.20
11	922-K1-WP0-0.25-080124	377201 *	7.57	1.05357e *	10.33	591252 *	14.20
12	924-K1-WP0-0.25-080224	399153 *	7.57	1.15951e *	10.33	668093 *	14.20
13	932-K1-WP0-0.25-080224	367311 *	7.57	1.00815e *	10.33	544769 *	14.20
14	919-J-WP0-0.25-080224	376394 *	7.57	1.03983e *	10.33	578544 *	14.20
15	915-J-WPO-0.25-081424	8002	7.57	21841	10.33	11024	14.20
16	920-J-WPO-0.25-081424	7791	7.57	21803	10.33	11048	14.20
17	PB162758BL	7577	7.57	19459	10.33	7966	14.20
18	918-J-WPO-0.25-081324-FD	7145	7.56	19484	10.33	10100	14.20
19	926-KI-SD-0.5-1-081224	7476	7.56	20630	10.33	10166	14.20
20	925-KI-SD-0.5-1-081224	6548	7.56	18082	10.33	9079	14.20
21	922-KI-SD-0.5-1-081224	6807	7.56	18545	10.33	9241	14.20
22	925-KI-SD-0-0.5-081224	7438	7.56	20443	10.33	10135	14.20
23	920-J-WS-081424	7674	7.56	20880	10.33	10506	14.20

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 17 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 06:38

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5313	7.58	15448	10.34	9171	14.21
	UPPER LIMIT	10626	8.08	30896	10.838	18342	14.712
	LOWER LIMIT	2656.5	7.08	7724	9.838	4585.5	13.712
	EPA SAMPLE NO.						
24	923-KI-SD-0.5-1-081224	7317	7.56	20406	10.33	10404	14.20

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BN033428.D Time Analyzed: 14:10

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7873	7.566	21365	10.33	11264	14.20
	UPPER LIMIT	15746	8.066	42730	10.825	22528	14.699
	LOWER LIMIT	3936.5	7.066	10682.5	9.825	5632	13.699
	EPA SAMPLE NO.						
01	PB162692BL	7905	7.57	21401	10.33	10134	14.20
02	923-K1-WS-080124MS	8556	7.57	23496	10.33	12255	14.20
03	923-K1-WS-080124MSD	7664	7.57	21239	10.33	11079	14.20
04	927-K1-WPO-0-0.25-073124	375314 *	7.57	1.03615e *	10.33	565612 *	14.20
05	927-K1-WPO-0-0.25-073124-FD	419520 *	7.57	1.16345e *	10.33	646644 *	14.20
06	926-K1-WPO-0-0.25-073124	341133 *	7.57	952177 *	10.33	540304 *	14.20
07	931-K1-WPO-0-0.25-073124	359556 *	7.57	1.03197e *	10.33	603742 *	14.20
08	925-K1-WPO-0-0.25-073124	373348 *	7.57	1.0276e+ *	10.33	563129 *	14.20
09	921-J-WP0-0.25-080124	375592 *	7.57	1.04272e *	10.33	557748 *	14.20
10	923-K1-WP0-0.25-080124	407861 *	7.57	1.14531e *	10.33	640281 *	14.20
11	922-K1-WP0-0.25-080124	377201 *	7.57	1.05357e *	10.33	591252 *	14.20
12	924-K1-WP0-0.25-080224	399153 *	7.57	1.15951e *	10.33	668093 *	14.20
13	932-K1-WP0-0.25-080224	367311 *	7.57	1.00815e *	10.33	544769 *	14.20
14	919-J-WP0-0.25-080224	376394 *	7.57	1.03983e *	10.33	578544 *	14.20
15	915-J-WPO-0.25-081424	8002	7.57	21841	10.33	11024	14.20
16	920-J-WPO-0.25-081424	7791	7.57	21803	10.33	11048	14.20

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BN033428.D Time Analyzed: 23:16

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	7873	7.566	21365	10.33	11264	14.20
UPPER LIMIT	15746	8.066	42730	10.825	22528	14.699
LOWER LIMIT	3936.5	7.066	10682.5	9.825	5632	13.699
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 17 2024 12:00AM

Lab File ID: BN033447.D Time Analyzed: 02:24

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	8031	7.566	21798	10.33	11010	14.20
	UPPER LIMIT	16062	8.066	43596	10.825	22020	14.699
	LOWER LIMIT	4015.5	7.066	10899	9.825	5505	13.699
	EPA SAMPLE NO.						
01	PB162758BL	7577	7.57	19459	10.33	7966	14.20
02	918-J-WPO-0.25-081324-FD	7145	7.56	19484	10.33	10100	14.20
03	926-KI-SD-0.5-1-081224	7476	7.56	20630	10.33	10166	14.20
04	925-KI-SD-0.5-1-081224	6548	7.56	18082	10.33	9079	14.20
05	922-KI-SD-0.5-1-081224	6807	7.56	18545	10.33	9241	14.20
06	925-KI-SD-0-0.5-081224	7438	7.56	20443	10.33	10135	14.20
07	920-J-WS-081424	7674	7.56	20880	10.33	10506	14.20
08	923-KI-SD-0.5-1-081224	7317	7.56	20406	10.33	10404	14.20

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 14:10

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	22066	16.958	19273	21.166	19885	23.349
	UPPER LIMIT	44132	17.458	38546	21.666	39770	23.849
	LOWER LIMIT	11033	16.458	9636.5	20.666	9942.5	22.849
	EPA SAMPLE NO.						
01	PB162692BL	20177	16.94	15595	21.16	17788	23.33
02	923-K1-WS-080124MS	24755	16.94	22760	21.16	23172	23.33
03	923-K1-WS-080124MSD	21857	16.94	19351	21.16	19851	23.33
04	927-K1-WPO-0-0.25-073124	1.10083*	16.95	883764 *	21.16	935153 *	23.34
05	927-K1-WPO-0-0.25-073124-FI	1.28504*	16.95	1.06476e+ *	21.16	1.13022e+ *	23.34
06	926-K1-WPO-0-0.25-073124	1.10147*	16.94	904037 *	21.16	966674 *	23.34
07	931-K1-WPO-0-0.25-073124	1.26469*	16.95	1.06733e+ *	21.16	1.13857e+ *	23.33
08	925-K1-WPO-0-0.25-073124	1.0925e*	16.95	872555 *	21.16	926992 *	23.33
09	921-J-WP0-0.25-080124	1.05907*	16.95	816194 *	21.16	880100 *	23.33
10	923-K1-WP0-0.25-080124	1.28396*	16.94	1.07222e+ *	21.16	1.14135e+ *	23.33
11	922-K1-WP0-0.25-080124	1.17102*	16.94	958120 *	21.16	1.03403e+ *	23.33
12	924-K1-WP0-0.25-080224	1.36101*	16.94	1.12611e+ *	21.16	1.2149e+0 *	23.33
13	932-K1-WP0-0.25-080224	1.08021*	16.94	914366 *	21.16	963475 *	23.33
14	919-J-WP0-0.25-080224	1.16726*	16.94	962255 *	21.16	1.0274e+0 *	23.33
15	915-J-WPO-0.25-081424	22708	16.94	19395	21.15	19845	23.32
16	920-J-WPO-0.25-081424	21542	16.94	16436	21.15	16824	23.32
17	PB162758BL	15538	16.94	12119	21.15	13565	23.32
18	918-J-WPO-0.25-081324-FD	20509	16.94	18311	21.15	18743	23.32
19	926-KI-SD-0.5-1-081224	19833	16.94	14551	21.15	15421	23.32
20	925-KI-SD-0.5-1-081224	20468	16.94	17633	21.15	18961	23.32
21	922-KI-SD-0.5-1-081224	19828	16.94	17229	21.15	18291	23.32

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 17 2024 12:00AM

Lab File ID: BN033336.D Time Analyzed: 05:26

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	22066	16.958	19273	21.166	19885	23.349
	UPPER LIMIT	44132	17.458	38546	21.666	39770	23.849
	LOWER LIMIT	11033	16.458	9636.5	20.666	9942.5	22.849
	EPA SAMPLE NO.						
22	925-KI-SD-0-0.5-081224	21620	16.94	17248	21.15	18599	23.32
23	920-J-WS-081424	19650	16.94	15396	21.15	16092	23.32
24	923-KI-SD-0.5-1-081224	21633	16.94	16949	21.15	18049	23.32

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BN033428.D Time Analyzed: 14:10

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	23685	16.942	21172	21.157	23079	23.329
	UPPER LIMIT	47370	17.442	42344	21.657	46158	23.829
	LOWER LIMIT	11842.5	16.442	10586	20.657	11539.5	22.829
	EPA SAMPLE NO.						
01	PB162692BL	20177	16.94	15595	21.16	17788	23.33
02	923-K1-WS-080124MS	24755	16.94	22760	21.16	23172	23.33
03	923-K1-WS-080124MSD	21857	16.94	19351	21.16	19851	23.33
04	927-K1-WPO-0-0.25-073124	1.10083*	16.95	883764 *	21.16	935153 *	23.34
05	927-K1-WPO-0-0.25-073124-FI	1.28504*	16.95	1.06476e+ *	21.16	1.13022e+ *	23.34
06	926-K1-WPO-0-0.25-073124	1.10147*	16.94	904037 *	21.16	966674 *	23.34
07	931-K1-WPO-0-0.25-073124	1.26469*	16.95	1.06733e+ *	21.16	1.13857e+ *	23.33
08	925-K1-WPO-0-0.25-073124	1.0925e*	16.95	872555 *	21.16	926992 *	23.33
09	921-J-WP0-0.25-080124	1.05907*	16.95	816194 *	21.16	880100 *	23.33
10	923-K1-WP0-0.25-080124	1.28396*	16.94	1.07222e+ *	21.16	1.14135e+ *	23.33
11	922-K1-WP0-0.25-080124	1.17102*	16.94	958120 *	21.16	1.03403e+ *	23.33
12	924-K1-WP0-0.25-080224	1.36101*	16.94	1.12611e+ *	21.16	1.2149e+0 *	23.33
13	932-K1-WP0-0.25-080224	1.08021*	16.94	914366 *	21.16	963475 *	23.33
14	919-J-WP0-0.25-080224	1.16726*	16.94	962255 *	21.16	1.0274e+0 *	23.33
15	915-J-WPO-0.25-081424	22708	16.94	19395	21.15	19845	23.32
16	920-J-WPO-0.25-081424	21542	16.94	16436	21.15	16824	23.32

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BN033428.D Time Analyzed: 23:16

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	23685	16.942	21172	21.157	23079	23.329
UPPER LIMIT	47370	17.442	42344	21.657	46158	23.829
LOWER LIMIT	11842.5	16.442	10586	20.657	11539.5	22.829
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 17 2024 12:00AM

Lab File ID: BN033447.D Time Analyzed: 02:24

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	23709	16.942	20481	21.148	22515	23.32
	UPPER LIMIT	47418	17.442	40962	21.648	45030	23.82
	LOWER LIMIT	11854.5	16.442	10240.5	20.648	11257.5	22.82
	EPA SAMPLE NO.						
01	PB162758BL	15538	16.94	12119	21.15	13565	23.32
02	918-J-WPO-0.25-081324-FD	20509	16.94	18311	21.15	18743	23.32
03	926-KI-SD-0.5-1-081224	19833	16.94	14551	21.15	15421	23.32
04	925-KI-SD-0.5-1-081224	20468	16.94	17633	21.15	18961	23.32
05	922-KI-SD-0.5-1-081224	19828	16.94	17229	21.15	18291	23.32
06	925-KI-SD-0-0.5-081224	21620	16.94	17248	21.15	18599	23.32
07	920-J-WS-081424	19650	16.94	15396	21.15	16092	23.32
08	923-KI-SD-0.5-1-081224	21633	16.94	16949	21.15	18049	23.32

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.

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

927-K1-WPO-0-0.25-0

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033432.D Lab Sample ID: P3430-01

Instrument ID: BNA_N Date Extracted: 08/01/2024

Matrix: (soil/water) Water Date Analyzed: 08/16/2024

Level: (low/med) LOW Time Analyzed: 16:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
927-K1-WPO-0-0.25-073124	P3430-01	BN033432.D	08/16/2024
927-K1-WPO-0-0.25-073124-FD	P3430-02	BN033433.D	08/16/2024
926-K1-WPO-0-0.25-073124	P3430-03	BN033434.D	08/16/2024
931-K1-WPO-0-0.25-073124	P3430-04	BN033435.D	08/16/2024
925-K1-WPO-0-0.25-073124	P3430-05	BN033436.D	08/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

921-J-WP0-0.25-0801

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033437.D Lab Sample ID: P3450-01

Instrument ID: BNA_N Date Extracted: 08/02/2024

Matrix: (soil/water) Water Date Analyzed: 08/16/2024

Level: (low/med) LOW Time Analyzed: 19:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
921-J-WP0-0.25-080124	P3450-01	BN033437.D	08/16/2024
923-K1-WP0-0.25-080124	P3450-02	BN033438.D	08/16/2024
922-K1-WP0-0.25-080124	P3450-03	BN033439.D	08/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

923-K1-WS-080124MS

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033430.D Lab Sample ID: P3440-02MS

Instrument ID: BNA_N Date Extracted: 08/02/2024

Matrix: (soil/water) Water Date Analyzed: 08/16/2024

Level: (low/med) LOW Time Analyzed: 14:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
923-K1-WS-080124MS	P3440-02MS	BN033430.D	08/16/2024
923-K1-WS-080124MSD	P3440-03MSD	BN033431.D	08/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

924-K1-WP0-0.25-080

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033440.D Lab Sample ID: P3466-01

Instrument ID: BNA_N Date Extracted: 08/05/2024

Matrix: (soil/water) Water Date Analyzed: 08/16/2024

Level: (low/med) LOW Time Analyzed: 20:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
924-K1-WP0-0.25-080224	P3466-01	BN033440.D	08/16/2024
932-K1-WP0-0.25-080224	P3466-04	BN033441.D	08/16/2024
919-J-WP0-0.25-080224	P3466-05	BN033442.D	08/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162692BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033429.D Lab Sample ID: PB162692BL

Instrument ID: BNA_N Date Extracted: 08/13/2024

Matrix: (soil/water) Solid Date Analyzed: 08/16/2024

Level: (low/med) LOW Time Analyzed: 14:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
926-KI-SD-0.5-1-081224	P3580-02	BN033450.D	08/17/2024
925-KI-SD-0.5-1-081224	P3580-04	BN033451.D	08/17/2024
922-KI-SD-0.5-1-081224	P3580-08	BN033452.D	08/17/2024
925-KI-SD-0-0.5-081224	P3580-03	BN033453.D	08/17/2024
923-KI-SD-0.5-1-081224	P3580-06	BN033455.D	08/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

918-J-WPO-0.25-0813

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033449.D Lab Sample ID: P3601-02

Instrument ID: BNA_N Date Extracted: 08/14/2024

Matrix: (soil/water) Water Date Analyzed: 08/17/2024

Level: (low/med) LOW Time Analyzed: 03:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
918-J-WPO-0.25-081324-FD	P3601-02	BN033449.D	08/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162758BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081724 SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033448.D Lab Sample ID: PB162758BL

Instrument ID: BNA_N Date Extracted: 08/15/2024

Matrix: (soil/water) Water Date Analyzed: 08/17/2024

Level: (low/med) LOW Time Analyzed: 02:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
920-J-WS-081424	P3609-02	BN033454.D	08/17/2024
915-J-WPO-0.25-081424	P3620-01	BN033443.D	08/16/2024
920-J-WPO-0.25-081424	P3620-02	BN033444.D	08/16/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3440-02MS		**Client Sample ID: 923-K1-WS-080124MS**						**DataFile: BN033430.D**			
n-Nitrosodimethylamine	0.44		0.17	ug/L	39				10	158	
bis(2-Chloroethyl)ether	0.44		0.32	ug/L	73				27	159	
Naphthalene	0.44		0.34	ug/L	77				62	119	
Hexachlorobutadiene	0.44		0.3	ug/L	68				14	140	
2-Methylnaphthalene	0.44		0.33	ug/L	75				70	118	
Acenaphthylene	0.44		0.35	ug/L	80				53	123	
Acenaphthene	0.44		0.38	ug/L	86				57	122	
Total PAH	7.04		6.78	ug/L	96				57	122	
Fluorene	0.44		0.41	ug/L	93				58	123	
4,6-Dinitro-2-methylphenol	0.44		0.48	ug/L	109				20	150	
4-Bromophenyl-phenylether	0.44		0.38	ug/L	86				20	150	
Hexachlorobenzene	0.44		0.36	ug/L	82				31	160	
Atrazine	0.44		0.44	ug/L	100				20	150	
Pentachlorophenol	0.89		1.1	ug/L	124				10	179	
Phenanthrene	0.44		0.64	ug/L	145	*			64	129	
Anthracene	0.44		0.44	ug/L	100				67	127	
Fluoranthene	0.44		0.55	ug/L	125				55	140	
Pyrene	0.44		0.51	ug/L	116				59	137	
Benzo(a)anthracene	0.44		0.43	ug/L	98				51	146	
Chrysene	0.44		0.4	ug/L	91				61	126	
bis(2-Ethylhexyl)phthalate	0.44	0.19	0.6	ug/L	93				35	175	
Benzo(b)fluoranthene	0.44		0.41	ug/L	93				60	123	
Benzo(k)fluoranthene	0.44		0.38	ug/L	86				61	122	
Benzo(a)pyrene	0.44		0.42	ug/L	95				54	129	
Indeno(1,2,3-cd)pyrene	0.44		0.39	ug/L	89				50	134	
Dibenz(a,h)anthracene	0.44		0.38	ug/L	86				53	121	
Benzo(g,h,i)perylene	0.44		0.35	ug/L	80				44	132	
1,4-Dioxane	0.44		0.18	ug/L	41				10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P3440-03MSD		**Client Sample ID: 923-K1-WS-080124MSD**						**DataFile: BN033431.D**			
n-Nitrosodimethylamine	0.44		0.16	ug/L	36		8		10	158	20
bis(2-Chloroethyl)ether	0.44		0.35	ug/L	80		9		27	159	20
Naphthalene	0.44		0.36	ug/L	82		6		62	119	20
Hexachlorobutadiene	0.44		0.33	ug/L	75		10		14	140	20
2-Methylnaphthalene	0.44		0.36	ug/L	82		9		70	118	20
Acenaphthylene	0.44		0.37	ug/L	84		5		53	123	20
Acenaphthene	0.44		0.41	ug/L	93		8		57	122	20
Total PAH	7.04		7.29	ug/L	104		8		57	122	20
Fluorene	0.44		0.44	ug/L	100		7		58	123	20
4,6-Dinitro-2-methylphenol	0.44		0.48	ug/L	109		0		20	150	20
4-Bromophenyl-phenylether	0.44		0.42	ug/L	95		10		20	150	20
Hexachlorobenzene	0.44		0.4	ug/L	91		10		31	160	20
Atrazine	0.44		0.47	ug/L	107		7		20	150	20
Pentachlorophenol	0.88		1.1	ug/L	125		1		10	179	20
Phenanthrene	0.44		0.7	ug/L	159	*	9		64	129	20
Anthracene	0.44		0.48	ug/L	109		9		67	127	20
Fluoranthene	0.44		0.58	ug/L	132		5		55	140	20
Pyrene	0.44		0.56	ug/L	127		9		59	137	20
Benzo(a)anthracene	0.44		0.47	ug/L	107		9		51	146	20
Chrysene	0.44		0.44	ug/L	100		9		61	126	20
bis(2-Ethylhexyl)phthalate	0.44	0.19	0.63	ug/L	100		7		35	175	20
Benzo(b)fluoranthene	0.44		0.43	ug/L	98		5		60	123	20
Benzo(k)fluoranthene	0.44		0.4	ug/L	91		6		61	122	20
Benzo(a)pyrene	0.44		0.45	ug/L	102		7		54	129	20
Indeno(1,2,3-cd)pyrene	0.44		0.42	ug/L	95		7		50	134	20
Dibenz(a,h)anthracene	0.44		0.41	ug/L	93		8		53	121	20
Benzo(g,h,i)perylene	0.44		0.37	ug/L	84		5		44	132	20
1,4-Dioxane	0.44		0.2	ug/L	45		9		10	175	20

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3430-01	927-K1-WPO-0-0.2	BN033432.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	74.58	18645	*	10	100
			Phenol-d6	0.4	44.34	11085	*	10	100
			Nitrobenzene-d5	0.4	123.87	30968	*	27	123
			2-Fluorobiphenyl	0.4	86.58	21646	*	34	132
			2,4,6-Tribromophenol	0.4	190.91	47727	*	10	131
			Terphenyl-d14	0.4	93.77	23441	*	35	157
P3430-02	927-K1-WPO-0-0.2	BN033433.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	75.90	18975	*	10	100
			Phenol-d6	0.4	47.90	11974	*	10	100
			Nitrobenzene-d5	0.4	113.43	28356	*	27	123
			2-Fluorobiphenyl	0.4	78.14	19536	*	34	132
			2,4,6-Tribromophenol	0.4	178.94	44735	*	10	131
			Terphenyl-d14	0.4	89.92	22480	*	35	157
P3430-03	926-K1-WPO-0-0.2	BN033434.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	75.05	18761	*	10	100
			Phenol-d6	0.4	46.32	11580	*	10	100
			Nitrobenzene-d5	0.4	121.96	30489	*	27	123
			2-Fluorobiphenyl	0.4	85.52	21380	*	34	132
			2,4,6-Tribromophenol	0.4	188.27	47068	*	10	131
			Terphenyl-d14	0.4	102.71	25677	*	35	157
P3430-04	931-K1-WPO-0-0.2	BN033435.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	63.20	15799	*	10	100
			Phenol-d6	0.4	38.69	9672	*	10	100
			Nitrobenzene-d5	0.4	108.38	27095	*	27	123
			2-Fluorobiphenyl	0.4	75.09	18773	*	34	132
			2,4,6-Tribromophenol	0.4	174.30	43574	*	10	131
			Terphenyl-d14	0.4	73.93	18483	*	35	157
P3430-05	925-K1-WPO-0-0.2	BN033436.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	74.28	18570	*	10	100
			Phenol-d6	0.4	45.78	11445	*	10	100
			Nitrobenzene-d5	0.4	117.38	29345	*	27	123
			2-Fluorobiphenyl	0.4	83.45	20862	*	34	132
			2,4,6-Tribromophenol	0.4	176.10	44025	*	10	131
			Terphenyl-d14	0.4	88.48	22121	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3450-01	921-J-WP0-0.25-08	BN033437.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	58.64	14661	*	10	100
			Phenol-d6	0.4	33.45	8362	*	10	100
			Nitrobenzene-d5	0.4	112.06	28014	*	27	123
			2-Fluorobiphenyl	0.4	80.88	20220	*	34	132
			2,4,6-Tribromophenol	0.4	163.20	40800	*	10	131
			Terphenyl-d14	0.4	96.28	24069	*	35	157
P3450-02	923-K1-WP0-0.25-(	BN033438.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	55.50	13874	*	10	100
			Phenol-d6	0.4	32.54	8135	*	10	100
			Nitrobenzene-d5	0.4	100.10	25025	*	27	123
			2-Fluorobiphenyl	0.4	71.28	17820	*	34	132
			2,4,6-Tribromophenol	0.4	158.51	39626	*	10	131
			Terphenyl-d14	0.4	82.77	20691	*	35	157
P3450-03	922-K1-WP0-0.25-(	BN033439.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	56.93	14233	*	10	100
			Phenol-d6	0.4	33.08	8271	*	10	100
			Nitrobenzene-d5	0.4	103.46	25866	*	27	123
			2-Fluorobiphenyl	0.4	73.82	18455	*	34	132
			2,4,6-Tribromophenol	0.4	160.90	40225	*	10	131
			Terphenyl-d14	0.4	89.22	22305	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3440-02MS	923-K1-WS-08012	BN033430.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.34	85		30	150
			2-Fluorophenol	0.4	0.16	39		10	100
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.30	76		34	132
			2,4,6-Tribromophenol	0.4	0.37	93		10	131
			Terphenyl-d14	0.4	0.47	117		35	157
P3440-03MSD	923-K1-WS-08012	BN033431.D	2-Methylnaphthalene-d10	0.4	0.35	86		20	139
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.17	43		10	100
			Phenol-d6	0.4	0.11	26		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.33	82		34	132
			2,4,6-Tribromophenol	0.4	0.39	98		10	131
			Terphenyl-d14	0.4	0.52	130		35	157

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3466-01	924-K1-WP0-0.25-(	BN033440.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	66.02	16506	*	10	100
			Phenol-d6	0.4	40.47	10118	*	10	100
			Nitrobenzene-d5	0.4	105.04	26261	*	27	123
			2-Fluorobiphenyl	0.4	71.99	17997	*	34	132
			2,4,6-Tribromophenol	0.4	167.35	41839	*	10	131
			Terphenyl-d14	0.4	86.17	21541	*	35	157
P3466-04	932-K1-WP0-0.25-(	BN033441.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	96.52	24129	*	10	100
			Phenol-d6	0.4	63.61	15903	*	10	100
			Nitrobenzene-d5	0.4	130.37	32593	*	27	123
			2-Fluorobiphenyl	0.4	91.09	22772	*	34	132
			2,4,6-Tribromophenol	0.4	199.18	49795	*	10	131
			Terphenyl-d14	0.4	103.35	25836	*	35	157
P3466-05	919-J-WP0-0.25-08	BN033442.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	81.37	20342	*	10	100
			Phenol-d6	0.4	50.72	12681	*	10	100
			Nitrobenzene-d5	0.4	123.64	30911	*	27	123
			2-Fluorobiphenyl	0.4	83.31	20827	*	34	132
			2,4,6-Tribromophenol	0.4	193.16	48289	*	10	131
			Terphenyl-d14	0.4	100.49	25123	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3580-02	926-KI-SD-0.5-1-08	BN033450.D	2-Methylnaphthalene-d10	0.4	0.13	33		17	161
			Fluoranthene-d10	0.4	0.12	30		23	138
			2-Fluorophenol	0.4	0.16	40		28	122
			Phenol-d6	0.4	0.14	35		25	125
			Nitrobenzene-d5	0.4	0.17	42		33	121
			2-Fluorobiphenyl	0.4	0.14	36		32	121
			2,4,6-Tribromophenol	0.4	0.11	28		19	110
			Terphenyl-d14	0.4	0.17	43		21	130
P3580-03	925-KI-SD-0-0.5-08	BN033453.D	2-Methylnaphthalene-d10	0.4	0.16	39		17	161
			Fluoranthene-d10	0.4	0.13	32		23	138
			2-Fluorophenol	0.4	0.19	47		28	122
			Phenol-d6	0.4	0.16	41		25	125
			Nitrobenzene-d5	0.4	0.20	50		33	121
			2-Fluorobiphenyl	0.4	0.16	40		32	121
			2,4,6-Tribromophenol	0.4	0.15	37		19	110
			Terphenyl-d14	0.4	0.16	41		21	130
P3580-04	925-KI-SD-0.5-1-08	BN033451.D	2-Methylnaphthalene-d10	0.4	0.08	21		17	161
			Fluoranthene-d10	0.4	0.06	14	*	23	138
			2-Fluorophenol	0.4	0.13	32		28	122
			Phenol-d6	0.4	0.11	28		25	125
			Nitrobenzene-d5	0.4	0.13	33		33	121
			2-Fluorobiphenyl	0.4	0.08	20	*	32	121
			2,4,6-Tribromophenol	0.4	0.08	21		19	110
			Terphenyl-d14	0.4	0.07	18	*	21	130
P3580-06	923-KI-SD-0.5-1-08	BN033455.D	2-Methylnaphthalene-d10	0.4	0.21	52		17	161
			Fluoranthene-d10	0.4	0.19	46		23	138
			2-Fluorophenol	0.4	0.25	62		28	122
			Phenol-d6	0.4	0.23	57		25	125
			Nitrobenzene-d5	0.4	0.26	65		33	121
			2-Fluorobiphenyl	0.4	0.22	54		32	121
			2,4,6-Tribromophenol	0.4	0.19	47		19	110
			Terphenyl-d14	0.4	0.22	55		21	130
P3580-08	922-KI-SD-0.5-1-08	BN033452.D	2-Methylnaphthalene-d10	0.4	0.21	52		17	161
			Fluoranthene-d10	0.4	0.22	56		23	138
			2-Fluorophenol	0.4	0.24	60		28	122
			Phenol-d6	0.4	0.22	56		25	125
			Nitrobenzene-d5	0.4	0.26	64		33	121
			2-Fluorobiphenyl	0.4	0.23	57		32	121
			2,4,6-Tribromophenol	0.4	0.17	42		19	110
			Terphenyl-d14	0.4	0.27	67		21	130
PB162692BL	PB162692BL	BN033429.D	2-Methylnaphthalene-d10	0.4	0.34	86		17	161
			Fluoranthene-d10	0.4	0.34	84		23	138
			2-Fluorophenol	0.4	0.38	95		28	122
			Phenol-d6	0.4	0.31	77		25	125
			Nitrobenzene-d5	0.4	0.43	108		33	121
			2-Fluorobiphenyl	0.4	0.36	90		32	121
			2,4,6-Tribromophenol	0.4	0.21	52		19	110
			Terphenyl-d14	0.4	0.46	114		21	130

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3601-02	918-J-WPO-0.25-08	BN033449.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	139
			Fluoranthene-d10	0.4	0.32	80		30	150
			2-Fluorophenol	0.4	0.21	52		10	100
			Phenol-d6	0.4	0.13	33		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.31	77		10	131
			Terphenyl-d14	0.4	0.44	110		35	157

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Surrogate Summary

SW-846

SDG No.: BN081724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3609-02	920-J-WS-081424	BN033454.D	2-Methylnaphthalene-d10	0.4	0.27	67		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.33	83		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.31	76		10	131
			Terphenyl-d14	0.4	0.49	122		35	157
P3620-01	915-J-WPO-0.25-08	BN033443.D	2-Methylnaphthalene-d10	0.4	0.27	68		20	139
			Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.35	88		10	131
			Terphenyl-d14	0.4	0.45	111		35	157
P3620-02	920-J-WPO-0.25-08	BN033444.D	2-Methylnaphthalene-d10	0.4	0.33	82		20	139
			Fluoranthene-d10	0.4	0.36	91		30	150
			2-Fluorophenol	0.4	0.18	45		10	100
			Phenol-d6	0.4	0.11	26		10	100
			Nitrobenzene-d5	0.4	0.37	94		27	123
			2-Fluorobiphenyl	0.4	0.36	90		34	132
			2,4,6-Tribromophenol	0.4	0.48	121		10	131
			Terphenyl-d14	0.4	0.58	145		35	157
PB162758BL	PB162758BL	BN033448.D	2-Methylnaphthalene-d10	0.4	0.30	76		20	139
			Fluoranthene-d10	0.4	0.31	77		30	150
			2-Fluorophenol	0.4	0.34	84		10	100
			Phenol-d6	0.4	0.27	68		10	100
			Nitrobenzene-d5	0.4	0.39	96		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.16	39		10	131
			Terphenyl-d14	0.4	0.44	109		35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN081724

Lab Code: CHEM SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033427.D DFTPP Injection Date: 08/16/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	68.8
443	15.0 - 24.0% of mass 442	12.8 (18.6) 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
SSTDCCC0.4	SSTDCCC0.4	BN033428.D	08/16/2024	13:34
PB162692BL	PB162692BL	BN033429.D	08/16/2024	14:10
923-K1-WS-080124MS	P3440-02MS	BN033430.D	08/16/2024	14:50
923-K1-WS-080124MSD	P3440-03MSD	BN033431.D	08/16/2024	15:26
927-K1-WPO-0-0.25-073124	P3430-01	BN033432.D	08/16/2024	16:02
927-K1-WPO-0-0.25-073124-FD	P3430-02	BN033433.D	08/16/2024	16:39
926-K1-WPO-0-0.25-073124	P3430-03	BN033434.D	08/16/2024	17:15
931-K1-WPO-0-0.25-073124	P3430-04	BN033435.D	08/16/2024	17:51
925-K1-WPO-0-0.25-073124	P3430-05	BN033436.D	08/16/2024	18:27
921-J-WP0-0.25-080124	P3450-01	BN033437.D	08/16/2024	19:03
923-K1-WP0-0.25-080124	P3450-02	BN033438.D	08/16/2024	19:39
922-K1-WP0-0.25-080124	P3450-03	BN033439.D	08/16/2024	20:15
924-K1-WP0-0.25-080224	P3466-01	BN033440.D	08/16/2024	20:52
932-K1-WP0-0.25-080224	P3466-04	BN033441.D	08/16/2024	21:28
919-J-WP0-0.25-080224	P3466-05	BN033442.D	08/16/2024	22:04
915-J-WPO-0.25-081424	P3620-01	BN033443.D	08/16/2024	22:40
920-J-WPO-0.25-081424	P3620-02	BN033444.D	08/16/2024	23:16
SSTDCCC0.4EC	SSTDCCC0.4	BN033445.D	08/16/2024	23:53

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN081724

Lab Code: CHEM SAS No.: BN081724 SDG NO.: BN081724

Lab File ID: BN033446.D DFTPP Injection Date: 08/17/2024

Instrument ID: BNA_N DFTPP Injection Time: 01:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.1
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	39.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.1
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	6.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	10.9
442	Greater than 50% of mass 198	72.4
443	15.0 - 24.0% of mass 442	13.7 (18.9) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033447.D	08/17/2024	01:48
PB162758BL	PB162758BL	BN033448.D	08/17/2024	02:24
918-J-WPO-0.25-081324-FD	P3601-02	BN033449.D	08/17/2024	03:01
926-KI-SD-0.5-1-081224	P3580-02	BN033450.D	08/17/2024	03:37
925-KI-SD-0.5-1-081224	P3580-04	BN033451.D	08/17/2024	04:14
922-KI-SD-0.5-1-081224	P3580-08	BN033452.D	08/17/2024	04:49
925-KI-SD-0-0.5-081224	P3580-03	BN033453.D	08/17/2024	05:26
920-J-WS-081424	P3609-02	BN033454.D	08/17/2024	06:02
923-KI-SD-0.5-1-081224	P3580-06	BN033455.D	08/17/2024	06:38