

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164154BS	SDG No.:	P4397
Lab Sample ID:	PB164154BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139960.D	1	10/15/24 08:40	10/23/24 13:07	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	17.2		4.00	10.0	ug/L
108-95-2	Phenol	46.9		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.9		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	49.8		0.71	5.00	ug/L
95-48-7	2-Methylphenol	48.9		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.0		1.40	5.00	ug/L
98-86-2	Acetophenone	46.3		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	46.5		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.7		1.50	2.50	ug/L
67-72-1	Hexachloroethane	47.3		1.00	5.00	ug/L
98-95-3	Nitrobenzene	46.2		1.30	5.00	ug/L
78-59-1	Isophorone	48.7		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	58.6		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	57.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	49.9		0.88	5.00	ug/L
91-20-3	Naphthalene	46.9		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	21.5		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.9		1.30	5.00	ug/L
105-60-2	Caprolactam	49.5		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	49.5		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	48.6		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	52.2		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.7		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	47.5		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.5		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	54.0		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	50.5		0.93	5.00	ug/L

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164154BS	SDG No.:	P4397
Lab Sample ID:	PB164154BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139960.D	1	10/15/24 08:40	10/23/24 13:07	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	50.9		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	52.4		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.40	5.00	ug/L
83-32-9	Acenaphthene	55.1		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	48.2		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	57.8		1.50	5.00	ug/L
84-66-2	Diethylphthalate	49.9		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.4		0.98	5.00	ug/L
86-73-7	Fluorene	48.1		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	52.6		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	70.2		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.0		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.9		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	49.6		1.10	5.00	ug/L
1912-24-9	Atrazine	58.1		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	99.9	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	48.2		0.89	5.00	ug/L
120-12-7	Anthracene	50.3		1.10	5.00	ug/L
86-74-8	Carbazole	46.4		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.0		1.50	5.00	ug/L
206-44-0	Fluoranthene	47.2		1.30	5.00	ug/L
129-00-0	Pyrene	48.5		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.0		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	35.3		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.3		0.94	5.00	ug/L
218-01-9	Chrysene	50.9		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.8		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	57.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	49.8		1.10	5.00	ug/L

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164154BS	SDG No.:	P4397
Lab Sample ID:	PB164154BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139960.D	1	10/15/24 08:40	10/23/24 13:07	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	48.7		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	53.5		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.2		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.3		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.5		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.4		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	39.2		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.8		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	127		15 (10) - 110 (134)	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.5		30 (49) - 130 (133)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.3		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		15 (44) - 110 (137)	106%	SPK: 150
1718-51-0	Terphenyl-d14	98.4		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	155000	6.893			
1146-65-2	Naphthalene-d8	598000	8.175			
15067-26-2	Acenaphthene-d10	337000	9.928			
1517-22-2	Phenanthrene-d10	612000	11.416			
1719-03-5	Chrysene-d12	326000	14.057			
1520-96-3	Perylene-d12	358000	15.533			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products