

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOTMSD	SDG No.:	P4397
Lab Sample ID:	P4397-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139978.D	1	10/14/24 10:40	10/23/24 21:49	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830		240	430	ug/Kg
108-95-2	Phenol	2200		110	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	220	ug/Kg
95-57-8	2-Chlorophenol	2300		110	220	ug/Kg
95-48-7	2-Methylphenol	2200		110	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		120	220	ug/Kg
98-86-2	Acetophenone	2200		110	220	ug/Kg
65794-96-9	3+4-Methylphenols	2100		100	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		52.9	100	ug/Kg
67-72-1	Hexachloroethane	2200		110	220	ug/Kg
98-95-3	Nitrobenzene	2100		120	220	ug/Kg
78-59-1	Isophorone	2200		110	220	ug/Kg
88-75-5	2-Nitrophenol	2700		120	220	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		120	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		110	220	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		99.1	220	ug/Kg
91-20-3	Naphthalene	2200		110	220	ug/Kg
106-47-8	4-Chloroaniline	590		110	220	ug/Kg
87-68-3	Hexachlorobutadiene	2200		110	220	ug/Kg
105-60-2	Caprolactam	2100		110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		100	220	ug/Kg
91-57-6	2-Methylnaphthalene	2200		110	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400		200	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		93.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		97.1	220	ug/Kg
92-52-4	1,1-Biphenyl	2300		110	220	ug/Kg
91-58-7	2-Chloronaphthalene	2200		110	220	ug/Kg
88-74-4	2-Nitroaniline	2400		120	220	ug/Kg
131-11-3	Dimethylphthalate	2300		110	220	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOTMSD	SDG No.:	P4397
Lab Sample ID:	P4397-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139978.D	1	10/14/24 10:40	10/23/24 21:49	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2300		110	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		110	220	ug/Kg
99-09-2	3-Nitroaniline	1300		120	220	ug/Kg
83-32-9	Acenaphthene	2400		110	220	ug/Kg
51-28-5	2,4-Dinitrophenol	3000		320	430	ug/Kg
100-02-7	4-Nitrophenol	4200	E	150	430	ug/Kg
132-64-9	Dibenzofuran	2200		110	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	220	ug/Kg
84-66-2	Diethylphthalate	2200		110	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		110	220	ug/Kg
86-73-7	Fluorene	2100		110	220	ug/Kg
100-01-6	4-Nitroaniline	1900		140	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		150	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2500		110	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2500		100	220	ug/Kg
118-74-1	Hexachlorobenzene	2300		110	220	ug/Kg
1912-24-9	Atrazine	2900		120	220	ug/Kg
87-86-5	Pentachlorophenol	4400	E	100	430	ug/Kg
85-01-8	Phenanthrene	2500		110	220	ug/Kg
120-12-7	Anthracene	2400		110	220	ug/Kg
86-74-8	Carbazole	2200		110	220	ug/Kg
84-74-2	Di-n-butylphthalate	2500		110	220	ug/Kg
206-44-0	Fluoranthene	2400		110	220	ug/Kg
129-00-0	Pyrene	1800		110	220	ug/Kg
85-68-7	Butylbenzylphthalate	2500		130	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		130	430	ug/Kg
56-55-3	Benzo(a)anthracene	2300		110	220	ug/Kg
218-01-9	Chrysene	2400		100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		120	220	ug/Kg
117-84-0	Di-n-octyl phthalate	3000		140	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		110	220	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOTMSD	SDG No.:	P4397
Lab Sample ID:	P4397-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139978.D	1	10/14/24 10:40	10/23/24 21:49	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2400		110	220	ug/Kg
50-32-8	Benzo(a)pyrene	2500		120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		100	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		110	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		110	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		110	220	ug/Kg
123-91-1	1,4-Dioxane	2100		140	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		98.0	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	116		30 (18) - 130 (112)	77%	SPK: 150
13127-88-3	Phenol-d6	113		30 (15) - 130 (107)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.7		30 (18) - 130 (107)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.8		30 (20) - 130 (109)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		30 (10) - 130 (116)	77%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		30 (10) - 130 (105)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	145000	6.892			
1146-65-2	Naphthalene-d8	545000	8.175			
15067-26-2	Acenaphthene-d10	275000	9.928			
1517-22-2	Phenanthrene-d10	400000	11.416			
1719-03-5	Chrysene-d12	304000	14.057			
1520-96-3	Perylene-d12	306000	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