

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB01MS	SDG No.:	Q1744
Lab Sample ID:	Q1744-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.04 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
BM049865.D	1	04/08/25 08:59	04/09/25 13:08	PB167509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1600		170	370	ug/Kg
108-95-2	Phenol	1900		24.5	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		27.0	190	ug/Kg
95-57-8	2-Chlorophenol	1800		27.1	190	ug/Kg
95-48-7	2-Methylphenol	1900		33.2	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		41.6	190	ug/Kg
98-86-2	Acetophenone	1700		32.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	1900		45.6	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		52.6	88.8	ug/Kg
67-72-1	Hexachloroethane	1700		19.5	190	ug/Kg
98-95-3	Nitrobenzene	1700		20.3	190	ug/Kg
78-59-1	Isophorone	1900		36.4	190	ug/Kg
88-75-5	2-Nitrophenol	1700		64.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		71.9	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		34.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		31.4	190	ug/Kg
91-20-3	Naphthalene	1700		25.2	190	ug/Kg
106-47-8	4-Chloroaniline	410		39.3	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		28.1	190	ug/Kg
105-60-2	Caprolactam	1700		57.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		31.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		28.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6500	E	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		22.0	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		32.3	190	ug/Kg
92-52-4	1,1-Biphenyl	1700		24.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		25.0	190	ug/Kg
88-74-4	2-Nitroaniline	1800		53.4	190	ug/Kg
131-11-3	Dimethylphthalate	1700		30.1	190	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB01MS	SDG No.:	Q1744
Lab Sample ID:	Q1744-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.04 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
BM049865.D	1	04/08/25 08:59	04/09/25 13:08	PB167509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1900		32.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		37.3	190	ug/Kg
99-09-2	3-Nitroaniline	500		51.0	190	ug/Kg
83-32-9	Acenaphthene	1700		23.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	250	370	ug/Kg
100-02-7	4-Nitrophenol	3900	E	120	370	ug/Kg
132-64-9	Dibenzofuran	1700		25.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		55.6	190	ug/Kg
84-66-2	Diethylphthalate	1700		31.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		29.6	190	ug/Kg
86-73-7	Fluorene	1800		28.1	190	ug/Kg
100-01-6	4-Nitroaniline	1600		71.2	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		36.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		30.8	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		28.1	190	ug/Kg
1912-24-9	Atrazine	2500		37.7	190	ug/Kg
87-86-5	Pentachlorophenol	3600	E	56.9	370	ug/Kg
85-01-8	Phenanthrene	1800		23.2	190	ug/Kg
120-12-7	Anthracene	1800		37.0	190	ug/Kg
86-74-8	Carbazole	1800		34.6	190	ug/Kg
84-74-2	Di-n-butylphthalate	1700		53.2	190	ug/Kg
206-44-0	Fluoranthene	1800		33.3	190	ug/Kg
129-00-0	Pyrene	1700		39.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	1600		79.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550		40.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	1800		25.5	190	ug/Kg
218-01-9	Chrysene	1900		22.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		65.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		96.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		21.1	190	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB01MS	SDG No.:	Q1744
Lab Sample ID:	Q1744-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.04 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
BM049865.D	1	04/08/25 08:59	04/09/25 13:08	PB167509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1900		24.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	1900		32.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		32.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		30.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		28.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		28.4	190	ug/Kg
123-91-1	1,4-Dioxane	1600		50.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		30.4	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	123		30 (18) - 130 (112)	82%	SPK: 150
13127-88-3	Phenol-d6	125		30 (15) - 130 (107)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.9		30 (18) - 130 (107)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		30 (20) - 130 (109)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		30 (10) - 130 (116)	90%	SPK: 150
1718-51-0	Terphenyl-d14	89.4		30 (10) - 130 (105)	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	298000	7.775
1146-65-2	Naphthalene-d8	1050000	10.569
15067-26-2	Acenaphthene-d10	691000	14.421
1517-22-2	Phenanthrene-d10	1390000	17.162
1719-03-5	Chrysene-d12	1460000	21.398
1520-96-3	Perylene-d12	1510000	24.391

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