

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.2
Sample Wt/Vol:	30.06 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
BP024895.D	1	06/04/25 12:45	06/10/25 15:46	PB168259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	26.2	U	26.2	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.8	U	28.8	200	ug/Kg
95-57-8	2-Chlorophenol	28.9	U	28.9	200	ug/Kg
95-48-7	2-Methylphenol	35.4	U	35.4	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.4	U	44.4	200	ug/Kg
98-86-2	Acetophenone	35.0	U	35.0	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.7	U	48.7	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.2	U	56.2	94.8	ug/Kg
67-72-1	Hexachloroethane	20.9	U	20.9	200	ug/Kg
98-95-3	Nitrobenzene	21.7	U	21.7	200	ug/Kg
78-59-1	Isophorone	38.9	U	38.9	200	ug/Kg
88-75-5	2-Nitrophenol	69.0	U	69.0	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.8	U	76.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.5	U	36.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.5	U	33.5	200	ug/Kg
91-20-3	Naphthalene	640		26.9	200	ug/Kg
106-47-8	4-Chloroaniline	42.0	UQ	42.0	200	ug/Kg
87-68-3	Hexachlorobutadiene	30.0	U	30.0	200	ug/Kg
105-60-2	Caprolactam	61.8	U	61.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.0	U	34.0	200	ug/Kg
91-57-6	2-Methylnaphthalene	250		30.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.5	U	23.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.5	U	34.5	200	ug/Kg
92-52-4	1,1-Biphenyl	100	J	25.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.7	U	26.7	200	ug/Kg
88-74-4	2-Nitroaniline	57.0	U	57.0	200	ug/Kg
131-11-3	Dimethylphthalate	32.1	U	32.1	200	ug/Kg

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208-96-8	Acenaphthylene	34.3	U	34.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.8	U	39.8	200	ug/Kg
99-09-2	3-Nitroaniline	54.5	UQ	54.5	200	ug/Kg
83-32-9	Acenaphthene	1500		25.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	880		26.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.4	U	59.4	200	ug/Kg
84-66-2	Diethylphthalate	33.5	U	33.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.6	U	31.6	200	ug/Kg
86-73-7	Fluorene	1200		30.0	200	ug/Kg
100-01-6	4-Nitroaniline	76.1	U	76.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.0	U	39.0	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.0	U	33.0	200	ug/Kg
118-74-1	Hexachlorobenzene	30.0	U	30.0	200	ug/Kg
1912-24-9	Atrazine	40.3	U	40.3	200	ug/Kg
87-86-5	Pentachlorophenol	60.8	U	60.8	390	ug/Kg
85-01-8	Phenanthrene	8800	E	24.8	200	ug/Kg
120-12-7	Anthracene	2700		39.5	200	ug/Kg
86-74-8	Carbazole	1000		37.0	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.8	U	56.8	200	ug/Kg
206-44-0	Fluoranthene	8200	E	35.6	200	ug/Kg
129-00-0	Pyrene	7400	E	42.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	84.6	U	84.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.5	UQ	43.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	3800	E	27.3	200	ug/Kg
218-01-9	Chrysene	3300	E	23.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	70.2	U	70.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	E	22.5	200	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1400		26.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	3400	E	35.0	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		34.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	480		32.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		30.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.3	U	30.3	200	ug/Kg
123-91-1	1,4-Dioxane	53.6	U	53.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.5	U	32.5	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	106		30 (18) - 130 (112)	70%	SPK: 150
13127-88-3	Phenol-d6	105		30 (15) - 130 (107)	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.0		30 (18) - 130 (107)	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.3		30 (20) - 130 (109)	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		30 (10) - 130 (116)	74%	SPK: 150
1718-51-0	Terphenyl-d14	56.2		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	260000	7.607
1146-65-2	Naphthalene-d8	1060000	10.378
15067-26-2	Acenaphthene-d10	672000	14.26
1517-22-2	Phenanthrene-d10	1300000	17.072
1719-03-5	Chrysene-d12	1320000	21.507
1520-96-3	Perylene-d12	1600000	24.76

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	AB	4.77	ug/Kg
000629-50-5	Tridecane	450	J	11.8	ug/Kg
90-12-0	1-Methylnaphthalene	190	J	12.3	ug/Kg
000119-61-9	Benzophenone	630	J	15.6	ug/Kg
001430-97-3	9H-Fluorene, 2-methyl-	380	J	16.4	ug/Kg
000486-25-9	9H-Fluoren-9-one	250	J	16.7	ug/Kg
000132-65-0	Dibenzothiophene	660	J	16.9	ug/Kg

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000260-94-6	Acridine	270	J		17.3	ug/Kg
000262-89-5	Dibenzo[a,e]cyclooctene	280	J		17.6	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	810	J		18.0	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	1300	J		18.0	ug/Kg
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	500	J		18.1	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	1700	J		18.2	ug/Kg
000832-64-4	Phenanthrene, 4-methyl-	430	J		18.2	ug/Kg
000612-94-2	Naphthalene, 2-phenyl-	750	J		18.5	ug/Kg
000084-65-1	9,10-Anthracenedione	420	J		18.5	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	350	J		18.9	ug/Kg
005737-13-3	Cyclopenta(def)phenanthrenone	370	J		19.1	ug/Kg
000192-97-2	Benzo[e]pyrene	760	J		24.0	ug/Kg
000198-55-0	Perylene	2900	J		24.5	ug/Kg
000205-82-3	Benzo[j]fluoranthene	1400	J		24.8	ug/Kg

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