

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-SB01DL	SDG No.:	Q2177
Lab Sample ID:	Q2177-02DL	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
BP024917.D	5	06/04/25 12:45	06/11/25 18:27	PB168259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	920	UD	920	2000	ug/Kg
108-95-2	Phenol	130	UD	130	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	UD	140	1000	ug/Kg
95-57-8	2-Chlorophenol	140	UD	140	1000	ug/Kg
95-48-7	2-Methylphenol	180	UD	180	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	220	UD	220	1000	ug/Kg
98-86-2	Acetophenone	170	UD	170	1000	ug/Kg
65794-96-9	3+4-Methylphenols	240	UD	240	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280	UD	280	470	ug/Kg
67-72-1	Hexachloroethane	100	UD	100	1000	ug/Kg
98-95-3	Nitrobenzene	110	UD	110	1000	ug/Kg
78-59-1	Isophorone	190	UD	190	1000	ug/Kg
88-75-5	2-Nitrophenol	340	UD	340	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	380	UD	380	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	UD	180	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	170	UD	170	1000	ug/Kg
91-20-3	Naphthalene	670	JD	130	1000	ug/Kg
106-47-8	4-Chloroaniline	210	UDQ	210	1000	ug/Kg
87-68-3	Hexachlorobutadiene	150	UD	150	1000	ug/Kg
105-60-2	Caprolactam	310	UD	310	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	UD	170	1000	ug/Kg
91-57-6	2-Methylnaphthalene	150	UD	150	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	690	UD	690	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	UD	120	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	UD	170	1000	ug/Kg
92-52-4	1,1-Biphenyl	130	UD	130	1000	ug/Kg
91-58-7	2-Chloronaphthalene	130	UD	130	1000	ug/Kg
88-74-4	2-Nitroaniline	290	UD	290	1000	ug/Kg
131-11-3	Dimethylphthalate	160	UD	160	1000	ug/Kg

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208-96-8	Acenaphthylene	170	UD	170	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	200	UD	200	1000	ug/Kg
99-09-2	3-Nitroaniline	270	UDQ	270	1000	ug/Kg
83-32-9	Acenaphthene	1700	D	130	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	UD	1400	2000	ug/Kg
100-02-7	4-Nitrophenol	630	UD	630	2000	ug/Kg
132-64-9	Dibenzofuran	930	JD	130	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	UD	300	1000	ug/Kg
84-66-2	Diethylphthalate	170	UD	170	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	UD	160	1000	ug/Kg
86-73-7	Fluorene	1200	D	150	1000	ug/Kg
100-01-6	4-Nitroaniline	380	UD	380	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610	UD	610	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	UD	190	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	UD	160	1000	ug/Kg
118-74-1	Hexachlorobenzene	150	UD	150	1000	ug/Kg
1912-24-9	Atrazine	200	UD	200	1000	ug/Kg
87-86-5	Pentachlorophenol	300	UD	300	2000	ug/Kg
85-01-8	Phenanthrene	11700	D	120	1000	ug/Kg
120-12-7	Anthracene	3000	D	200	1000	ug/Kg
86-74-8	Carbazole	1100	D	180	1000	ug/Kg
84-74-2	Di-n-butylphthalate	280	UD	280	1000	ug/Kg
206-44-0	Fluoranthene	11900	D	180	1000	ug/Kg
129-00-0	Pyrene	9000	D	210	1000	ug/Kg
85-68-7	Butylbenzylphthalate	420	UD	420	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	UDQ	220	2000	ug/Kg
56-55-3	Benzo(a)anthracene	4100	D	140	1000	ug/Kg
218-01-9	Chrysene	3600	D	120	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	350	UD	350	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	510	UD	510	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	4200	D	110	1000	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1500	D	130	1000	ug/Kg
50-32-8	Benzo(a)pyrene	3600	D	170	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800	D	170	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	490	JD	160	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	D	150	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	UD	150	1000	ug/Kg
123-91-1	1,4-Dioxane	270	UD	270	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	UD	160	1000	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	108		30 (18) - 130 (112)	72%	SPK: 150
13127-88-3	Phenol-d6	104		30 (15) - 130 (107)	69%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.0		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		30 (20) - 130 (109)	63%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		30 (10) - 130 (116)	75%	SPK: 150
1718-51-0	Terphenyl-d14	58.1		30 (10) - 130 (105)	58%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	220000	7.613
1146-65-2	Naphthalene-d8	880000	10.384
15067-26-2	Acenaphthene-d10	533000	14.254
1517-22-2	Phenanthrene-d10	1070000	17.06
1719-03-5	Chrysene-d12	1300000	21.489
1520-96-3	Perylene-d12	1570000	24.754

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