

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S04	SDG No.:	Q2832
Lab Sample ID:	Q2832-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.1
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
BP025468.D	5	08/13/25 09:05	08/18/25 19:39	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	840	U	840	1800	ug/Kg
108-95-2	Phenol	120	U	120	910	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	910	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	910	ug/Kg
95-48-7	2-Methylphenol	160	U	160	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	910	ug/Kg
98-86-2	Acetophenone	160	U	160	910	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	430	ug/Kg
67-72-1	Hexachloroethane	94.4	U	94.4	910	ug/Kg
98-95-3	Nitrobenzene	98.2	U	98.2	910	ug/Kg
78-59-1	Isophorone	180	U	180	910	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	910	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	910	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	910	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	910	ug/Kg
91-20-3	Naphthalene	120	U	120	910	ug/Kg
106-47-8	4-Chloroaniline	190	UQ	190	910	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	910	ug/Kg
105-60-2	Caprolactam	280	U	280	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	910	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	910	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620	U	620	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	910	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	910	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	910	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	910	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	910	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	910	ug/Kg

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208-96-8	Acenaphthylene	1900		160	910	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	910	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	910	ug/Kg
83-32-9	Acenaphthene	110	U	110	910	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	ug/Kg
100-02-7	4-Nitrophenol	570	U	570	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	910	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	910	ug/Kg
84-66-2	Diethylphthalate	150	U	150	910	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	910	ug/Kg
86-73-7	Fluorene	140	U	140	910	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	910	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	910	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	910	ug/Kg
1912-24-9	Atrazine	180	U	180	910	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	1800	ug/Kg
85-01-8	Phenanthrene	2000		110	910	ug/Kg
120-12-7	Anthracene	2400		180	910	ug/Kg
86-74-8	Carbazole	590	J	170	910	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	910	ug/Kg
206-44-0	Fluoranthene	8300		160	910	ug/Kg
129-00-0	Pyrene	7600		190	910	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	910	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	UQ	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	5200		120	910	ug/Kg
218-01-9	Chrysene	5700		110	910	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	910	ug/Kg
117-84-0	Di-n-octyl phthalate	470	U	470	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	7500		100	910	ug/Kg

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207-08-9	Benzo(k)fluoranthene	2800		120	910	ug/Kg
50-32-8	Benzo(a)pyrene	4000		160	910	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2500		160	910	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880	J	150	910	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2700		140	910	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	910	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	910	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	910	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	95.5		30 (18) - 130 (112)	64%	SPK: 150
13127-88-3	Phenol-d6	96.0		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.7		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.8		30 (20) - 130 (109)	64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.0		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	64.6		30 (10) - 130 (105)	65%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	165000	7.79
1146-65-2	Naphthalene-d8	657000	10.56
15067-26-2	Acenaphthene-d10	418000	14.401
1517-22-2	Phenanthrene-d10	833000	17.195
1719-03-5	Chrysene-d12	886000	21.624
1520-96-3	Perylene-d12	1060000	24.995

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J	3.04	ug/Kg
000119-61-9	Benzophenone	460	J	15.8	ug/Kg
000613-12-7	Anthracene, 2-methyl-	600	J	18.1	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	1100	J	18.1	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	550	J	18.2	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J	18.3	ug/Kg
000612-94-2	Naphthalene, 2-phenyl-	430	J	18.6	ug/Kg

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000084-65-1	9,10-Anthracenedione	480	J		18.7	ug/Kg
001576-67-6	Phenanthrene, 3,6-dimethyl-	390	J		18.9	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	1100	J		19.1	ug/Kg
000483-87-4	Phenanthrene, 1,7-dimethyl-	670	J		19.1	ug/Kg
005737-13-3	Cyclopenta(def)phenanthrenone	1000	J		19.2	ug/Kg
002381-21-7	Pyrene, 1-methyl-	590	J		20.0	ug/Kg
003353-12-6	Pyrene, 4-methyl-	510	J		20.4	ug/Kg
000082-05-3	7H-Benz[de]anthracen-7-one	570	J		21.0	ug/Kg
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	530	J		21.2	ug/Kg
027208-37-3	Cyclopenta[cd]pyrene	520	J		21.3	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	460	J		21.4	ug/Kg
002541-69-7	Benz[a]anthracene, 7-methyl-	390	J		22.4	ug/Kg
000192-97-2	Benzo[e]pyrene	4800	J		24.7	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