

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	52.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049447.D	1	06/11/25	06/12/25	PB168408

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.44	J	0.23	1.28	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.52	J	0.44	1.92	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.66	J	0.77	3.19	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.04	J	2.28	5.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.2		40 - 140	86%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.3		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.9		40 - 140	74%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2198-03	Acq On:	12 Jun 2025 03:27
Client Sample ID:	B-207-SB02	Operator:	YP/AJ
Data file:	FD049447.D	Misc:	
Instrument:	FID_D	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.424	6.168	570310	3.408	200	ug/ml
Aromatic C12-C16	6.169	8.797	759368	4.049	300	ug/ml
Aromatic C16-C21	8.798	13.088	3849368	20.837	500	ug/ml
Aromatic C21-C36	13.089	18.509	3456759	23.83	800	ug/ml
Aromatic EPH	4.424	18.509	8635805	52.124		ug/ml
2-Bromonaphthalene (SURRE)	7.735	7.735	7184963	43.22		ug/ml
2-Fluorobiphenyl (SURRE)	8.600	8.600	4834587	42.26		ug/ml
ortho-Terphenyl (SURRE)	11.646	11.646	7408683	36.91		ug/ml