

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168408BS	SDG No.:	Q2177
Lab Sample ID:	PB168408BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049433.D	1	06/11/25	06/11/25	PB168408

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.20		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.11		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	9.80		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	18.5		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	36.6		40 - 140	73%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	36.1		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.0		40 - 140	62%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB168408BS	Acq On:	11 Jun 2025 17:15
Client Sample ID:	PB168408BS	Operator:	YP/AJ
Data file:	FD049433.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.424	6.168	8036884	48.026	200	ug/ml
Aromatic C12-C16	6.169	8.797	14391225	76.743	300	ug/ml
Aromatic C16-C21	8.798	13.088	27187051	147.164	500	ug/ml
Aromatic C21-C36	13.089	18.509	40239912	277.406	800	ug/ml
Aromatic EPH	4.424	18.509	89855072	549.338		ug/ml
2-Bromonaphthalene (SURRE)	7.733	7.733	6082670	36.59		ug/ml
2-Fluorobiphenyl (SURRE)	8.599	8.599	4126519	36.07		ug/ml
ortho-Terphenyl (SURRE)	11.645	11.645	6218341	30.98		ug/ml