

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168408BL	SDG No.:	Q2177
Lab Sample ID:	PB168408BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049432.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	0.12	U	0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.23	U	0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.40	U	0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	33.6		40 - 140	67%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.5		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB168408BL	Acq On:	11 Jun 2025 16:33
Client Sample ID:	PB168408BL	Operator:	YP/AJ
Data file:	FD049432.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.424	6.168	0	0	200	ug/ml
Aromatic C12-C16	6.169	8.797	0	0	300	ug/ml
Aromatic C16-C21	8.798	13.088	0	0	500	ug/ml
Aromatic C21-C36	13.089	18.509	0	0	800	ug/ml
Aromatic EPH	4.424	18.509	0	0		ug/ml
2-Bromonaphthalene (SURR)	7.733	7.733	5580932	33.57		ug/ml
2-Fluorobiphenyl (SURR)	8.598	8.598	3722980	32.54		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	6306403	31.42		ug/ml