

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168408BSD	SDG No.:	Q2198
Lab Sample ID:	PB168408BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049434.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	2.95		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.68		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	9.01		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	17.5		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	33.5		40 - 140	67%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.1		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.3		40 - 140	57%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB168408BSD	Acq On:	11 Jun 2025 17:57
Client Sample ID:	PB168408BSD	Operator:	YP/AJ
Data file:	FD049434.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.424	6.168	7419926	44.339	200	ug/ml
Aromatic C12-C16	6.169	8.797	13190807	70.341	300	ug/ml
Aromatic C16-C21	8.798	13.088	25003970	135.346	500	ug/ml
Aromatic C21-C36	13.089	18.509	38067969	262.433	800	ug/ml
Aromatic EPH	4.424	18.509	83682672	512.46		ug/ml
2-Bromonaphthalene (SURRE)	7.732	7.732	5575880	33.54		ug/ml
2-Fluorobiphenyl (SURRE)	8.598	8.598	3792496	33.15		ug/ml
ortho-Terphenyl (SURRE)	11.643	11.643	5678306	28.29		ug/ml