

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
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
FD049482.D	1	06/11/25	06/13/25	PB168408

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.46	J	0.14	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.63	J	0.27	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.27		0.47	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.89	J	1.41	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	23.8		40 - 140	48%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	21.8		40 - 140	44%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.6		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2177-02	Acq On:	13 Jun 2025 08:25
Client Sample ID:	B-187-SB01	Operator:	YP/AJ
Data file:	FD049482.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	980709	5.86	200	ug/ml
Aromatic C12-C16	6.169	8.796	1494000	7.967	300	ug/ml
Aromatic C16-C21	8.797	13.086	5301973	28.7	500	ug/ml
Aromatic C21-C36	13.087	18.508	3472592	23.939	800	ug/ml
Aromatic EPH	4.424	18.508	11249274	66.466		ug/ml
2-Bromonaphthalene (SURRE)	7.732	7.732	3952894	23.78		ug/ml
2-Fluorobiphenyl (SURRE)	8.597	8.597	2498647	21.84		ug/ml
ortho-Terphenyl (SURRE)	11.646	11.646	8349277	41.6		ug/ml