

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015642.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.37	U	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.49	J	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.73	J	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.47	U	2.47	3.29	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.2		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.6		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.4		40 - 140	51%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-03	Acq On:	10 Mar 2025 23:08
Client Sample ID:	ENV-105-SB02	Operator:	YP\AJ
Data file:	FF015642.D	Misc:	
Instrument:	FID_F	ALS Vial:	84
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	346820	2.702	200	ug/ml
Aromatic C12-C16	6.378	9.069	811947	5.935	300	ug/ml
Aromatic C16-C21	9.070	13.390	2806768	21.097	500	ug/ml
Aromatic C21-C36	13.391	18.845	1762997	13.556	800	ug/ml
Aromatic EPH	4.505	18.845	5728532	43.29		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	3740615	25.43		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	5960858	51.2		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	3536543	49.65		ug/ml