

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-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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
FF015641.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	0.35	J	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.37	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	10.1		1.05	1.82	mg/kg
Aromatic C21-C36	Aromatic C21-C36	69.5	E	2.18	2.91	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.0		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.7		40 - 140	61%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-01	Acq On:	10 Mar 2025 22:39
Client Sample ID:	ENV-105-SB01	Operator:	YP\AJ
Data file:	FF015641.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	618764	4.82	200	ug/ml
Aromatic C12-C16	6.378	9.069	1230509	8.995	300	ug/ml
Aromatic C16-C21	9.070	13.390	18399654	138.303	500	ug/ml
Aromatic C21-C36	13.391	18.845	124273362	955.539	800	ug/ml
Aromatic EPH	4.505	18.845	144522289	1110		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6276281	53.91		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	3631679	50.98		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	4512420	30.68		ug/ml