

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-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015643.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	0.34	U	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.38	U	0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.08	U	1.08	1.87	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.24	U	2.24	2.99	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.6		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.3		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.0		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-05	Acq On:	10 Mar 2025 23:38
Client Sample ID:	ENV-103-SB01	Operator:	YP\AJ
Data file:	FF015643.D	Misc:	
Instrument:	FID_F	ALS Vial:	85
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	54960	0.428	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1258358	9.459	500	ug/ml
Aromatic C21-C36	13.391	18.845	269243	2.07	800	ug/ml
Aromatic EPH	4.505	18.845	1582561	11.957		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	3967510	26.97		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6468886	55.57		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	3869520	54.32		ug/ml