

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015636.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	0.33	U	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.37	U	0.37	1.10	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.06	U	1.06	1.83	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.20	U	2.20	2.94	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.6		40 - 140	127%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.5		40 - 140	119%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.5		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-03	Acq On:	10 Mar 2025 20:13
Client Sample ID:	ENV-101-SB02	Operator:	YP\AJ
Data file:	FF015636.D	Misc:	
Instrument:	FID_F	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	57913	0.451	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1275048	9.584	500	ug/ml
Aromatic C21-C36	13.391	18.845	215391	1.656	800	ug/ml
Aromatic EPH	4.505	18.845	1548352	11.691		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	3899585	26.51		ug/ml
2-Bromonaphthalene (SURR)	7.998	7.998	7403413	63.6		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	4234903	59.45		ug/ml