

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-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
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
FF015632.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	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.08	U	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.26	U	2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.8		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.4		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-01	Acq On:	10 Mar 2025 18:15
Client Sample ID:	ENV-101-SB01	Operator:	YP\AJ
Data file:	FF015632.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	0	0	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1463074	10.997	500	ug/ml
Aromatic C21-C36	13.391	18.845	113223	0.871	800	ug/ml
Aromatic EPH	4.505	18.845	1576297	11.868		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	5453196	46.84		ug/ml
2-Fluorobiphenyl (SURR)	8.876	8.876	3207625	45.03		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	5056753	34.38		ug/ml