

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
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
FD049136.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.33	U	0.33	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.46	J	0.38	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.41	J	1.07	1.85	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.26	J	2.22	2.96	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.8		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.0		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.4		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-04	Acq On:	28 Feb 2025 14:40
Client Sample ID:	B-172-SB02	Operator:	YP/AJ
Data file:	FD049136.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	589679	3.708	200	ug/ml
Aromatic C12-C16	5.795	8.396	989941	6.151	300	ug/ml
Aromatic C16-C21	8.397	12.661	2907735	18.96	500	ug/ml
Aromatic C21-C36	12.662	18.073	4359852	30.464	800	ug/ml
Aromatic EPH	4.076	18.073	8847207	59.284		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6703578	41.44		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	8127994	56.8		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5189155	59.03		ug/ml