

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/23/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/25/25
Client Sample ID:	B-154-SB02	SDG No.:	Q1422
Lab Sample ID:	Q1422-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049146.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	0.34	U	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.45	J	0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.77	J	1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.29	U	2.29	3.05	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.0		40 - 140	126%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	66.7		40 - 140	133%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.6		40 - 140	87%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1422-02	Acq On:	28 Feb 2025 21:22
Client Sample ID:	B-154-SB02	Operator:	YP/AJ
Data file:	FD049146.D	Misc:	
Instrument:	FID_D	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	714445	4.493	200	ug/ml
Aromatic C12-C16	5.795	8.396	948596	5.894	300	ug/ml
Aromatic C16-C21	8.397	12.661	3553201	23.169	500	ug/ml
Aromatic C21-C36	12.662	18.073	4005761	27.99	800	ug/ml
Aromatic EPH	4.076	18.073	9222003	61.546		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	9010697	62.96		ug/ml
2-Fluorobiphenyl (SURRE)	8.201	8.201	5866189	66.73		ug/ml
ortho-Terphenyl (SURRE)	11.235	11.235	7059553	43.64		ug/ml