

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-SB01	SDG No.:	Q1422
Lab Sample ID:	Q1422-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049145.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	0.43	J	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.26		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)	58.4		40 - 140	117%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.8		40 - 140	122%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.7		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1422-01	Acq On:	28 Feb 2025 20:46
Client Sample ID:	B-154-SB01	Operator:	YP/AJ
Data file:	FD049145.D	Misc:	
Instrument:	FID_D	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	905838	5.696	200	ug/ml
Aromatic C12-C16	5.795	8.396	1381445	8.584	300	ug/ml
Aromatic C16-C21	8.397	12.661	4600277	29.997	500	ug/ml
Aromatic C21-C36	12.662	18.073	3650099	25.505	800	ug/ml
Aromatic EPH	4.076	18.073	10537659	69.782		ug/ml
2-Bromonaphthalene (SURRE)	7.351	7.351	8363016	58.44		ug/ml
2-Fluorobiphenyl (SURRE)	8.201	8.201	5346083	60.81		ug/ml
ortho-Terphenyl (SURRE)	11.234	11.234	5608061	34.67		ug/ml