

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB01	SDG No.:	Q1744
Lab Sample ID:	Q1744-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
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
FD049272.D	1	04/08/25	04/10/25	PB167513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.45	J	0.13	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.46	J	0.26	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.47		0.44	1.85	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.24	J	1.32	2.96	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	36.5		40 - 140	73%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.1		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1744-01	Acq On:	10 Apr 2025 16:38
Client Sample ID:	B-158-SB01	Operator:	YP/AJ
Data file:	FD049272.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.440	6.185	950821	6.064	200	ug/ml
Aromatic C12-C16	6.186	8.813	1061990	6.239	300	ug/ml
Aromatic C16-C21	8.814	13.102	7865902	46.904	500	ug/ml
Aromatic C21-C36	13.103	18.519	4183363	30.283	800	ug/ml
Aromatic EPH	4.440	18.519	14062076	89.491		ug/ml
2-Bromonaphthalene (SURR)	7.749	7.749	5408441	36.51		ug/ml
2-Fluorobiphenyl (SURR)	8.614	8.614	3221957	31.59		ug/ml
ortho-Terphenyl (SURR)	11.658	11.658	7248338	41.14		ug/ml