

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-SB02	SDG No.:	Q1744
Lab Sample ID:	Q1744-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	56
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
FD049273.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	0.70	J	0.21	1.19	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.69	J	0.41	1.78	mg/kg
Aromatic C16-C21	Aromatic C16-C21	4.67		0.71	2.97	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.40	J	2.12	4.75	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	35.0		40 - 140	70%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	30.2		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.0		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1744-03	Acq On:	10 Apr 2025 17:15
Client Sample ID:	B-158-SB02	Operator:	YP/AJ
Data file:	FD049273.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.440	6.185	918172	5.856	200	ug/ml
Aromatic C12-C16	6.186	8.813	987403	5.801	300	ug/ml
Aromatic C16-C21	8.814	13.102	6590060	39.296	500	ug/ml
Aromatic C21-C36	13.103	18.519	3952627	28.613	800	ug/ml
Aromatic EPH	4.440	18.519	12448262	79.566		ug/ml
2-Bromonaphthalene (SURRE)	7.749	7.749	5186623	35.01		ug/ml
2-Fluorobiphenyl (SURRE)	8.615	8.615	3081793	30.21		ug/ml
ortho-Terphenyl (SURRE)	11.657	11.657	5112481	29.02		ug/ml