

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
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
FD049327.D	1	05/07/25	05/08/25	PB167903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.61	J	0.14	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.45		0.28	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.1		0.48	2.00	mg/kg
Aromatic C21-C36	Aromatic C21-C36	19.0		1.43	3.21	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.5		40 - 140	123%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.6		40 - 140	127%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.4		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1901-03	Acq On:	08 May 2025 18:31
Client Sample ID:	B-170-SB01	Operator:	YP/AJ
Data file:	FD049327.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	4.431	6.176	976606	7.598	200	ug/ml
Aromatic C12-C16	6.177	8.805	2452944	18.073	300	ug/ml
Aromatic C16-C21	8.806	13.095	32947919	251.28	500	ug/ml
Aromatic C21-C36	13.0956	18.515	27860467	237.406	800	ug/ml
Aromatic EPH	4.431	18.515	64237936	514.356		ug/ml
2-Bromonaphthalene (SURRE)	7.742	7.742	7294212	61.52		ug/ml
2-Fluorobiphenyl (SURRE)	8.608	8.608	5025132	63.63		ug/ml
ortho-Terphenyl (SURRE)	11.652	11.652	5845951	42.36		ug/ml