

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-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049332.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	0.31	J	0.16	0.89	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.42	J	0.31	1.33	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.40		0.53	2.22	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.80	J	1.58	3.55	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.9		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.0		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.1		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1901-05	Acq On:	08 May 2025 21:41
Client Sample ID:	B-170-SB02	Operator:	YP/AJ
Data file:	FD049332.D	Misc:	
Instrument:	FID_D	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.431	6.176	446581	3.474	200	ug/ml
Aromatic C12-C16	6.177	8.805	643402	4.74	300	ug/ml
Aromatic C16-C21	8.806	13.095	3552725	27.095	500	ug/ml
Aromatic C21-C36	13.0956	18.515	2378123	20.265	800	ug/ml
Aromatic EPH	4.431	18.515	7020831	55.575		ug/ml
2-Bromonaphthalene (SURRE)	7.741	7.741	6746093	56.9		ug/ml
2-Fluorobiphenyl (SURRE)	8.607	8.607	4263173	53.98		ug/ml
ortho-Terphenyl (SURRE)	11.650	11.650	4011652	29.07		ug/ml