

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169364BSD	SDG No.:	Q2832
Lab Sample ID:	PB169364BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049647.D	1	08/21/25	08/22/25	PB169364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.35		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.12		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	17.1		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	28.9		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.0		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.0		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.1		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169364BSD	Acq On:	22 Aug 2025 16:31
Client Sample ID:	PB169364BSD	Operator:	YP/AJ
Data file:	FD049647.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.407	6.150	8670196	80.324	200	ug/ml
Aromatic C12-C16	6.151	8.778	16907845	136.817	300	ug/ml
Aromatic C16-C21	8.779	13.069	32435092	256.432	500	ug/ml
Aromatic C21-C36	13.070	18.489	48829811	433.587	800	ug/ml
Aromatic EPH	4.407	18.489	106842944	907.16		ug/ml
2-Bromonaphthalene (SURRE)	7.714	7.714	6152246	60.03		ug/ml
2-Fluorobiphenyl (SURRE)	8.580	8.580	4307433	58.97		ug/ml
ortho-Terphenyl (SURRE)	11.627	11.627	6379155	49.15		ug/ml