

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167513BS	SDG No.:	Q1744
Lab Sample ID:	PB167513BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049270.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	4.16		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.05		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.0		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	26.7		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.0		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.7		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.3		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167513BS	Acq On:	10 Apr 2025 15:25
Client Sample ID:	PB167513BS	Operator:	YP/AJ
Data file:	FD049270.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	4.440	6.185	9786368	62.416	200	ug/ml
Aromatic C12-C16	6.186	8.813	18016061	105.837	300	ug/ml
Aromatic C16-C21	8.814	13.102	37740425	225.045	500	ug/ml
Aromatic C21-C36	13.103	18.519	55456489	401.45	800	ug/ml
Aromatic EPH	4.440	18.519	120999343	794.748		ug/ml
2-Bromonaphthalene (SURR)	7.751	7.751	7104793	47.96		ug/ml
2-Fluorobiphenyl (SURR)	8.617	8.617	4968091	48.71		ug/ml
ortho-Terphenyl (SURR)	11.658	11.658	7270035	41.26		ug/ml