

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-202-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.4
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
FD049459.D	1	06/11/25	06/12/25	PB168408

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	J	0.14	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	J	0.27	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.92		0.47	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.05	J	1.39	3.12	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.8		40 - 140	82%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	40.6		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2177-06	Acq On:	12 Jun 2025 13:40
Client Sample ID:	B-202-SB01	Operator:	YP/AJ
Data file:	FD049459.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	4.424	6.168	757353	4.526	200	ug/ml
Aromatic C12-C16	6.169	8.797	978175	5.216	300	ug/ml
Aromatic C16-C21	8.798	13.088	6923910	37.479	500	ug/ml
Aromatic C21-C36	13.089	18.510	3805918	26.237	800	ug/ml
Aromatic EPH	4.424	18.510	12465356	73.458		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	7498843	37.36		ug/ml
2-Bromonaphthalene (SURR)	7.733	7.733	6787663	40.83		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	4648646	40.64		ug/ml