

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-187-SB01MSD	SDG No.:	Q2198
Lab Sample ID:	Q2177-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
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
FD049485.D	1	06/11/25	06/13/25	PB168408

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	2.73		0.14	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.61		0.27	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	10.6		0.47	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	15.8		1.41	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	38.6		40 - 140	77%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	37.7		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.9		40 - 140	66%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2177-02MSD	Acq On:	13 Jun 2025 10:28
Client Sample ID:	B-187-SB01MSD	Operator:	YP/AJ
Data file:	FD049485.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.424	6.168	5780149	34.54	200	ug/ml
Aromatic C12-C16	6.169	8.796	10942801	58.354	300	ug/ml
Aromatic C16-C21	8.797	13.086	24851315	134.52	500	ug/ml
Aromatic C21-C36	13.087	18.508	28939612	199.504	800	ug/ml
Aromatic EPH	4.424	18.508	70513877	426.918		ug/ml
2-Bromonaphthalene (SURRE)	7.733	7.733	6422490	38.64		ug/ml
2-Fluorobiphenyl (SURRE)	8.599	8.599	4310794	37.68		ug/ml
ortho-Terphenyl (SURRE)	11.644	11.644	6612603	32.94		ug/ml