

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	71.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049446.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	0.38	J	0.17	0.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.57	J	0.32	1.39	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.87		0.56	2.31	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.39	J	1.65	3.70	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	39.1		40 - 140	78%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.3		40 - 140	57%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2198-01	Acq On:	12 Jun 2025 02:48
Client Sample ID:	B-202-SB02	Operator:	YP/AJ
Data file:	FD049446.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.424	6.168	679679	4.062	200	ug/ml
Aromatic C12-C16	6.169	8.797	1161478	6.194	300	ug/ml
Aromatic C16-C21	8.798	13.088	7732346	41.855	500	ug/ml
Aromatic C21-C36	13.089	18.509	3740686	25.788	800	ug/ml
Aromatic EPH	4.424	18.509	13314189	77.898		ug/ml
ortho-Terphenyl (SURR)	11.644	11.644	5682762	28.31		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	6493936	39.06		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	4465390	39.03		ug/ml