

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166218BL	SDG No.:	Q1194
Lab Sample ID:	PB166218BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015326.D	1	01/28/25	01/28/25	PB166218

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.30	U	0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.34	U	0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.96	U	0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.00	U	2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.3		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.9		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.2		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166218BL	Acq On:	28 Jan 2025 15:52
Client Sample ID:	PB166218BL	Operator:	YP\AJ
Data file:	FF015326.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.485	6.355	0	0	200	ug/ml
Aromatic C12-C16	6.356	9.053	0	0	300	ug/ml
Aromatic C16-C21	9.054	13.372	0	0	500	ug/ml
Aromatic C21-C36	13.373	18.824	0	0	800	ug/ml
Aromatic EPH	4.485	18.824	0	0		ug/ml
2-Bromonaphthalene (SURR)	7.979	7.979	7299905	55.3		ug/ml
2-Fluorobiphenyl (SURR)	8.852	8.852	4549221	53.9		ug/ml
ortho-Terphenyl (SURR)	11.923	11.923	7094985	41.22		ug/ml