

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BL	SDG No.:	P5299
Lab Sample ID:	PB165775BL	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
FD048898.D	1	12/19/24	12/20/24	PB165775

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	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.1		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.4		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.6		40 - 140	95%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165775BL	Acq On:	20 Dec 2024 10:34
Client Sample ID:	PB165775BL	Operator:	YP/AJ
Data file:	FD048898.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	0	0	200	ug/ml
Aromatic C12-C16	5.801	8.405	0	0	300	ug/ml
Aromatic C16-C21	8.406	12.669	0	0	500	ug/ml
Aromatic C21-C36	12.670	18.077	0	0	800	ug/ml
Aromatic EPH	4.083	18.077	0	0		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	8452422	47.58		ug/ml
2-Bromonaphthalene (SURR)	7.358	7.358	8936524	53.06		ug/ml
2-Fluorobiphenyl (SURR)	8.207	8.207	5726704	55.43		ug/ml