

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	68.8
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
FD048903.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	0.44	U	0.44	0.97	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.75		0.49	1.45	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.58		1.39	2.42	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.39		2.90	3.87	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.1		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.2		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.5		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-03	Acq On:	20 Dec 2024 13:58
Client Sample ID:	SB-01	Operator:	YP/AJ
Data file:	FD048903.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	698495	3.672	200	ug/ml
Aromatic C12-C16	5.801	8.405	3368887	18.124	300	ug/ml
Aromatic C16-C21	8.406	12.669	4515909	26.639	500	ug/ml
Aromatic C21-C36	12.670	18.077	6416442	45.317	800	ug/ml
Aromatic EPH	4.083	18.077	14999733	93.753		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	5589681	31.46		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	9288209	55.14		ug/ml
2-Fluorobiphenyl (SURR)	8.211	8.211	6014948	58.22		ug/ml