

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-02	SDG No.:	P5299
Lab Sample ID:	P5299-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FD048904.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	0.38	U	0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.58	J	0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.28	J	1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.52	U	2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.5		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.7		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.3		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-04	Acq On:	20 Dec 2024 15:12
Client Sample ID:	SB-02	Operator:	YP/AJ
Data file:	FD048904.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	615796	3.237	200	ug/ml
Aromatic C12-C16	5.801	8.405	1285626	6.916	300	ug/ml
Aromatic C16-C21	8.406	12.669	2588566	15.27	500	ug/ml
Aromatic C21-C36	12.670	18.077	3570248	25.216	800	ug/ml
Aromatic EPH	4.083	18.077	8060236	50.639		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	5200786	29.27		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	7667113	45.52		ug/ml
2-Fluorobiphenyl (SURR)	8.210	8.210	4932050	47.74		ug/ml