

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-TOP	SDG No.:	P4397
Lab Sample ID:	P4397-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	63.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048521.D	1	10/14/24	10/15/24	PB164109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	1.78		0.47	1.05	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.5		0.54	1.58	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.8		1.51	2.63	mg/kg
Aromatic C21-C36	Aromatic C21-C36	19.0		3.15	4.20	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.0		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.5		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.4		40 - 140	47%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4397-01	Acq On:	15 Oct 2024 11:10
Client Sample ID:	WB-301-TOP	Operator:	YP/AJ
Data file:	FD048521.D	Misc:	
Instrument:	FID_D	ALS Vial:	86
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.099	5.817	3070502	16.966	200	ug/ml
Aromatic C12-C16	5.818	8.424	18955424	99.768	300	ug/ml
Aromatic C16-C21	8.425	12.687	35415835	198.155	500	ug/ml
Aromatic C21-C36	12.688	18.094	29960397	181.182	800	ug/ml
Aromatic EPH	4.099	18.094	87402158	496.07		ug/ml
2-Bromonaphthalene (SURRE)	7.377	7.377	8119618	49.04		ug/ml
2-Fluorobiphenyl (SURRE)	8.227	8.227	5233558	50.47		ug/ml
ortho-Terphenyl (SURRE)	11.264	11.264	4301929	23.38		ug/ml