

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-301-BOTMS	SDG No.:	P4397
Lab Sample ID:	P4397-02MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	76
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048512.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	6.16		0.39	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.6		0.45	1.31	mg/kg
Aromatic C16-C21	Aromatic C16-C21	21.3		1.26	2.19	mg/kg
Aromatic C21-C36	Aromatic C21-C36	31.2		2.63	3.50	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.0		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.4		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.0		40 - 140	60%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4397-02MS	Acq On:	15 Oct 2024 05:35
Client Sample ID:	WB-301-BOTMS	Operator:	YP/AJ
Data file:	FD048512.D	Misc:	
Instrument:	FID_D	ALS Vial:	79
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.099	5.817	12720619	70.286	200	ug/ml
Aromatic C12-C16	5.818	8.424	22956118	120.825	300	ug/ml
Aromatic C16-C21	8.425	12.687	43396413	242.807	500	ug/ml
Aromatic C21-C36	12.688	18.094	58837933	355.816	800	ug/ml
Aromatic EPH	4.099	18.094	137911083	789.733		ug/ml
ortho-Terphenyl (SURR)	11.264	11.264	5525403	30.03		ug/ml
2-Bromonaphthalene (SURR)	7.378	7.378	7777959	46.98		ug/ml
2-Fluorobiphenyl (SURR)	8.228	8.228	5123618	49.41		ug/ml