

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-301-BOTMSD	SDG No.:	P4397
Lab Sample ID:	P4397-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	76
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048513.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	5.71		0.39	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.79		0.45	1.31	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.8		1.26	2.19	mg/kg
Aromatic C21-C36	Aromatic C21-C36	28.9		2.63	3.50	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.8		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.0		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.0		40 - 140	56%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4397-02MSD	Acq On:	15 Oct 2024 06:12
Client Sample ID:	WB-301-BOTMSD	Operator:	YP/AJ
Data file:	FD048513.D	Misc:	
Instrument:	FID_D	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.099	5.817	11806948	65.237	200	ug/ml
Aromatic C12-C16	5.818	8.424	21236976	111.776	300	ug/ml
Aromatic C16-C21	8.425	12.687	40472826	226.449	500	ug/ml
Aromatic C21-C36	12.688	18.094	54588575	330.118	800	ug/ml
Aromatic EPH	4.099	18.094	128105325	733.581		ug/ml
2-Bromonaphthalene (SURR)	7.377	7.377	7244608	43.76		ug/ml
2-Fluorobiphenyl (SURR)	8.228	8.228	4767531	45.97		ug/ml
ortho-Terphenyl (SURR)	11.263	11.263	5147288	27.97		ug/ml