

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-BOT	SDG No.:	P4397
Lab Sample ID:	P4397-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	76
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048510.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	0.39	U	0.39	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.51	J	0.45	1.31	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.89	J	1.26	2.19	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.63	U	2.63	3.50	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	39.5		40 - 140	79%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.3		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4397-02	Acq On:	15 Oct 2024 04:22
Client Sample ID:	WB-301-BOT	Operator:	YP/AJ
Data file:	FD048510.D	Misc:	
Instrument:	FID_D	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.099	5.817	260104	1.437	200	ug/ml
Aromatic C12-C16	5.818	8.424	1095525	5.766	300	ug/ml
Aromatic C16-C21	8.425	12.687	3861500	21.605	500	ug/ml
Aromatic C21-C36	12.688	18.094	2496884	15.1	800	ug/ml
Aromatic EPH	4.099	18.094	7714013	43.908		ug/ml
2-Bromonaphthalene (SURR)	7.374	7.374	6535426	39.47		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	4406588	42.49		ug/ml
ortho-Terphenyl (SURR)	11.261	11.261	4470809	24.3		ug/ml