

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-TOP-1	SDG No.:	P4578
Lab Sample ID:	P4578-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	58.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048627.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.51	U	0.51	1.13	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.58	U	0.58	1.70	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.63	U	1.63	2.83	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.40	U	3.40	4.53	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.1		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	57.1		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.2		40 - 140	48%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4578-04	Acq On:	30 Oct 2024 19:54
Client Sample ID:	WB-305-TOP-1	Operator:	YP/AJ
Data file:	FD048627.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	270650	1.536	200	ug/ml
Aromatic C12-C16	5.813	8.417	303924	1.714	300	ug/ml
Aromatic C16-C21	8.418	12.679	2138542	13.053	500	ug/ml
Aromatic C21-C36	12.680	18.085	1695863	11.105	800	ug/ml
Aromatic EPH	4.094	18.085	4408979	27.409		ug/ml
2-Bromonaphthalene (SURRE)	7.372	7.372	8509675	56.07		ug/ml
2-Fluorobiphenyl (SURRE)	8.221	8.221	5606681	57.1		ug/ml
ortho-Terphenyl (SURRE)	11.256	11.256	4117839	24.17		ug/ml