

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-305-BOTMSD	SDG No.:	P4578
Lab Sample ID:	P4578-05MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048631.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	4.11		0.36	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.62		0.41	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.7		1.17	2.02	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.7		2.43	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.9		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.9		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.2		40 - 140	68%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4578-05MSD	Acq On:	30 Oct 2024 22:20
Client Sample ID:	WB-305-BOTMSD	Operator:	YP/AJ
Data file:	FD048631.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	8942128	50.749	200	ug/ml
Aromatic C12-C16	5.813	8.417	21080162	118.913	300	ug/ml
Aromatic C16-C21	8.418	12.679	37877596	231.197	500	ug/ml
Aromatic C21-C36	12.680	18.085	56012445	366.782	800	ug/ml
Aromatic EPH	4.094	18.085	123912331	767.641		ug/ml
2-Bromonaphthalene (SURR)	7.373	7.373	7428124	48.94		ug/ml
2-Fluorobiphenyl (SURR)	8.222	8.222	4605008	46.9		ug/ml
ortho-Terphenyl (SURR)	11.258	11.258	5828387	34.22		ug/ml