

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BL	SDG No.:	P4471
Lab Sample ID:	PB164309BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048548.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.30	U	0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.34	U	0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.96	U	0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.00	U	2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.5		40 - 140	93%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.3		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.5		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164309BL	Acq On:	23 Oct 2024 01:18
Client Sample ID:	PB164309BL	Operator:	YP/AJ
Data file:	FD048548.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	0	0	200	ug/ml
Aromatic C12-C16	5.815	8.420	0	0	300	ug/ml
Aromatic C16-C21	8.421	12.681	0	0	500	ug/ml
Aromatic C21-C36	12.682	18.086	0	0	800	ug/ml
Aromatic EPH	4.096	18.086	0	0		ug/ml
ortho-Terphenyl (SURR)	11.259	11.259	7455289	40.52		ug/ml
2-Bromonaphthalene (SURR)	7.372	7.372	7693093	46.46		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4279022	41.26		ug/ml