

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/19/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/21/24
Client Sample ID:	B-180-SB01	SDG No.:	P4471
Lab Sample ID:	P4471-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048557.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	0.36	U	0.36	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	J	0.41	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.76		1.16	2.01	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.55		2.41	3.22	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.4		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.0		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.1		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4471-01	Acq On:	23 Oct 2024 06:40
Client Sample ID:	B-180-SB01	Operator:	YP/AJ
Data file:	FD048557.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	494345	2.731	200	ug/ml
Aromatic C12-C16	5.815	8.420	973630	5.124	300	ug/ml
Aromatic C16-C21	8.421	12.681	12793379	71.58	500	ug/ml
Aromatic C21-C36	12.682	18.086	7295096	44.116	800	ug/ml
Aromatic EPH	4.096	18.086	21556450	123.552		ug/ml
ortho-Terphenyl (SURR)	11.260	11.260	7187892	39.07		ug/ml
2-Bromonaphthalene (SURR)	7.375	7.375	7508532	45.35		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	4973975	47.96		ug/ml