

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-307-SB01MSD	SDG No.:	P4718
Lab Sample ID:	P4718-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048679.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	7.47		0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	17.1		0.44	1.28	mg/kg
Aromatic C16-C21	Aromatic C16-C21	26.6		1.23	2.13	mg/kg
Aromatic C21-C36	Aromatic C21-C36	43.0		2.56	3.42	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.3		40 - 140	119%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.1		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4718-01MSD	Acq On:	08 Nov 2024 19:57
Client Sample ID:	WB-307-SB01MSD	Operator:	YP/AJ
Data file:	FD048679.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	15414686	87.483	200	ug/ml
Aromatic C12-C16	5.811	8.415	35557900	200.582	300	ug/ml
Aromatic C16-C21	8.416	12.678	51037520	311.522	500	ug/ml
Aromatic C21-C36	12.679	18.083	76903750	503.583	800	ug/ml
Aromatic EPH	4.092	18.083	178913856	1100		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5919615	34.75		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	9006133	59.34		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	5315948	54.14		ug/ml