

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/04/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/05/24
Client Sample ID:	WB-307-SB02	SDG No.:	P4718
Lab Sample ID:	P4718-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.6
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
FD048680.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	0.39	U	0.39	0.86	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.47	J	0.44	1.29	mg/kg
Aromatic C16-C21	Aromatic C16-C21	4.38		1.24	2.15	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.58	U	2.58	3.44	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.7		40 - 140	93%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.9		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.3		40 - 140	55%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4718-02	Acq On:	08 Nov 2024 20:33
Client Sample ID:	WB-307-SB02	Operator:	YP/AJ
Data file:	FD048680.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	631885	3.586	200	ug/ml
Aromatic C12-C16	5.811	8.415	970946	5.477	300	ug/ml
Aromatic C16-C21	8.416	12.678	8348133	50.955	500	ug/ml
Aromatic C21-C36	12.679	18.083	3081630	20.179	800	ug/ml
Aromatic EPH	4.092	18.083	13032594	80.198		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	4649411	27.29		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	7093904	46.74		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	4606055	46.91		ug/ml