

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/20/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/21/24
Client Sample ID:	B-180-SB02	SDG No.:	P4471
Lab Sample ID:	P4471-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	49.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048558.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	0.61	U	0.61	1.35	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.69	U	0.69	2.03	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.41		1.95	3.38	mg/kg
Aromatic C21-C36	Aromatic C21-C36	14.6		4.06	5.41	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.3		40 - 140	85%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.2		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.1		40 - 140	42%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4471-02	Acq On:	23 Oct 2024 07:17
Client Sample ID:	B-180-SB02	Operator:	YP/AJ
Data file:	FD048558.D	Misc:	
Instrument:	FID_D	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	746153	4.123	200	ug/ml
Aromatic C12-C16	5.815	8.420	830222	4.37	300	ug/ml
Aromatic C16-C21	8.421	12.681	7153000	40.022	500	ug/ml
Aromatic C21-C36	12.682	18.086	17797857	107.63	800	ug/ml
Aromatic EPH	4.096	18.086	26527232	156.145		ug/ml
ortho-Terphenyl (SURR)	11.257	11.257	3878838	21.08		ug/ml
2-Bromonaphthalene (SURR)	7.374	7.374	7008961	42.33		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	4682999	45.16		ug/ml