

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOT	SDG No.:	P4460
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048553.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	6.30		0.37	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.32		0.42	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.86		1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	6.83		2.49	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.4		40 - 140	87%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4460-03	Acq On:	23 Oct 2024 04:16
Client Sample ID:	WB-303-BOT	Operator:	YP/AJ
Data file:	FD048553.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	13713706	75.773	200	ug/ml
Aromatic C12-C16	5.815	8.420	14462543	76.121	300	ug/ml
Aromatic C16-C21	8.421	12.681	8296940	46.422	500	ug/ml
Aromatic C21-C36	12.682	18.086	13583618	82.145	800	ug/ml
Aromatic EPH	4.096	18.086	50056807	280.461		ug/ml
ortho-Terphenyl (SURR)	11.260	11.260	5458641	29.67		ug/ml
2-Bromonaphthalene (SURR)	7.375	7.375	7189130	43.42		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	4564356	44.01		ug/ml