

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167513BS	SDG No.:	Q1744
Lab Sample ID:	PB167513BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/08/25 10:10	04/10/25 22:14	PB167513

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.72		1	0.14	1.00	mg/kg FC068561.D
Aliphatic C12-C16	Aliphatic C12-C16	5.43		1	0.11	0.67	mg/kg FC068561.D
Aliphatic C16-C21	Aliphatic C16-C21	9.70		1	0.13	1.00	mg/kg FC068561.D
Aliphatic C21-C28	Aliphatic C21-C28	13.1		1	0.53	1.33	mg/kg FC068561.D
Aliphatic C28-C40	Aliphatic C28-C40	19.1		1	1.18	2.00	mg/kg FC068561.D
Aromatic C10-C12	Aromatic C10-C12	4.16		1	0.12	0.67	mg/kg FD049270.D
Aromatic C12-C16	Aromatic C12-C16	7.05		1	0.23	1.00	mg/kg FD049270.D
Aromatic C16-C21	Aromatic C16-C21	15.0		1	0.40	1.67	mg/kg FD049270.D
Aromatic C21-C36	Aromatic C21-C36	26.7		1	1.19	2.66	mg/kg FD049270.D
Total AliphaticEPH	Total AliphaticEPH	53.0			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	52.9			1.94	6.00	mg/kg
Total EPH	Total EPH	106			4.03	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068561.D	1	04/08/25	04/10/25	PB167513

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Aliphatic C9-C12	Aliphatic C9-C12	5.72		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.43		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.70		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.1		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167513BS	Acq On:	10 Apr 2025 22:14
Client Sample ID:	PB167513BS	Operator:	YP/AJ
Data file:	FC068561.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.345	6.644	9042394	85.887	300	ug/ml
Aliphatic C12-C16	6.645	10.043	8338947	81.497	200	ug/ml
Aliphatic C16-C21	10.044	13.409	14390551	145.629	300	ug/ml
Aliphatic C21-C28	13.410	17.073	18583668	197.31	400	ug/ml
Aliphatic C28-C40	17.074	22.075	25756434	286.556	600	ug/ml
Aliphatic EPH	3.345	22.075	76111994	796.878		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.144	13.144	3476251	37.42		ug/ml
Aliphatic C9-C28	3.345	17.073	50355560	510.323	1200	ug/ml