

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 :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 20:33	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.49	U	1	0.49	1.29	mg/kg	FC067677.D
Aliphatic C12-C16	Aliphatic C12-C16	0.64	J	1	0.31	0.86	mg/kg	FC067677.D
Aliphatic C16-C21	Aliphatic C16-C21	0.57	J	1	0.39	1.29	mg/kg	FC067677.D
Aliphatic C21-C28	Aliphatic C21-C28	1.03	U	1	1.03	1.72	mg/kg	FC067677.D
Aliphatic C28-C40	Aliphatic C28-C40	3.42		1	2.32	2.58	mg/kg	FC067677.D
Aromatic C10-C12	Aromatic C10-C12	0.39	U	1	0.39	0.86	mg/kg	FD048680.D
Aromatic C12-C16	Aromatic C12-C16	0.47	J	1	0.44	1.29	mg/kg	FD048680.D
Aromatic C16-C21	Aromatic C16-C21	4.38		1	1.24	2.15	mg/kg	FD048680.D
Aromatic C21-C36	Aromatic C21-C36	2.58	U	1	2.58	3.44	mg/kg	FD048680.D
Total AliphaticEPH	Total AliphaticEPH	4.62	J		4.54	7.74	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.85	J		4.64	7.74	mg/kg	
Total EPH	Total EPH	9.47	J		9.18	15.5	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

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067677.D	1	11/08/24	11/08/24	PB164790

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic 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:	FC067677.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	646558	4.773	300	ug/ml
Aliphatic C12-C16	6.451	9.841	973014	7.389	200	ug/ml
Aliphatic C16-C21	9.842	13.199	838042	6.587	300	ug/ml
Aliphatic C21-C28	13.200	16.853	712818	5.936	400	ug/ml
Aliphatic C28-C40	16.854	21.698	4020788	39.773	600	ug/ml
Aliphatic EPH	3.171	21.698	7191220	64.457		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	3231090	29.92		ug/ml
Aliphatic C9-C28	3.171	16.853	3170432	24.685	1200	ug/ml