

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-SW	SDG No.:	P4718
Lab Sample ID:	P4718-04	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/09/24 08:38	11/11/24 17:10	PB164847

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.94	U	1	5.94	30.9	ug/l	FC067697.D
Aliphatic C12-C16	Aliphatic C12-C16	3.72	U	1	3.72	20.6	ug/l	FC067697.D
Aliphatic C16-C21	Aliphatic C16-C21	5.30	U	1	5.30	30.9	ug/l	FC067697.D
Aliphatic C21-C28	Aliphatic C21-C28	9.25	U	1	9.25	41.2	ug/l	FC067697.D
Aliphatic C28-C40	Aliphatic C28-C40	17.5	U	1	17.5	61.9	ug/l	FC067697.D
Aromatic C10-C12	Aromatic C10-C12	5.65	J	1	3.42	20.6	ug/l	FD048701.D
Aromatic C12-C16	Aromatic C12-C16	3.80	U	1	3.80	30.9	ug/l	FD048701.D
Aromatic C16-C21	Aromatic C16-C21	29.1	J	1	13.1	51.5	ug/l	FD048701.D
Aromatic C21-C36	Aromatic C21-C36	37.7	J	1	26.0	82.5	ug/l	FD048701.D
Total AliphaticEPH	Total AliphaticEPH	41.7	U		41.7	186	ug/l	
Total AromaticEPH	Total AromaticEPH	72.5	J		46.3	186	ug/l	
Total EPH	Total EPH	88.0	U		88.0	371	ug/l	

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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067697.D	1	11/09/24	11/11/24	PB164847

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.8		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4718-04	Acq On:	11 Nov 2024 17:10
Client Sample ID:	WB-307-SW	Operator:	YP/AJ
Data file:	FC067697.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	120461	0.889	300	ug/ml
Aliphatic C12-C16	6.451	9.840	77247	0.587	200	ug/ml
Aliphatic C16-C21	9.841	13.198	96418	0.758	300	ug/ml
Aliphatic C21-C28	13.199	16.853	0	0	400	ug/ml
Aliphatic C28-C40	16.854	21.695	233456	2.309	600	ug/ml
Aliphatic EPH	3.170	21.695	527582	4.543		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	5378094	49.8		ug/ml
Aliphatic C9-C28	3.170	16.853	294126	2.234	1200	ug/ml