

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 905		Date Received:		
Client Sample ID:	PB166883BS		SDG No.:	Q1421	
Lab Sample ID:	PB166883BS		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

Prep Date :	Date Analyzed :	Prep Batch ID
02/26/25 08:00	02/27/25 11:02	PB166883

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	195		1	8.28	30.0	ug/l	FC068307.D
Aliphatic C12-C16	Aliphatic C12-C16	179		1	13.5	20.0	ug/l	FC068307.D
Aliphatic C16-C21	Aliphatic C16-C21	306		1	8.34	30.0	ug/l	FC068307.D
Aliphatic C21-C28	Aliphatic C21-C28	416		1	12.5	40.0	ug/l	FC068307.D
Aliphatic C28-C40	Aliphatic C28-C40	688		1	23.8	60.0	ug/l	FC068307.D
Aromatic C10-C12	Aromatic C10-C12	205		1	3.32	20.0	ug/l	FD049116.D
Aromatic C12-C16	Aromatic C12-C16	352		1	3.69	30.0	ug/l	FD049116.D
Aromatic C16-C21	Aromatic C16-C21	679		1	12.7	50.0	ug/l	FD049116.D
Aromatic C21-C36	Aromatic C21-C36	1070		1	25.2	80.0	ug/l	FD049116.D
Total AliphaticEPH	Total AliphaticEPH	1780			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2300			44.9	180	ug/l	
Total EPH	Total EPH	4090			111	360	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

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068307.D	1	02/26/25	02/27/25	PB166883

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	195		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	179		13.5	20.0	ug/l
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Aliphatic C21-C28	Aliphatic C21-C28	416		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	688		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.5		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166883BS	Acq On:	27 Feb 2025 11:02
Client Sample ID:	PB166883BS	Operator:	YP/AJ
Data file:	FC068307.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.370	13819500	97.986	300	ug/ml
Aliphatic C12-C16	6.371	9.754	12247337	89.623	200	ug/ml
Aliphatic C16-C21	9.755	13.108	20168700	153.222	300	ug/ml
Aliphatic C21-C28	13.109	16.762	25554244	208.281	400	ug/ml
Aliphatic C28-C40	16.763	21.566	35379735	344.005	600	ug/ml
Aliphatic EPH	3.104	21.566	107169516	893.116		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.842	12.842	4552150	40.47		ug/ml
Aliphatic C9-C28	3.104	16.762	71789781	549.112	1200	ug/ml