

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-08	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
04/01/25 08:13	04/01/25 19:51	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.49	J	1	8.28	30.0	ug/l	FC068475.D
Aliphatic C12-C16	Aliphatic C12-C16	24.8		1	13.5	20.0	ug/l	FC068475.D
Aliphatic C16-C21	Aliphatic C16-C21	13.0	J	1	8.34	30.0	ug/l	FC068475.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068475.D
Aliphatic C28-C40	Aliphatic C28-C40	39.4	J	1	23.8	60.0	ug/l	FC068475.D
Aromatic C10-C12	Aromatic C10-C12	11.7	J	1	2.07	20.0	ug/l	FG015601.D
Aromatic C12-C16	Aromatic C12-C16	22.9	J	1	4.26	30.0	ug/l	FG015601.D
Aromatic C16-C21	Aromatic C16-C21	57.3		1	8.27	50.0	ug/l	FG015601.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015601.D
Total AliphaticEPH	Total AliphaticEPH	85.7	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	91.9	J		38.4	180	ug/l	
Total EPH	Total EPH	178	J		105	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068475.D	1	04/01/25	04/01/25	PB167402

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.49	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	24.8		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	13.0	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	39.4	J	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-08	Acq On:	01 Apr 2025 19:51
Client Sample ID:	P001-BBDGA-001-02	Operator:	YP/AJ
Data file:	FC068475.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	688918	4.244	300	ug/ml
Aliphatic C12-C16	6.360	9.742	2087736	12.413	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1112234	6.485	300	ug/ml
Aliphatic C21-C28	13.097	16.749	1001665	5.932	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2680734	19.686	600	ug/ml
Aliphatic EPH	3.097	21.544	7571287	48.76		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	6402050	42.95		ug/ml
Aliphatic C9-C28	3.097	16.749	4890553	29.074	1200	ug/ml