

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MS		SDG No.:	Q3179	
Lab Sample ID:	Q3179-02		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				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016477.D	1	09/29/25	09/29/25	PB169879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	222		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	422		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	656		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	948		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.6		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.7		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.4		40 - 140	99%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3179-02	Acq On:	29 Sep 2025 20:03
Client Sample ID:	EME-TS14-01MS	Operator:	YP\AJ
Data file:	FF016477.D	Misc:	
Instrument:	FID_F	ALS Vial:	88
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.397	15944293	111.248	200	ug/ml
Aromatic C12-C16	6.398	9.101	30698570	211.443	300	ug/ml
Aromatic C16-C21	9.102	13.420	47340767	328.361	500	ug/ml
Aromatic C21-C36	13.421	18.876	62055378	474.306	800	ug/ml
Aromatic EPH	4.521	18.876	156039008	1130		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	7536987	49.44		ug/ml
2-Bromonaphthalene (SURR)	8.028	8.028	6335476	50.58		ug/ml
2-Fluorobiphenyl (SURR)	8.903	8.903	3854619	45.7		ug/ml