

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BSD		SDG No.:	Q3584
Lab Sample ID:	PB170496BSD		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:
Prep Method :	SW3510	Prep Date	11/12/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	145	1		2.07	20.0	ug/l	11/18/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	238	1		4.26	30.0	ug/l	11/18/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	456	1		8.27	50.0	ug/l	11/18/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	801	1		23.8	80.0	ug/l	11/18/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	50.3			40 - 140	101%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	54.0			40 - 140	108%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.6			40 - 140	79%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BSD	Acq On:	18 Nov 2025 15:46
Client Sample ID:	PB170496BSD	Operator:	YP\AJ
Data file:	FF016735.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.487	6.366	9599298	72.742	200	ug/ml
Aromatic C12-C16	6.367	9.073	16110948	119.193	300	ug/ml
Aromatic C16-C21	9.074	13.397	30556735	228.473	500	ug/ml
Aromatic C21-C36	13.398	18.864	47156118	400.762	800	ug/ml
Aromatic EPH	4.487	18.864	103423099	821.17		ug/ml
ortho-Terphenyl (SURR)	11.949	11.949	5821722	39.64		ug/ml
2-Bromonaphthalene (SURR)	8.003	8.003	5698320	50.28		ug/ml
2-Fluorobiphenyl (SURR)	8.880	8.880	3850300	53.99		ug/ml