

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-003	SDG No.:	P4860
Lab Sample ID:	P4860-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048773.D	1	11/16/24	11/19/24	PB165032

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.68	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.48	J	0.35	1.02	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.49	J	0.98	1.70	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.19	J	2.04	2.72	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.0		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.3		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.0		40 - 140	44%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4860-04	Acq On:	19 Nov 2024 02:45
Client Sample ID:	PH2-BOT-003	Operator:	YP/AJ
Data file:	FD048773.D	Misc:	
Instrument:	FID_D	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	817925	4.26	200	ug/ml
Aromatic C12-C16	5.806	8.411	1348810	7.008	300	ug/ml
Aromatic C16-C21	8.412	12.674	4069702	21.903	500	ug/ml
Aromatic C21-C36	12.675	18.081	5077518	32.293	800	ug/ml
Aromatic EPH	4.088	18.081	11313955	65.464		ug/ml
2-Bromonaphthalene (SURRE)	7.364	7.364	8633724	49.04		ug/ml
2-Fluorobiphenyl (SURRE)	8.214	8.214	5678166	49.3		ug/ml
ortho-Terphenyl (SURRE)	11.248	11.248	4231467	22		ug/ml