

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-002	SDG No.:	P4860
Lab Sample ID:	P4860-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048772.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	0.69	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.52		0.35	1.03	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.68	J	0.99	1.72	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.83		2.07	2.76	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.8		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	40.6		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.6		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4860-03	Acq On:	19 Nov 2024 00:53
Client Sample ID:	PH2-BOT-002	Operator:	YP/AJ
Data file:	FD048772.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	769634	4.008	200	ug/ml
Aromatic C12-C16	5.806	8.411	9816182	51.004	300	ug/ml
Aromatic C16-C21	8.412	12.674	4525079	24.354	500	ug/ml
Aromatic C21-C36	12.675	18.081	11004983	69.992	800	ug/ml
Aromatic EPH	4.088	18.081	26115878	149.359		ug/ml
2-Bromonaphthalene (SURR)	7.366	7.366	8231045	46.75		ug/ml
2-Fluorobiphenyl (SURR)	8.216	8.216	4676660	40.61		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	7416251	38.56		ug/ml