

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-009	SDG No.:	P4860
Lab Sample ID:	P4860-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	98.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048774.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	3.33		0.35	1.02	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.81		0.98	1.69	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.37	J	2.03	2.71	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.2		40 - 140	90%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.6		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.7		40 - 140	55%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4860-06	Acq On:	19 Nov 2024 07:59
Client Sample ID:	PH2-BOT-009	Operator:	YP/AJ
Data file:	FD048774.D	Misc:	
Instrument:	FID_D	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	581029	3.026	200	ug/ml
Aromatic C12-C16	5.806	8.411	9459202	49.149	300	ug/ml
Aromatic C16-C21	8.412	12.674	4976646	26.784	500	ug/ml
Aromatic C21-C36	12.675	18.081	5510457	35.047	800	ug/ml
Aromatic EPH	4.088	18.081	20527334	114.006		ug/ml
ortho-Terphenyl (SURR)	11.250	11.250	5331881	27.72		ug/ml
2-Bromonaphthalene (SURR)	7.363	7.363	7952476	45.17		ug/ml
2-Fluorobiphenyl (SURR)	8.213	8.213	5023359	43.62		ug/ml