

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-URBAN-FILL-B2	SDG No.:	Q2580
Lab Sample ID:	Q2580-02	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	94.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037490.D	10	07/14/25 09:20	07/14/25 14:21	PB168831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.95		0.012	0.035	mg/Kg
91-57-6	2-Methylnaphthalene	0.26		0.013	0.035	mg/Kg
208-96-8	Acenaphthylene	0.37		0.011	0.035	mg/Kg
83-32-9	Acenaphthene	0.84		0.012	0.035	mg/Kg
86-73-7	Fluorene	0.76		0.012	0.035	mg/Kg
85-01-8	Phenanthrene	5.80	E	0.012	0.035	mg/Kg
120-12-7	Anthracene	1.80	E	0.013	0.035	mg/Kg
206-44-0	Fluoranthene	5.50	E	0.013	0.035	mg/Kg
129-00-0	Pyrene	4.20	E	0.011	0.035	mg/Kg
56-55-3	Benzo(a)anthracene	2.50	E	0.014	0.035	mg/Kg
218-01-9	Chrysene	1.80	E	0.015	0.035	mg/Kg
205-99-2	Benzo(b)fluoranthene	2.30	E	0.017	0.035	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.83		0.019	0.035	mg/Kg
50-32-8	Benzo(a)pyrene	2.20	E	0.015	0.035	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.20		0.019	0.035	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.36		0.019	0.035	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.60		0.018	0.035	mg/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (17) - 150 (161)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (23) - 150 (138)	95%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		30 (33) - 130 (121)	97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (32) - 130 (121)	75%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (21) - 130 (130)	117%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2050	7.731			
1146-65-2	Naphthalene-d8	5270	10.509			
15067-26-2	Acenaphthene-d10	2640	14.355			
1517-22-2	Phenanthrene-d10	4760	17.099			
1719-03-5	Chrysene-d12	4630	21.286			

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1520-96-3	Perylene-d12	4960	23.528			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products