

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	04/21/25
Project:	NJ Soil PT		Date Received:	04/24/25
Client Sample ID:	HW0425-PT-BNA-SOILDL		SDG No.:	Q1872
Lab Sample ID:	Q1872-11DL		Matrix:	SOIL
Analytical Method:	SW8270ESIM		% Solid:	100
Sample Wt/Vol:	30.21	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
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
BN036995.D	50	05/08/25 10:03	05/13/25 14:20	PB167915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
62-75-9	n-Nitrosodimethylamine	87.4	UD	87.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	4200	D	55.1	160	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	210	330	ug/Kg
118-74-1	Hexachlorobenzene	48.7	UD	48.7	160	ug/Kg
87-86-5	Pentachlorophenol	2500	D	160	330	ug/Kg
123-91-1	1,4-Dioxane	78.0	UD	78.0	330	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0	*	17 - 161	0%	SPK: 100
93951-69-0	Fluoranthene-d10	0	*	23 - 138	0%	SPK: 100
367-12-4	2-Fluorophenol	80.3		28 - 122	54%	SPK: 150
13127-88-3	Phenol-d6	85.8		25 - 125	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.9		33 - 121	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.0		32 - 121	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.1		19 - 110	53%	SPK: 150
1718-51-0	Terphenyl-d14	64.4		21 - 130	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2130		7.618		
1146-65-2	Naphthalene-d8	5890		10.404		
15067-26-2	Acenaphthene-d10	3340		14.266		
1517-22-2	Phenanthrene-d10	6540		17.009		
1719-03-5	Chrysene-d12	5790		21.206		
1520-96-3	Perylene-d12	5500		23.412		

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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