

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	05/01/25
Project:	NJ Soil PT		Date Received:	05/01/25
Client Sample ID:	GB2BMS		SDG No.:	Q1872
Lab Sample ID:	Q1939-04MS		Matrix:	SOIL
Analytical Method:	SW8270ESIM		% Solid:	85.4
Sample Wt/Vol:	30.02	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
BN036975.D	1	05/08/25 10:03	05/08/25 16:16	PB167915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
62-75-9	n-Nitrosodimethylamine	16.7		2.10	7.70	ug/Kg
87-68-3	Hexachlorobutadiene	14.5		1.30	3.90	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	12.6		4.90	7.70	ug/Kg
118-74-1	Hexachlorobenzene	13.3		1.10	3.90	ug/Kg
87-86-5	Pentachlorophenol	12.2		3.80	7.70	ug/Kg
123-91-1	1,4-Dioxane	13.2		1.80	7.70	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.22		17 - 161	55%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.23		23 - 138	57%	SPK: 0.4
367-12-4	2-Fluorophenol	0.23		28 - 122	58%	SPK: 0.4
13127-88-3	Phenol-d6	0.24		25 - 125	60%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.22		33 - 121	55%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.19		32 - 121	49%	SPK: 0.4
118-79-6	2,4,6-Tribromophenol	0.22		19 - 110	56%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.20		21 - 130	50%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1700		7.625		
1146-65-2	Naphthalene-d8	4360		10.404		
15067-26-2	Acenaphthene-d10	2390		14.277		
1517-22-2	Phenanthrene-d10	5060		17.021		
1719-03-5	Chrysene-d12	4470		21.215		
1520-96-3	Perylene-d12	4300		23.424		

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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