

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB167915BS		SDG No.:	Q1872	
Lab Sample ID:	PB167915BS		Matrix:	SOIL	
Analytical Method:	SW8270ESIM		% Solid:	100	
Sample Wt/Vol:	30.01	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
BN036979.D	1	05/08/25 10:03	05/08/25 18:41	PB167915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
62-75-9	n-Nitrosodimethylamine	12.0		1.80	6.60	ug/Kg
87-68-3	Hexachlorobutadiene	12.7		1.10	3.30	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	9.00		4.20	6.60	ug/Kg
118-74-1	Hexachlorobenzene	12.0		0.98	3.30	ug/Kg
87-86-5	Pentachlorophenol	14.3		3.20	6.60	ug/Kg
123-91-1	1,4-Dioxane	10.0		1.60	6.60	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.51		17 - 161	127%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		23 - 138	90%	SPK: 0.4
367-12-4	2-Fluorophenol	0.39		28 - 122	97%	SPK: 0.4
13127-88-3	Phenol-d6	0.39		25 - 125	97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		33 - 121	88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		32 - 121	88%	SPK: 0.4
118-79-6	2,4,6-Tribromophenol	0.29		19 - 110	72%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		21 - 130	90%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2490		7.626		
1146-65-2	Naphthalene-d8	6670		10.404		
15067-26-2	Acenaphthene-d10	3770		14.277		
1517-22-2	Phenanthrene-d10	7640		17.021		
1719-03-5	Chrysene-d12	6260		21.216		
1520-96-3	Perylene-d12	5500		23.421		

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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