

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:	8270E		% Solid:	100
Sample Wt/Vol:	30.21	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BP024630.D	5	05/08/25 09:15	05/14/25 17:56	PB167904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
62-75-9	n-Nitrosodimethylamine	170	UD	170	1600	ug/Kg
110-86-1	Pyridine	190	UD	190	840	ug/Kg
100-52-7	Benzaldehyde	770	UD	770	1600	ug/Kg
62-53-3	Aniline	250	UD	250	840	ug/Kg
108-95-2	Phenol	1800	D	110	840	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	UD	120	840	ug/Kg
95-57-8	2-Chlorophenol	1900	D	120	840	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000	D	96.3	840	ug/Kg
541-73-1	1,3-Dichlorobenzene	87.9	UD	87.9	840	ug/Kg
106-46-7	1,4-Dichlorobenzene	4200	D	90.9	840	ug/Kg
100-51-6	Benzyl Alcohol	240	UD	240	1600	ug/Kg
95-48-7	2-Methylphenol	150	UD	150	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	D	190	840	ug/Kg
98-86-2	Acetophenone	150	UD	150	840	ug/Kg
65794-96-9	3+4-Methylphenols	200	UD	200	1600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2600	D	240	400	ug/Kg
67-72-1	Hexachloroethane	3500	D	87.4	840	ug/Kg
98-95-3	Nitrobenzene	5100	D	90.9	840	ug/Kg
78-59-1	Isophorone	2800	D	160	840	ug/Kg
88-75-5	2-Nitrophenol	1900	D	290	840	ug/Kg
105-67-9	2,4-Dimethylphenol	320	UD	320	840	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	4100	D	150	840	ug/Kg
120-83-2	2,4-Dichlorophenol	140	UD	140	840	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	UD	110	840	ug/Kg
65-85-0	Benzoic acid	940	UD	940	1600	ug/Kg
91-20-3	Naphthalene	110	UD	110	840	ug/Kg
106-47-8	4-Chloroaniline	180	UD	180	840	ug/Kg
87-68-3	Hexachlorobutadiene	4300	DQ	130	840	ug/Kg
105-60-2	Caprolactam	260	UD	260	1600	ug/Kg

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59-50-7	4-Chloro-3-methylphenol	140	UD	140	840	ug/Kg
91-57-6	2-Methylnaphthalene	130	UD	130	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580	UDQ	580	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3400	D	98.3	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	UDQ	140	840	ug/Kg
92-52-4	1,1-Biphenyl	110	UD	110	840	ug/Kg
91-58-7	2-Chloronaphthalene	2200	D	110	840	ug/Kg
88-74-4	2-Nitroaniline	240	UD	240	840	ug/Kg
131-11-3	Dimethylphthalate	2600	D	130	840	ug/Kg
208-96-8	Acenaphthylene	650	JD	140	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	UD	170	840	ug/Kg
99-09-2	3-Nitroaniline	230	UD	230	840	ug/Kg
83-32-9	Acenaphthene	1600	D	110	840	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	UD	1100	1600	ug/Kg
100-02-7	4-Nitrophenol	4300	D	530	1600	ug/Kg
132-64-9	Dibenzofuran	2700	D	110	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	UD	250	840	ug/Kg
84-66-2	Diethylphthalate	4800	D	140	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	UD	130	840	ug/Kg
86-73-7	Fluorene	4500	D	130	840	ug/Kg
100-01-6	4-Nitroaniline	320	UD	320	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	510	UD	510	1600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	UD	160	840	ug/Kg
103-33-3	Azobenzene	140	UD	140	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600	DQ	140	840	ug/Kg
118-74-1	Hexachlorobenzene	130	UDQ	130	840	ug/Kg
1912-24-9	Atrazine	170	UD	170	840	ug/Kg
87-86-5	Pentachlorophenol	2900	DQ	250	1600	ug/Kg
85-01-8	Phenanthrene	100	UD	100	840	ug/Kg
120-12-7	Anthracene	1000	D	170	840	ug/Kg
86-74-8	Carbazole	3700	D	150	840	ug/Kg

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84-74-2	Di-n-butylphthalate	4300	D	240	840	ug/Kg
206-44-0	Fluoranthene	4500	D	150	840	ug/Kg
92-87-5	Benzidine	730	UDQ	730	1600	ug/Kg
129-00-0	Pyrene	180	UD	180	840	ug/Kg
85-68-7	Butylbenzylphthalate	350	UD	350	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	UD	180	1600	ug/Kg
56-55-3	Benzo(a)anthracene	110	UD	110	840	ug/Kg
218-01-9	Chrysene	1900	D	98.8	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5200	D	290	840	ug/Kg
117-84-0	Di-n-octyl phthalate	430	UD	430	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	D	94.3	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	UD	110	840	ug/Kg
50-32-8	Benzo(a)pyrene	910	D	150	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100	D	140	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	D	140	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400	D	130	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	UD	130	840	ug/Kg
123-91-1	1,4-Dioxane	220	UD	220	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3200	D	140	840	ug/Kg
90-12-0	1-Methylnaphthalene	130	UD	130	840	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.4		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	77.6		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.3		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.8		20 - 109	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.3		10 - 116	58%	SPK: 150
1718-51-0	Terphenyl-d14	56.3		10 - 105	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	7.663			
1146-65-2	Naphthalene-d8	541000	10.428			

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15067-26-2	Acenaphthene-d10	352000	14.287			
1517-22-2	Phenanthrene-d10	725000	17.086			
1719-03-5	Chrysene-d12	821000	21.521			
1520-96-3	Perylene-d12	961000	24.815			

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