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CASE NARRATIVE

Alliance Technical Group, LLC - Newark

Project Name: NJ Soil PT

Project # N/A

Order ID # Q3483

Test Name: SVOCMS Group5

A. Number of Samples and Date of Receipt:

25 Solid samples were received on 10/29/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group5. This data package contains results for SVOCMS Group5.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group5 was based on method 8270-Modified and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for PB170590BS [2-Fluorobiphenyl - 122%], marginally high therefore no corrective action was taken, and HW1025-PT-TRIAZINE-SOIL [2-Methylnaphthalene-d10 - 0%, Fluoranthene-d10 - 0%], HW1025-PT-TRIAZINE-SOILDL [2-Methylnaphthalene-d10 - 0% and Fluoranthene-d10 - 0%], Failed surrogate are not associated, Therefore no further corrective action was taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Sample HW1025-PT-TRIAZINE-SOIL was diluted due to high concentration.

E. Additional Comments:



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The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____