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CASE NARRATIVE

PARSONS Engineering of New York, Inc.

Project Name: Con Edison - East River Site 2

Project # N/A

Order ID # Q2592

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 07/11/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GG. The analysis of SVOCMS Group1 was based on method 8270E 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.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD met criteria .

The Blank Spike for {PB168854BS} with File ID: BF143119.D met requirements for all samples except for 4-Nitroaniline[106%], is failing high but no positive hit in associated samples therefore no corrective action taken.

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

The % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, and Di-n-octyl phthalate. These compounds are passing on Linear Regression and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, these Compounds are passing on Quadratic regression.



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The % RSD is greater than 20% in the Initial Calibration (8270-BP070325.M) for 2-Nitrophenol, 2-Nitroaniline, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, Butylbenzylphthalate, Di-n-octyl phthalate these compounds are passing on Linear Regression.

The Continuous Calibration File ID BP025155.D met the requirements except for 2,4-Dinitrophenol, 2-Nitrophenol, 3,3-Dichlorobenzidine, 4,6-Dinitro-2-methylphenol, Bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Hexachlorocyclopentadiene and 2,4,6-Tribromophenol are biased high therefore no corrective action was taken.

The Continuous Calibration File ID BP025187.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol, are biased high, and no positive hit in associated samples, therefore no corrective action was taken.

The Tuning criteria met requirements.

Sample WC-SOIL-20250711 analyzed with direct 5X dilution due to dirty, viscous and concentrated matrix.

E. Additional Comments:

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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____



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