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CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Ed Non-MGP - East River M0SF 454453
Project # N/A
Order ID # Q1993
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
9 Water samples were received on 05/09/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS 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 dfThe 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-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q1993-02MS} with File ID: BF142388.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[87%] and 1,4-Dioxane[35%] Recovery's are failing due to matrix interference , therefore no further corrective action was taken.

The MSD {Q1993-03MSD} with File ID: BF142389.D recoveries met the acceptable requirements except for 1,4-Dioxane[36%] . Recovery's are failing due to matrix interference, therefore no further corrective action was taken.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

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The % RSD is greater than 20% in the Initial Calibration (8270-BF050525.M) for 2-Nitrophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Butylbenzlphthalate, Bis(2-ethylhexyl)phthalate, Di-n-octyl phthalate these compound are passing on Linear Regression.

The % RSD is greater than 20% in the Initial Calibration (8270-BP051325.M) for 2,4-Dinitrophenol, 4-Nitrophenol these compound are passing on Linear Regression.

The Tuning criteria met requirements.

The Continuous Calibration File ID BF142336.D met the requirements except for 2,3,4,6-Tetrachlorophenol,2,4,5-Trichlorophenol,2,4,6-Trichlorophenol,2,4-Dichlorophenol,2,4-Dinitrotoluene,2,6-Dinitrotoluene,2-Nitroaniline,3,3-Dichlorobenzidine,3Nitroaniline,4Nitroaniline,4Nitrophenol,Atrazine,Caprolactam,Dinbutylphthalate,Hexachlorocyclopentadiene,Nitrobenzene,Pentachlorophenol,Phenol,2,4,6-Tribromophenol and Nitrobenzene-d5 . Associated sample has no hit for this compound; therefore no further corrective action was taken.

The Continuous Calibration File ID BF142384.D met the requirements except for 2,4-Dinitrophenol,2,4-Dinitrotoluene,2-Nitrophenol,3,3-Dichlorobenzidine,4,6-Dinitro-2-methylphenol,4-Nitroaniline,4-Nitrophenol and Pentachlorophenol . Associated sample has no hit for this compound; therefore no further corrective action was taken.

E. Additional Comments:

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_____