



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

PARSONS Engineering of New York, Inc.

Project Name: Con Edison - 11th Ave-West 50th St Site

Project # N/A

Chemtech Project # Q1739

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

2 Water samples were received on 04/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_M 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 SVOC-TCL BNA -20 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 except for WC-LIQUID-20250404 [2,4,6-Tribromophenol - 15%, 2-Fluorobiphenyl - 44%, 2-Fluorophenol - 7%, Nitrobenzene-d5 - 34% and Phenol-d6 - 8%], due to the presence of non-targeted hydrocarbons which can be witnessed by the abnormal chromatogram, therefore no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike for {PB167521BS} with File ID: BM049861.D met requirements for all samples except for Atrazine[124%], Hexachlorocyclopentadiene[180%], The associate samples have no positive hit for these compounds therefore no corrective action was taken.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

The Blank Spike Duplicate for {PB167521BSD} with File ID: BM049862.D met requirements for all samples except for Atrazine[132%], Hexachlorocyclopentadiene [190%], The associate samples have no positive hit for these compounds therefore no corrective action was taken.

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

The % RSD is greater than 20% in the Initial Calibration (8270-BM040825.M) for 2,4-Dinitrophenol, these compounds are passing on Linear Regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Samples WC-LIQUID-20250404 analyzed with direct 5x dilution due to oily, viscous and dirty matrix.

E. Additional Comments:

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

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_____