



284 Sheffield Street, Mountainside, NJ 07092
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CASE NARRATIVE

ICE Service Group, Inc.

Project Name: NWIRP Northrup Grumman Site – Bethpage, NY

Project # N/A

Order ID # Q3399

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 10/20/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_G using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 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 were met for all analysis.

The Retention Times were met for all analysis.

The MS {Q3399-01MS} with File ID: BG064683.D recoveries met the requirements for all compounds except for 1,4-Dioxane[67%] and Hexachlorocyclopentadiene[149%], due to matrix interference therefore no corrective action was taken.

The MSD {Q3399-01MSD} with File ID: BG064684.D recoveries met the requirements for all compounds except for 1,4-Dioxane[63%], 2-Nitrophenol[126%] and Hexachlorocyclopentadiene[151%], due to matrix interference therefore no corrective action was taken.

The RPD were met for all analysis

The Blank Spike Duplicate met requirements for all compounds.

The Blank Spike for {PB170206BS} with File ID: BG064674.D met requirements for all compounds except for 1,4-Dioxane[59%], marginally low, therefore no corrective action was taken, Hexachlorocyclopentadiene[127%] failing high but 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.



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The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, these Compounds are passing on Linear regression,

The Continuous Calibration File ID BG064672.D met the requirements except for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

E. Additional Comments:

The sample # COMP-ROLLOFFMS and COMP-ROLLOFFMSD is failing for 2-Nitrophenol, Hexachlorocyclopentadiene, 1,4-Dioxane, and the original sample (COMP-ROLLOFF) is reported with M flag for this compounds.

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_____