284 Sheffield Street, Mountainside, NJ 07092
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CASE NARRATIVE

G Environmental
Project Name: Power
Project # N/A
Chemtech Project # Q1331
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Water sample was received on 02/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

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 RPD for {VN0210WBSD01} with File ID: VN085733.D met criteria except for 1,2,4-Trichlorobenzene[22%], Bromochloromethane[32%] and Isopropylbenzene[21%], these compounds did not meet the NJDKQP criteria and in-house criteria due to difference in results of BS and BSD.

The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The initial calibration met the requirements.

The Continuous Calibration File ID VN085718.D met the requirements except for m/p-Xylenes,o-Xylene and Styrene, are failing high but associated samples having hit below CRQL ;therefore no corrective action was taken.

The Tuning criteria met requirements.

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E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.
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_____