



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

CASE NARRATIVE

Tully Construction Co., Inc.

Project Name: 10th Street & 2nd Avenue

Project # N/A

Chemtech Project # P5112

Test Name: SVOC-PAH

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for SVOC-PAH.

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 analysis of SVOC-PAH 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 met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements except for 10TH-ST-SOIL, 10TH-ST-SOILDL reanalyzed with the required dilution and both run were reported in Hard Copy.

The Retention Times were acceptable for all samples.

The MS {P5112-01MS} with File ID: BF140780.D recoveries met the requirements for all compounds except for Fluoranthene[11%], Phenanthrene[44%], due to matrix interference, therefore no corrective is required.

The MSD {P5112-01MSD} with File ID: BF140781.D recoveries met the acceptable requirements except for Fluoranthene[33%], Phenanthrene[50%], due to matrix interference, therefore no corrective is required.

The RPD for {P5112-01MSD} with File ID: BF140781.D met criteria except for Fluoranthene[100%], due to matrix interference, therefore no corrective is required.



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The Blank Spike 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 met the requirements .

The Tuning criteria met requirements.

Sample 10TH-ST-SOIL was diluted due to high concentration.

E. Additional Comments:

As per special requirement for this project form-1 and Hit Summary are reported in mg/kg.

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 <15% 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 > 15% 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_____