CASE NARRATIVE

G Environmental
Project Name: Nelson
Project # N/A
Chemtech Project # Q1492
Test Name: SVOC-PAH

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 03/05/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested:
SVOC-PAH. 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.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
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 File ID BF141858.D met the requirements except for
Benzo(g,h,i)perylene and Nitrobenzene-d5, The associate samples have no positive hit
for these compounds therefore no corrective action was taken.

The Tuning criteria met requirements.

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.

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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_____