

CASE NARRATIVE

Aramark Uniforms

Project Name: Monthly 2025

Project # N/A

Chemtech Project # Q1119

Test Name: TCLP BNA Group1

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 01/16/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Flash Point, Ignitability, Reactive Cyanide, Reactive Sulfide, REACTIVITY, TCLP BNA Group1, TCLP Extraction, TCLP Mercury, TCLP VOA, TCLP VOA Group1, TCLP ZHE Extraction and TCLP Metals Group1. This data package contains results for TCLP BNA Group1.

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 TCLP BNA Group1 was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for FILTER CAKE [Terphenyl-d14 - 43%] as per method one surrogate is allowed to failed, therefore no corrective action was taken.

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 for {PB166115} with File ID: BF141214.D met requirements for all samples except for Hexachlorobenzene [107%] but no positive hit in associated sample therefore no corrective action taken.

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .



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The Tuning criteria met requirements.

Sample FILTER CAKE was diluted due to high concentration.

E. Additional Comments:

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_____