ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1069 MATRIX: Solid

METHOD: 8270E/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓
	The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

The Surrogate recoveries met the acceptable criteria except for TR-06-1-10-2025MS [2,4,6-Tribromophenol - 22%, Terphenyl-d14 - 45%], TR-06-1-10-2025MSD [2,4,6-Tribromophenol - 25%, Terphenyl-d14 - 52%],due to matrix interference and no corrective action is needed, and
RW7B-CARBON-20250109 [2,4,6-Tribromophenol - 6%, 2-Fluorobiphenyl - 9%, 2-Fluorophenol - 5%, Nitrobenzene-d5 - 9%, Phenol-d6 - 5%, Terphenyl-d14 - 8%], RW7B-CARBON-20250109RX [2,4,6-Tribromophenol - 34%, 2-Fluorobiphenyl - 39%, 2-Fluorophenol - 33%, Phenol-d6 - 32% and Terphenyl-d14 - 29%]Failure sample for surrogate was reanalyzed to confirm the failure and both run were reported in Hard Copy.

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The MS {Q1068-01MS} with File ID: BF141175.D recoveries met the requirements for all compounds except for 1,4-Dioxane[48%], 2,3,4,6-Tetrachlorophenol[23%], 2,4,6-Trichlorophenol[35%], 2,4-Dinitrophenol[0%], 4,6-Dinitro-2-methylphenol[12%], 4-Nitrophenol[21%] and Pentachlorophenol[24%], due to matrix interference and no corrective action is needed. .

The MSD {Q1068-01MSD} with File ID: BF141176.D recoveries met the acceptable requirements except for 1,4-Dioxane[49%], 2,3,4,6-Tetrachlorophenol[26%], 2,4,6-Trichlorophenol[35%], 2,4-Dinitrophenol[0%], 4,6-Dinitro-2-methylphenol[9%], 4-Nitrophenol[25%] and Pentachlorophenol[23%], due to matrix interference and no corrective action is needed.

The Blank Spike for {PB166035BS} with File ID: BF141165.D met requirements for all samples except for Hexachlorocyclopentadiene[179%], The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Blank Spike for {PB166061BS} with File ID: BF141172.D met requirements for all samples except for Atrazine[129%], Hexachlorocyclopentadiene[191%],The associate samples have no positive hit for these compounds therefore no corrective action was taken. .

9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓

Comments:

10.	Extraction Holding Time Met			✓

If not met, list number of days exceeded for each sample:

11.	Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The not QT review data is reported in the Miscellaneous.

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

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.

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QA REVIEW Date