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: P5282 MATRIX: Water

METHOD: 8270-Modified/3510

		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 File ID BN035731.D met the requirements except for 2,4,6-Tribromophenol which is Not associated with client parameter list, therefore no corrective action taken.

The Continuous Calibration File ID BN035747.D met the requirements except for 2,4,6-Tribromophenol,2-Fluorobiphenyl,2-Fluorophenol,Nitrobenzene-d5,Phenol-d6 and Terphenyl-d14 which are Not associated with client parameter list, therefore no corrective action taken.

The Continuous Calibration File ID BN035794.D met the requirements except for 2,4,6-Tribromophenol which is Not associated with client parameter list, therefore no corrective action taken.

The Continuous Calibration File ID BN035845.D met the requirements except for Nitrobenzene-d5 which is Not associated with client parameter list, therefore no corrective action taken.

6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	

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(CONTINUED)

		NA	NO	YES
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 RW7-SP100-20241212 [Nitrobenzene-d5 - 114%, Terphenyl-d14 - 147%], RW7-SP100-20241212DL [Nitrobenzene-d5 - 137%, Terphenyl-d14 - 163%], RW7-SP201-20241212 [Nitrobenzene-d5 - 125%, Terphenyl-d14 - 147%], RW7-SP302-20241212 [2-Fluorobiphenyl - 110%, Nitrobenzene-d5 - 122%, Terphenyl-d14 - 160%], RW7-SP303-20241212 [2-Fluorobiphenyl - 117%, Nitrobenzene-d5 - 130%, Terphenyl-d14 - 171%], PB165667BL [Terphenyl-d14 - 140%], PB165667BS [Nitrobenzene-d5 - 116%], failing surrogates were not associated with client parameter list, therefore no corrective action taken.			
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 {P5280-04MS} with File ID: BN035735.D recoveries met the requirements for all compounds except for 1,4-Dioxane[133%] due to matrix interference.			
	The MSD {P5280-05MSD} with File ID: BN035736.D recoveries met the acceptable requirements except for 1,4-Dioxane[138%] due to matrix interference.			
	The Blank Spike met requirements for all samples .			
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:

Sample RW7-SP100-20241212 was diluted due to high concentration.

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.

_____ _____

QA REVIEW Date