

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

CHEMTECH PROJECT NUMBER: Q1380

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 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 PB166758BS [2- Fluorobiphenyl - 118%], BP-VPB-192-EB-20250212 [Terphenyl-d14 - 146%], BP- VPB-192-GW-780-782 [2-Fluorobiphenyl - 118%], BP-VPB-192-GW-780-782MS [2- Fluorobiphenyl - 110%, Terphenyl-d14 - 135%], BP-VPB-192-GW-780-782MSD [2- Fluorobiphenyl - 113%, Terphenyl-d14 - 138%], failure surrogates are not associated with the client list, as per criteria affected surrogates were passing, therefore no corrective action was taken while,			
VPB192-HYD-20250214 [2-Methylnaphthalene-d10 - 6%]surrogate failing biased low also Due to the limited volume of this sample, it will not be re-extracted therefore no corrective action taken.			

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		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 {Q1380-10MS} with File ID: BN036477.D recoveries met the requirements for all compounds except for 1,4-Dioxane[64%] due to matrix interference.			
	The MSD recoveries met the acceptable requirements .			
	The sample # BP-VPB-192-GW-780-782MS is failing for 1,4-Dioxane and the original sample(BP-VPB-192-GW-780-782) is reported with M flag for this compound..			
	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:

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

Less volume was taken for samples #BP-VPB-192-GW-780-782, BP-VPB-192-GW-780-782MS,BP-VPB-192-GW-780-782MSD at the time of extraction due to Limited volume received.

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.

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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(CONTINUED)

NA NO YES