

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

ORDER ID: Q2251

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,
BP-VPB-182-GW-760-762 [Terphenyl-d14 - 161%], Failed surrogate is not associated
with DOD,therefor no further corrective action was taken.

And

VPB182-HYD-20250605 [2-Methylnaphthalene-d10 - 3%]. Due to matrix interference
which can be observed from the abnormal chromatogram. Hence no further corrective
action was taken.

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(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 {Q2250-02MS} with File ID: BN037192.D recoveries met the requirements for all compounds except for 1,4-Dioxane[167%] . Due to matrix interference, Therefor further corrective action was taken.			
	The MSD {Q2250-03MSD} with File ID: BN037193.D recoveries met the acceptable requirements except for 1,4-Dioxane[200%] . . Due to matrix interference, Therefor further corrective action was taken.			
	The Blank Spike met requirements for all samples.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas met the acceptable requirements except for BP-VPB-182-EB-20250604. Internal standard failed but not associated with the parameters list of the sample. Therefor no further corrective action was taken.			
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 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.

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

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