

# **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: Q3371

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:			✓

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		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 were met for all analysis except for, PB170167BS [2-Fluorobiphenyl - 111%], BP-VPB-184-EB-20251016 [Terphenyl-d14 - 137%], BP-VPB-184-GW-920-922 [Terphenyl-d14 - 137%], Failed surrogate is not associated with DOD, Therefore no further corrective action was taken.			
	and			
	VPB184-HYD-20251010 [2-Methylnaphthalene-d10 - 4%, Fluoranthene-d10 - 10%, Terphenyl-d14 - 137%], VPB184-HYD-20251016 [2-Methylnaphthalene-d10 - 4%, Fluoranthene-d10 - 11%]. Surrogate were affected due to matrix interference, as evidenced by the chromatogram. As no additional volume of each sample was available for re-extraction, they could not be re-extracted and as the re-analysis would have given the same results, they were not reanalyzed.			
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 Blank Spike met requirements for all compounds. The Blank Spike Duplicate met requirements for all compounds.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	The Holding Times were met for all analysis except for VPB184-HYD-20251010 out of extraction holding time as receive late in Lab.		✓	
11.	Analysis Holding Time Met		✓	
	If not met, list number of days exceeded for each sample:			
	The Holding Times were met for all analysis.			

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**(CONTINUED)**

NA NO YES

ADDITIONAL COMMENTS:

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

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

Samples VPB184-HYD-20251010 has the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date