

# **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: Q3292

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 BN038066.D met the requirements except for Nitrobenzene-d5 and Phenol-d6. Failed surrogates are not associated with DOD, Therefor no further corrective action was taken.			
The Continuous Calibration File ID BN038083.D met the requirements except for 2,4,6-Tribromophenol and Phenol-d6. Failed surrogates are not associated with DOD, Therefor no further corrective action was taken.			
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, RW8-SP100-20251003 [Terphenyl-d14 - 143%], BP-VPB-184-GW-740-742MS [2-Fluorobiphenyl - 183%, Terphenyl-d14 - 269%] and BP-VPB-184-GW-740-742MSD [2-Fluorobiphenyl - 218%, Terphenyl-d14 - 553%]. Failed surrogates are not associated with DOD, therefor no further corrective action was 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 {Q3298-06MS} with File ID: BN038086.D recoveries met the requirements for all compounds except for 1,4-Dioxane[168%], Recovery failed due to matrix interference , therefor no further corrective action was taken.			
The MSD {Q3298-07MSD} with File ID: BN038087.D recoveries met the requirements for all compounds except for 1,4-Dioxane[173%], Recovery failed due to matrix interference , therefor no further corrective action was taken.			
The Blank Spike met requirements for all compounds.			
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓	
Comments: The Internal Standards Areas were met for all analysis except for PB170022BL, PB170022BS, BP-VPB-184-GW-740-742MS and BP-VPB-184-GW-740-742MSD. Failed internal standard is not associated with DOD, 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:			

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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 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)."

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QA REVIEW

\_\_\_\_\_  
Date