

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: Q3298

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, The failure compounds not associated with the client parameters list, therefore no corrective action was taken. The Continuous Calibration File ID BN038083.D met the requirements except for 2,4,6- Tribromophenol and Phenol-d6, The failure compounds not associated with the client parameters list, therefore no corrective action was taken.		✓	
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 were met for all analysis except for BP-VPB-184-EB- 20251003 [2-Fluorobiphenyl - 110%, Terphenyl-d14 - 144%], 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%], The failure surrogates not associated with the client parameters list, therefore no corrective action was taken, and VPB184-HYD-20251003 [2-Fluorobiphenyl - 117%, 2-Methylnaphthalene-d10 - 0%, Fluoranthene-d10 - 14%, Terphenyl-d14 - 147%], due to matrix interference.			✓

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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 { Q3298-06MS } with File ID: BN038086.D recoveries met the requirements for all compounds except for 1,4-Dioxane[168%] due to matrix interference.			
The MSD { Q3298-07MSD } with File ID: BN038087.D recoveries met the requirements for all compounds except for 1,4-Dioxane[173%] due to matrix interference.			
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,VPB184-HYD-20251003, BP-VPB-184-GW-740-742MS and BP-VPB-184-GW-740-742MSD, The failure Internal Standard not associated with the client parameters list, therefore no 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 sample # BP-VPB-184-GW-740-742MS and BP-VPB-184-GW-740-742MSD is failing for 1,4-Dioxane and the original sample(BP-VPB-184-GW-740-742) is reported with M flag for this compounds.

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.

QA REVIEW

Date