

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

ORDER ID: Q3213

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.<br>(NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP,<br>CLP AND NJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |    | ✓   |
| 3. | GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for<br>8000 Series.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |    | ✓   |
| 4. | GC/MS Calibration - Initial Calibration performed within 30 days before sample<br>analysis and continuing calibration performed within 24 hours of sample analysis for<br>600 series and 12 hours for 8000 series.                                                                                                                                                                                                                                                                                                                                                                                                                    |    |    | ✓   |
| 5. | GC/MS Calibration Requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |    | ✓   |
|    | The Initial Calibration met the requirements.<br>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<br>ranges.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |    |     |
|    | The Surrogate recoveries were met for all analysis except for,<br>VPB184-HYD-20250924 [2-Methylnaphthalene-d10 - 4%, Fluoranthene-d10 - 15%],<br>failed due to matrix interference, as seen in the chromatogram. There was no additional<br>volume of this water sample available for re-extraction and as re-analysis, , Therefor no<br>further corrective action was taken.<br>BP-VPB-184-GW-380-382 [Terphenyl-d14 - 142%],<br>BP-VPB-184-GW-420-422 [Terphenyl-d14 - 151%] and<br>BP-VPB-184-EB-20250923 [Terphenyl-d14 - 147%]. Failed surrogate is not associated<br>with DOD, Therefor no further corrective action was taken. |    |    |     |

**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**

**(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 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. | 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)."

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