

NEW JERSEY LAB ID#:20012 : NEW YORK LAB ID#: 11376

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

CHEMTECH PROJECT NUMBER: BF080625

SequenceID : BF080625

|                                                                                                                                                                                                                | NA    | NO          | YES         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|-------------|
| 1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)                                                                                                                               | _____ | _____       | _____✓_____ |
| 2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria<br>(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 Met:                                                                                                                                                                                      | _____ | _____       | _____✓_____ |
| a. Initial calibration Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable range.                                                                         | _____ | _____       | _____✓_____ |
| b. Continuous Calibration(CCC) Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable range.                                                                 | _____ | _____       | _____✓_____ |
| 2,4-Dinitrophenol in SSTDCCC040 [BF143321.D] was biased high and was not present in any sample under the sequence.                                                                                             |       |             |             |
| 6. Blank Contamination - If yes, list compounds and concentrations in each blank:                                                                                                                              | _____ | _____✓_____ | _____       |
| a. B/N Fraction                                                                                                                                                                                                |       |             |             |
| d. Acid Fraction                                                                                                                                                                                               |       |             |             |

|                                                                                                 |                                                                                                                                                                                          |  |   |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|
| 7. Surrogate Recoveries Meet Criteria                                                           |                                                                                                                                                                                          |  | ✓ |
| If not met, list those compounds and their recoveries which fall outside the acceptable ranges. |                                                                                                                                                                                          |  |   |
| a. B/N Fraction                                                                                 |                                                                                                                                                                                          |  |   |
| d. Acid Fraction                                                                                |                                                                                                                                                                                          |  |   |
| 8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria                                 |                                                                                                                                                                                          |  | ✓ |
| If not met, list those compounds and their recoveries which fall outside the acceptable range.  |                                                                                                                                                                                          |  |   |
| a. B/N Fraction                                                                                 | <u>RPD of certain compounds in Q2763-01MS / MSD and Q2772-01MS / Q2772-01MSD failed due to difference in recoveries, for matrix interference. Hence, no corrective action is needed.</u> |  |   |
| d. Acid Fraction                                                                                |                                                                                                                                                                                          |  |   |
| 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:

Recovery of 3,3-Dichlorobenzidine is marginally low in PB169119BS. The data will be used for the hard copies. The samples Q2780-01, Q2780-05, Q2774-09, Q2774-11, Q2774-03, Q2774-13, and Q2774-01 had to be analyzed with their respective dilutions due to dirty, concentrated and viscous matrix, which was difficult to inject otherwise. Hence no corrective action is required.

Ashish  
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 Analyst

08/06/2025  
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 Date

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