

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

GC/MS AIR CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: v1070825

SequenceID : v1070825

NA NO YES

1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)

✓

2. The instrument met GC/MS Tuning criteria

✓

3. The samples were analyzed meeting tuning frequency criteria (within 24 hours from tuning)

✓

4. GC/MS Initial calibration met criteria

✓

Criteria: %RSD \leq 30 (2 compounds may exceed, but must be \leq 40%), or R-Squared value \geq 0.99 if linear regression)

Comments:

5. GC/MS calibration verification met criteria (%D \leq 30)

✓

Comments:

6. Was method blank contaminated? If yes, list the analytes and concentrations.

✓

7. Surrogate recoveries met criteria (70-130%)

✓

Comments:

8. Lab control sample recoveries within control limits (70-130%)

✓

Comments:

9a. MS/MSD recoveries within control limits (70-130%)

✓

Comments:

9b. Blank Spike/Blank spike Duplicate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable range.

✓

10. MS/MSD RPD within control limits (0-30%)

✓

Comments:

11. Internal standard area (+40%) within control limits

✓

Comments:

12. Samples were analyzed within holding time?

Method criterion:

Canisters: within 30 days from collection

Tedlar bags: within 2 days from collection

✓

✓

Comments:

Additional Comments :

Sample#Q2518-01,02 soil gas ran straight 10X dilution due to high concentration non target compound.