



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

### GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q1984

MATRIX: Solid

METHOD: 8082A/3541

- |   | NA | NO | YES |
|---|----|----|-----|
| 1. Chromatograms Labeled/Compounds Identified.  |    |    | ✓   |
| 2. Standard Summary Submitted.  |    |    | ✓   |
| 3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. |    |    | ✓   |

The Initial Calibration met the requirements .

The Continuous Calibration File ID PO111005.D met the requirements except for Decachlorobiphenyl is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PO111020.D met the requirements except for Decachlorobiphenyl is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PP072003.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but it is passing in 1st column therefore no corrective action taken.

- |   |  |   |  |
|---|--|---|--|
| 4. Blank Contamination - If yes, list compounds and concentrations in each blank: |  | ✓ |  |
| 5. Surrogate Recoveries Meet Criteria   |  | ✓ |  |

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

The Surrogate recoveries met the acceptable criteria except for OU4-TS-26-050725 [Decachlorobiphenyl(1) - 34%, Decachlorobiphenyl(2) - 48%], OU4-TS-26-050725MS [Decachlorobiphenyl(1) - 38%, Decachlorobiphenyl(2) - 54%] and OU4-TS-26-050725MSD [Decachlorobiphenyl(1) - 34%, Decachlorobiphenyl(2) - 46%]  
Surrogate failure for MS-MSD confirmed with Original sample.

- |   |  |  |   |
|---|--|--|---|
| 6. 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 recoveries met the requirements for all compounds.  
The MSD recoveries met the acceptable requirements.  
The Blank Spike met requirements for all samples .

The RPD for {Q1984-11MSD} with File ID: PO111019.D met criteria except for AR1260[24%] due to difference in results of MS-MSD.



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

	NA	NO	YES
7. Retention Time Shift Meet Criteria (if applicable)			✓
Comments:			
8. Extraction Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date