



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3672

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 PQ071486.D met the requirements except for Decachlorobiphenyl is failing in 2nd column however 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 were met for all analysis except for

C0AE7 [Decachlorobiphenyl(1)197%, Decachlorobiphenyl(2)200%],
C0AG0 [Decachlorobiphenyl(1)760%, Decachlorobiphenyl(2)705%], Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported,

C0AE7DL [Decachlorobiphenyl(2)181%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken,
C0AE6DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AE7DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AE8DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AF9DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AF9DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AG0DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AG0DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%] Due to high concentration of compounds, these samples required dilution, Therefore, sample was reanalyzed with dilution and reported.



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	NA	NO	YES
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 {Q3672-01MS} with File ID: PQ071391.D recoveries met the requirements for all compounds except for [AR1016(2)- 175%] due to matrix interference.			
The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds.			
The RPD for {Q3672-01MSD} with File ID: PQ071392.D met criteria except for [AR1260(1)-24%, AR1260(2)-35%] due to difference in results of MS-MSD.			
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:

Samples C0AE5, C0AE6, C0AE7, C0AE7DL, C0AE8, C0AF8, C0AF9, C0AF9DL, C0AG0 and C0AG0DL were diluted due to high concentrations.

For sample #C0AE6 fax was sent, with incorrect peak in column 1 for AR1260 in first review, While second reviewing, the peak was corrected ,As fax is already sent, fax and hard copy data not match.

The samples C0AE7 ,C0AG0 few peaks have F flag due to the dirty nature of the matrix, which can be observed by the chromatogram therefore no corrective action is required.

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

QA REVIEW

Date



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NA NO YES