



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3447

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 PP076110.D met the requirements except for Aroclor-1260(Peak-04) 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
P001-TW1-251023-01 [Tetrachloro-m-xylene(1)575%, Tetrachloro-m-xylene(2)4668%],
P001-TW1-251023-01RE [Decachlorobiphenyl(1)705%, Tetrachloro-m-xylene(1)670%, Tetrachloro-m-xylene(2)4655%],
P001-TW2-251023-01 [Tetrachloro-m-xylene(1)205%, Tetrachloro-m-xylene(2)1324%],
P001-TW2-251023-01RE [Tetrachloro-m-xylene(1)221%, Tetrachloro-m-xylene(2)1318%], All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data while,

P001-TW3-251023-01 [Tetrachloro-m-xylene(2)167%] and P001-TW4-251023-01 [Tetrachloro-m-xylene(2)463%]

AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.



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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 recoveries met the requirements for all compounds.			
The MSD recoveries met the requirements for all compounds.			
The Blank Spike met requirements for all compounds.			
The RPD for {Q3450-02MSD} with File ID: PQ071154.D met criteria except for [AR1016(1)-29%, AR1016(2)-19%] 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 P001-TW1-251023-01, P001-TW2-251023-01, P001-TW3-251023-01, P001-TW4-251023-01 were directly analyzed with 50X & 10X, due to samples are Oily and Tar matrix..

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

QA REVIEW

Date



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NA NO YES