



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: M3435

MATRIX: Soil/Water

METHOD: 8082A/3510

	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 PP038536.D met the requirements except for Decachlorobiphenyl is failing in both column. The Continuous Calibration File ID PP038552.D met the requirements except for Decachlorobiphenyl is failing in both column. The Continuous Calibration File ID PP038645.D met the requirements except for Decachlorobiphenyl is failing in both column. The Continuous Calibration File ID PP038659.D met the requirements except for Decachlorobiphenyl is failing in both column. All above mention CCAL are failing for DCB due to hit of AR1268 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 SWCS-24-0306 [Decachlorobiphenyl(1) - 52%, Decachlorobiphenyl(2) - 54%], SWCS-24-0306RE [Decachlorobiphenyl(1) - 52%, Decachlorobiphenyl(2) - 51%], SWCS-22-0003 [Decachlorobiphenyl(1) - 20%, Decachlorobiphenyl(2) - 20%], SWCS-22-0003RE [Decachlorobiphenyl(1) - 21%, Decachlorobiphenyl(2) - 19%] all the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data and 2021-08-11-EB-02 [Tetrachloro-m-xylene(2) - 147%] as per method one surrogate allowed to fail, therefore No further corrective action was taken.		✓	
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 Blank Spike Duplicate met requirements for all samples. The RPD met criteria.		✓	
7. Retention Time Shift Meet Criteria (if applicable) Comments:			✓



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		NA	NO	YES
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:

Sample SWCS-17-0003 was diluted due to high concentration.

The not QT review data is reported in the Miscellaneous.

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

QA REVIEW

Date