

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P3426

MATRIX: Water

METHOD: 8270-Modified/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.		✓	
	The Initial Calibration met the requirements .			
	The Continuous Calibration File ID BN033212.D met the requirements except for Benzo(b)fluoranthene is failing marginally low and 2,4,6-Tribromophenol and Phenol- d6 , failure surrogates are not associated with the client list, as per criteria affected surrogates were passing, therefore no corrective action was taken.			
	The Continuous Calibration File ID BN033228.D met the requirements except for Benzo(b)fluoranthene is failing marginally low and 2,4,6-Tribromophenol failure surrogate is not associated with the client list, as per criteria affected surrogates were passing, therefore no corrective action was taken.			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	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 927-K1-WS-073124-FD [2-Methylnaphthalene-d10 - 16%, Fluoranthene-d10 - 22%]
and 927-K1-WS-073124-FDRE [2-Methylnaphthalene-d10 - 17%, Fluoranthene-d10 - 22%]
these compounds did not meet the NJDKQP criteria and in-house criteria All the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data and 927-K1-WS-073124-FD [2-Fluorobiphenyl - 21%, Nitrobenzene-d5 - 21%] and 927-K1-WS-073124-FDRE [2-Fluorobiphenyl - 20%, Nitrobenzene-d5 - 21%] these compounds did not meet the NJDKQP criteria but met the in-house criteria.

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(CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all samples .			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments: The Internal Standards Areas met the acceptable requirements except for 927-K1-WS-073124-FD, 927-K1-WS-073124-FDRE , All the failure samples in Internal Standard were reanalyzed to confirm the results as per method and reported in the data.			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Less volume was taken for sample # 927-K1-WS-073124-FD at the extraction due to Limited volume received.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

Date