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: P3671 MATRIX: Solid

METHOD: 8270E/3541

		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 % RSD is greater than 20% in the Initial Calibration method (Method 8270-BF082024.M) for Benzo(g,h,i)perylene, this compound is passing on Linear Regression.

The % RSD is greater than 15% in the Initial Calibration (Method 8270-BM081024.M) for Benzaldehyde, this compound is passing on Quadratic regression.

The Continuous Calibration File ID BF139113.D met the requirements except for Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BF139159.D met the requirements except for Dibenzo(a,h)anthracene, Nitrobenzene and Nitrobenzene-d5, Under this Continuous Calibration Lab has analyzed only dilution samples, and this compound does not required dilution so no further corrective action taken.

The Continuous Calibration File ID BP021607.D met the requirements except for Pentachlorophenol and 2,4,6-Tribromophenol, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	

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		NA	NO	YES
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 S-903-J-SO-0-0.5-081924 [2,4,6-Tribromophenol - 29%, Terphenyl-d14 - 22%], these compounds did not meet the NJDKQP criteria but met the in-house criteria. while 2-Fluorobiphenyl - 18%, this compound did not meet the NJDKQP criteria and in-house criteria, and as per method two surrogates are allowed to failed, no corrective action was taken.			
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:			
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:

This data Package has been revised to change Client ID as per client request.

Sample S-904-J-SO-0-0.5-081924 was diluted due to high concentration.

The Sample S-904-J-SO-0-0.5-081924DL, S-904-J-SO-0.5-1.0-081924, S-911-K1-SO-0.5-1-081924, S-911-KI-SO-0-0.5-081924-FD, S-905-J-SO-0.5-1.0-081924, have the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

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 <20% 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 > 20% for the Initial Calibration curve for SW-846 analysis.

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

(CONTINUED)

NA NO YES

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QA REVIEW Date