

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

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

CHEMTECH PROJECT NU	JMBER:	BF050323	_			
SequenceID:	BF050323			NA	NO	YES
1. Chromatograms Labeled/	Compounds Identi	fied. (Field samples and Me	ethod Blanks)			_
2. GC/MS Tuning Specifica (NOTE THAT THERE ARE			, CLP AND NJ)			_
3. GC/MS Tuning Frequenc series	y - Performed even	y 24 hours for 600 series and	d 12 hours for 8000			_
4. GC/MS Calibration - Init analysis and continuing c for 600 series and 12 hou	alibration perform	formed within 30 days before dwithin 24 hours of sample	•			_
5. GC/MS Calibration Met:						_
a. Initial calibration Mee If not met, list those compor		veries which fall outside the	acceptable range.			✓
b. Continuous Calibration If not met, list those compor		ria veries which fall outside the	acceptable range.			_
6. Blank Contamination - If a. B/N Fraction	yes, list compound	ds and concentrations in each	n blank:	_	<u> </u>	

d. Acid Fraction

7. Surrogate Recoveri	es Meet Criteria ompounds and their recoveries which fall outside the acceptable ranges.			<u> </u>
a. B/N Fraction				
d. Acid Fraction				
•	x Spike Duplicate Recoveries Meet Criteria ompounds and their recoveries which fall outside the acceptable range.		<u> </u>	
1	The recovery of some compounds, including compound #54 and #65, were affected by matrix interfer no corrective action is required. The recovery of some compounds, including compound #54, were affected by matrix interference in Compound #54.			
d. Acid Fraction	The recovery of some compounds, mending compound #51, were directed by many mentioned in	92300 071VIB/IVI	SD unu no	
9. Internal Standard A Comments:	rea/Retention Time Shift Meet Criteria			✓
10. Extraction Holding	g Time Met r of days exceeded for each sample:			_
11. Analysis Holding 'If not met, list number	Time Met r of days exceeded for each sample:			_
ADDITIONAL COLU	MENTO			

ADDITIONAL COMMENTS:

In PB152525BS and PB152548BS, the recovery of compound #77 is biased high, which is not present in any of their associated samples and therefore the data will be used for hardcopies.

The sample O2584-01 was analyzed with 2x dilution due to its dirty and concentrated matrix.

The samples O2582-01 and O2585-01 were analyzed with 5x dilution due to their dirty, concentrated and viscous matrix, which sticks to the sides of the vial and would not be injectable otherwise.

Priyankadave	05/04/2023
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d. Acid Fraction

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CHEMTECH PROJECT NUMBI	ER: <u>b</u>	f050923					
SequenceID: <u>bf0</u>	050923				NA	NO	YES
1. Chromatograms Labeled/Comp	pounds Identified	d. (Field samples an	d Method Blanks)				_
2. GC/MS Tuning Specifications (NOTE THAT THERE ARE DIF			CLP, CLP AND NJ)				✓
3. GC/MS Tuning Frequency - Perseries	erformed every 2	4 hours for 600 serie	es and 12 hours for 800	00			✓
4. GC/MS Calibration - Initial Ca analysis and continuing calibra for 600 series and 12 hours for	tion performed v	•					_
5. GC/MS Calibration Met:							✓
a. Initial calibration Meet Crite If not met, list those compounds a		ies which fall outsid	le the acceptable range.				✓
b. Continuous Calibration(CCC) If not met, list those compounds a	and their recover					_	
Compound #41 is marginally l	biased low in the	e SSTDCCC(BF133.	309.D)				
6. Blank Contamination - If yes, l a. B/N Fraction	list compounds a	nd concentrations in	each blank:			<u> </u>	

7. Surrogate Recoveries Meet Criteria		<u>✓</u>
If not met, list those compounds and their recoveries which fall outside the acceptable ranges.		
a. B/N Fraction		
d. Acid Fraction		
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.		
a. B/N Fraction The recovery of some compounds failed in O2665-08MS/MSD due to matrix interference and no corrective action	n is required.	
d. Acid Fraction		
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: ———————————————————————————————————		<u>✓</u>
11. Analysis Holding Time Met		
If not met, list number of days exceeded for each sample:		✓

ADDITIONAL COMMENTS:

In PB152628BS, the recovery of compound #77 is biased high, which is not required by any of the associated samples. In PB152670BS, the recovery of compound #77 is biased high, which is not present in any of the associated samples. The samples O2505-05 and O2505-04 were analyzed with their respective dilutions due to their dirty, concentrated and viscous matrix, which consist of non-target hydrocarbons as made evident by their abnormal chromatograms. Furthermore, it is due to the tough nature of the matrix that the recovery of one internal standard (Chrysene-d12) failed in the sample O2505-05. These results are final.

hitesh	05/10/2023
Analyst	Date



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YES

CHEMTECH PROJECT NUMBER:		bf050923	
SequenceID:	bf050923	NA	NO