NONHALOGENATED ORGANICS USING GC/FIC
EPA 8015D Rev 4 2003

Facility Name:_____VELAP ID_____

Assessor Name:_____Analyst Name:_____Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
Were a minimum of 5 different Calibration Standards used?	7.8 11.3.2.1				
Was the instrument performance checked every 12-hour analysis period according to some sort of QC program?	8000C 9.2.1				
Did recalibration of the instrument take place when calibration verification acceptance criteria could not be achieved?	8000C 9.2.5				
Were method blanks analyzed prior to analyzing any samples?	8000C 9.2.6				
Were method blanks prepared at a frequency of 5% or every 20 samples?	8000C 9.2.6.1				
Were method blanks and LFMs subjected to the same procedures as samples?	8000C 9.2.6.4 9.7.8				
Were method blanks determined to be lower in analyte concentration than some target dictated by a QC program?	8000C 9.2.6.5				
Were r^2s/correlation coefficients/coefficients of determinations of calibration curves all ≥0.99 or the RSDs of calibration analytes ≤20%?	8000C 9.3.2 11.5.2				
Were calibration verifications within ±20% of the responses calculated during initial calibrations?	8000C 9.3.6 11.5.1				
When the facility or new analysts began this method or there were significant changes in instrumentation were IDC's performed?	8000C 9.4.1				
Did IDC's consist of the mean recoveries of at least four standards falling within 70% to 130% and the calculation of standard deviations?	8000C 9.4				
Notes/Comments:					

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Was a LFM/LFMD pair or Sample/Duplicate/LFM set prepared and analyzed with each batch of up to 20 samples?	8000C 9.5				
Were LFMs and surrogate recovery values within 3 standard deviations of their means?	8000C 9.7.3				
Were LCS samples consisting of reagent matrix spiked to the same concentration as LFMs prepared and analyzed with each batch? (**Not** second-source)	8000C 9.5				
Were failed data included in Control Limit calculations to avoid "censored data sets?"	8000C 9.7.8				
Did the laboratory not use blank subtraction?	9.2.6.6				
Were different calibrations made for different sample introduction methods? (*eg* direct injection *vs* purge and trap *vs* direct headspace)	11.3.1				
Were retention times of analytes consistent throughout runs?	11.4.2				
Were dilution factors taken into account when calculating final concentration?	11.9				

Notes/Comments:

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