



Method Detection Reporting Limits

Method 1613

Drinking Water



<i>Analyte</i>	<i>Method Detection Limit (ppq)</i>	<i>Reporting Limit (ppq)</i>	<i>LCS Criteria Lower Control Limit (%)</i>	<i>LCS Criteria Upper Control Limits (%)</i>	<i>% RPD Limit*</i>
2,3,7,8-TCDD	1.4	5.0	73	146	20

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* Method does not specify % RPD limits but are general guidelines specified in Pace Analytical Services Method 1613 SOP.

ppq = parts per quadrillion (pg/L)

Detection limits and reporting limits assume that a 1 liter aliquot of sample is extracted and that 5% of the final extract is injected into the instrument for analysis. Actual detection limits will depend upon the specific levels of chemical interferences that are present in the samples.

Reporting limits are based on analyte concentrations in the final extract equivalent to the lowest concentration initial calibration standard or upon the limit of detection, whichever is higher.