ISO 21253-2:2019-08 (E)

Water quality - Multi-compound class methods - Part 2: Criteria for the quantitative determination of organic substances usin g a multi-compound class analytical method

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 3

5 Selection of the matrix 3

6 Sample preservation prior to analysis 4

7 Internal standards and injection standards 4
7.1 General 4
7.2 Selection of standards 4

8 Calibration 5

9 Recovery determination 6
9.1 General 6
9.2 Quantification by external calibration 6
9.3 Quantification by internal calibration 7

10 Limitofquantification(LOQ) 7

11 Results 7
11.1 Identification of the compounds 7
11.2 Quantification 7
11.3 Measurement uncertainty 7

12 Qualitycontrols 7
12.1 General 7
12.2 Quality control checks on the blank 8
12.3 Quality control checks on the internal standards 8
12.4 Quality control checks on the limit of quantification 8

Annex A (informative) Matrix effect 9

Bibliography 10