

# Proficiency Testing Scheme for Water Analysis

Round C54

Volatile Halogenated Hydrocarbons

Sample Dispatch: 4 May 2015





University of Natural Resources  
and Life Sciences, Vienna

**Address:**

**University of Natural Resources  
and Life Sciences, Vienna**

Department of Agrobiotechnology  
IFA-Tulln  
Center for Analytical Chemistry  
Head of Department: Prof. DI. Dr. Rudolf Krska  
Konrad-Lorenz-Str. 20  
3430 Tulln  
Austria

**Website:**

[www.ifatest.eu](http://www.ifatest.eu)  
[www.ifa-tulln.ac.at](http://www.ifa-tulln.ac.at)  
[www.boku.ac.at](http://www.boku.ac.at)

**Telephone/Fax:**

+43 2272 66280 - Ext  
+43 2272 66280 - 403

**Proficiency Testing (PT) Scheme:**

Lab Manager:

|                               |         |  |
|-------------------------------|---------|--|
| Dr. Wolfgang Kandler          | Ext 408 | <a href="mailto:wolfgang.kandler@boku.ac.at">wolfgang.kandler@boku.ac.at</a>     |
| Ing. Uta Kachelmeier          | Ext 461 | <a href="mailto:uta.kachelmeier@boku.ac.at">uta.kachelmeier@boku.ac.at</a>       |
| Dipl.-HTL-Ing. Andrea Koutnik | Ext 406 | <a href="mailto:andrea.koutnik@boku.ac.at">andrea.koutnik@boku.ac.at</a>         |
| Ing. Caroline Stadlmann       | Ext 406 | <a href="mailto:caroline.stadlmann@boku.ac.at">caroline.stadlmann@boku.ac.at</a> |

This report summarises the results of round C54 "Volatile Halogenated Hydrocarbons" within the IFA-Test Proficiency Testing Scheme for Water Analysis. The samples C54A and C54B were distributed to the participants on Monday, 4 May 2015. Closing date for reporting results to the IFA-Tulln was Friday, 29 May 2015.

35 laboratories participated in this interlaboratory comparison. 33 laboratories submitted results.

### **Samples**

For sample preparation, ultrapure water was spiked with concentrated solutions of inorganic salts in order to simulate the ionic composition of natural ground water. The following salts were added to the samples:  $Mg(NO_3)_2$ ,  $MgSO_4$ ,  $Na_2SO_4$ ,  $NaHCO_3$ ,  $KHCO_3$ ,  $CaCl_2$  and  $Ca(NO_3)_2$ . Prior to sample preparation, blank samples of ultrapure water and artificial water matrix were analysed by Purge&Trap-GC-MS to exclude contamination with halogenated hydrocarbons and other interfering substances.

The samples were spiked with traces of the following compounds: Trichloroethene, Trichloromethane, 1,1,1-Trichloroethane, Tetrachloromethane, Tribromomethane, Tetrachloroethene, Bromodichloromethane, 1,2-Dichloroethane, Dibromochloromethane, 1,1-Dichloroethene, Dichloromethane, cis-1,2-Dichloroethene and trans-1,2-Dichloroethene. The calculation of the target concentrations of the compounds was based on the mass of standard added to the samples.

Tetrachloroethene and Bromodichloromethane were not added to sample C54A. Trichloromethane was not added to sample C54B in order to check the analytical blank values.

### **Homogeneity, accuracy and stability tests at the IFA-Tulln**

For verification of homogeneity twelve samples were analysed for the compounds of interest by Purge&Trap-GC-MS measurements prior to shipment to the participants. The results of the measurements are listed in the result tables and the parameter oriented part of the report ("IFA result").

Stability tests for the water samples of the present round were carried out three weeks after sample dispatch. The results of the measurements are listed in the result tables and the parameter oriented part of the report ("Stability test").

### **Results**

Data evaluation was based on target concentrations that were calculated from the weights of the standards used to prepare the samples. Their uncertainty intervals correspond to the expanded uncertainty (coverage factor  $k = 2$ ) as described in the EURACHEM/CITAC Guide "Quantifying Uncertainty in Analytical Measurement" (Second Edition).

Recoveries for individual laboratory results and overall mean values were calculated from these target concentrations. The results were tested for outliers using the Hampel outlier test (level of significance 99 %). A minimum number of four results was required for the outlier test.

The target concentrations of Tetrachloroethene, Bromodichloromethane and Trichloromethane, which were not added to sample C54A or C54B, were set to  $< 0.06 \mu\text{g/L}$  Tetrachloroethene,  $< 0.06 \mu\text{g/L}$  Bromodichloromethane and  $< 0.14 \mu\text{g/L}$  Trichloromethane, which meets the minimum quantifiable values defined by the Austrian ground and river water monitoring program and the quantification limits of the analytical methods applied in the IFA.

Standard deviations and coefficients of variation (CVs) were only calculated when at least three results were available. The recoveries of the target concentrations, calculated from outlier-corrected data mean values ranged between 89.9 % (Tetrachloroethene in sample C54B) and 112.4 % (1,1-Dichloroethene in sample C54B). The between-laboratory coefficients of variation ranged from 5.9 % (Bromodichloromethane in sample C54B) to 26.2 % (Trichloroethene in sample C54B).

All confidence intervals of the outlier-corrected laboratory mean values encompass the corresponding target values with their uncertainties. Thus, statistically, no difference could be detected between theoretical target concentrations and outlier corrected laboratory means.

### z-Scores

The most common approach is to form the z-score given by

$$z = \frac{x_i - \bar{x}}{\sigma}$$

|           |  |
|-----------|--|
| $z$       | z-score  |
| $x_i$     | result of laboratory                           |
| $\bar{x}$ | target value or mean value („consensus value“) |
| $\sigma$  | standard deviation                             |

Thus, the z-score is the ratio of the estimated bias (difference between result and target value) and a standard deviation. The z-score criteria were determined from relative standard deviations from all interlaboratory comparisons that were organised by the IFA-Tulln in the period from 2004 to 2014. They represent long-term performance data of all former participating laboratories. The z-scores are listed together with the recoveries in the tables of the parameter oriented part.

Additionally, each laboratory obtained for every sample a single sheet that summarises the z-scores of the laboratory in graphical and tabular form.

The following table lists the z-score criteria as relative standard deviation and their limits of applicability. Z-scores were only calculated, if the target values were higher than these limits.

| Parameter                | z-Score-criteria (%) | Lower limit [ $\mu\text{g/L}$ ] |
|--------------------------|----------------------|---------------------------------|
| 1,1,1-Trichloroethane    | 15                   | 0.15                            |
| 1,1-Dichloroethene       | 21                   | 0.4                             |
| 1,2-Dichloroethane       | 14                   | 0.5                             |
| cis-1,2-Dichloroethene   | 15                   | 0.15                            |
| trans-1,2-Dichloroethene | 13                   | 0.15                            |
| Bromodichloromethane     | 14                   | 0.15                            |
| Dibromochloromethane     | 15                   | 0.2                             |
| Dichloromethane          | 14                   | 1                               |
| Tetrachloroethene        | 19                   | 0.15                            |
| Tetrachloromethane       | 18                   | 0.15                            |
| Tribromomethane          | 17                   | 0.2                             |
| Trichloroethene          | 17                   | 0.15                            |
| Trichloromethane         | 15                   | 0.3                             |

Normally, a classification based on z-scores is made this way:

| z-Score | Classification |
|---------|----------------|
| <2      | satisfactory   |
| 2< z <3 | questionable   |
| >3      | unsatisfactory |

Please note that this evaluation is made on the background of the average performance of all participants of the IFA-Test-Systems proficiency testing scheme during the period from 2004 to 2014.

## Illustration of results

An explanation to the illustration of the results is given on the following page. Graphical and tabular illustration of results can be divided into a parameter oriented and a laboratory oriented part.

The **laboratory oriented part** contains the measurement results and reported uncertainties of each individual laboratory for all parameters together with the achieved recoveries in graphical and tabular form. This part of the report also lists tables with the results originally reported by the laboratories.

In the **parameter oriented part** the reported results and corresponding uncertainties are illustrated together with recoveries of the target values and the z-scores for each parameter and all laboratories. This information is presented in graphical and tabular form. Results, which were identified as outliers by the Hampel test are marked with an asterisk in the column "out". These values were not considered for the calculation of statistical parameters (mean values, standard deviations and confidence intervals). Moreover, the parameter oriented part contains the uncertainties of the target value. The uncertainty intervals correspond to the expanded uncertainty (coverage factor  $k=2$ ) as described in the EURACHEM / CITAC Guide "Quantifying Uncertainty in Analytical Measurement" (Second Edition). The uncertainty interval of the reference concentration is illustrated in the graphs as a grey band around the 100 % recovery line.

Results, for which no recoveries could be calculated, are illustrated by one of the following symbols: **FN** (false negative), **FP** (false positive) or • - symbol.

- "FN": a result is considered false negative when the "< result" reported is lower than the corresponding target value
- "FP": False positive results can be obtained for compounds not added to the samples: a result is termed FP if it is higher than the corresponding limit of quantification of the analytical procedure employed at the IFA-Tulln.
- "•": All other results for which no recovery can be calculated are illustrated by this symbol

Tulln, 02 June 2015

**Sample C10B**  
**Parameter Dichloromethane**

Target value ± U (k=2) 10,4 µg/l ± 0,5 µg/l **Obtained from mass weighed out, U = uncertainty**

IFA result ± U (k=2) 10,2 µg/l ± 1,0 µg/l **Determined at IFA prior to shipment of samples**

Stability test ± U (k=2) 10,2 µg/l ± 1,0 µg/l **Determined at IFA 5 weeks after sample dispatch**

| Lab code | Result | Out | +/-  | Unit | Recovery | z-Score |
|----------|--------|-----|------|------|----------|---------|
| A        | 11,0   |     | 1,28 | µg/l | 106 %    | 0,30    |
| B        | 9,0    |     | 1,8  | µg/l | 87 %     | -0,71   |
| C        | 10     |     | 2    | µg/l | 96 %     | -0,20   |
| D        |        |     |      | µg/l |          |         |
| E        | 13,7   |     | 0,40 | µg/l | 132 %    | 1,67    |
| F        | 6,8    |     | 0,7  | µg/l | 65 %     | -1,82   |
| G        | < 20   |     |      | µg/l |          |         |
| H        |        |     |      | µg/l |          |         |
| I        | 11,0   |     |      | µg/l | 106%     | 0,30    |
| J        | 24,1   | *   | 1,51 | µg/l | 232 %    | 6,93    |
| K        | 10,09  |     | 1,22 | µg/l | 97 %     | -0,16   |
| L        | 2,76   | *   |      | µg/l | 27 %     | -3,87   |
| M        | 6,38   |     | 1,87 | µg/l | 61 %     | -2,03   |
| N        | < 5    |     | 0,5  | µg/l | FN       |         |
| O        | 15,6   | *   | 4    | µg/l | 150 %    | 2,63    |
| P        | 10,3   |     | 1,0  | µg/l | 99 %     | -0,05   |
| Q        | 10     |     | 1,14 | µg/l | 96 %     | -0,20   |
| R        | 8,88   |     | 0,46 | µg/l | 85 %     | -0,77   |
| S        |        |     |      | µg/l |          |         |
| T        | 9,03   |     | 0,08 | µg/l | 87 %     | -0,69   |
| U        | 22,5   | *   | 0,5  | µg/l | 216 %    | 6,12    |
| V        | 10,33  |     | 0,25 | µg/l | 99 %     | -0,04   |

Recovery of target value in percent

z-Score of the laboratory

An asterisk indicates a result detected as outlier by Hampel test

Interval expected to encompass target value as stated by participant

|                     | All results  | Outliers excl. | Unit |
|---------------------|--------------|----------------|------|
| Mean +/- CI (99%)   | 11,3 ± 3,8   | 9,7 ± 1,6      | µg/l |
| Recov. +/- CI (99%) | 108,3 ± 36,3 | 93,6 ± 15,1    | %    |
| SD between labs     | 5,3          | 1,9            | µg/l |
| RSD between labs    | 47,3         | 19,1           | %    |
| n for calculation   | 17           | 13             |      |

Between laboratory standard deviation

Overall laboratory mean and recovery with corresponding confidence intervals (p=99%)

Number of data used for calculation of statistic parameters

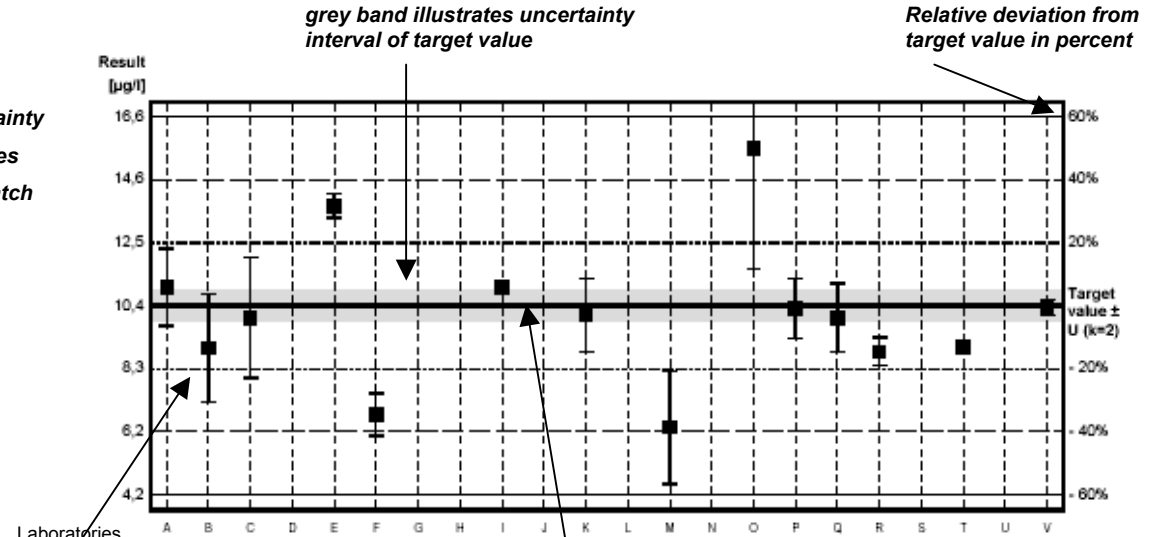
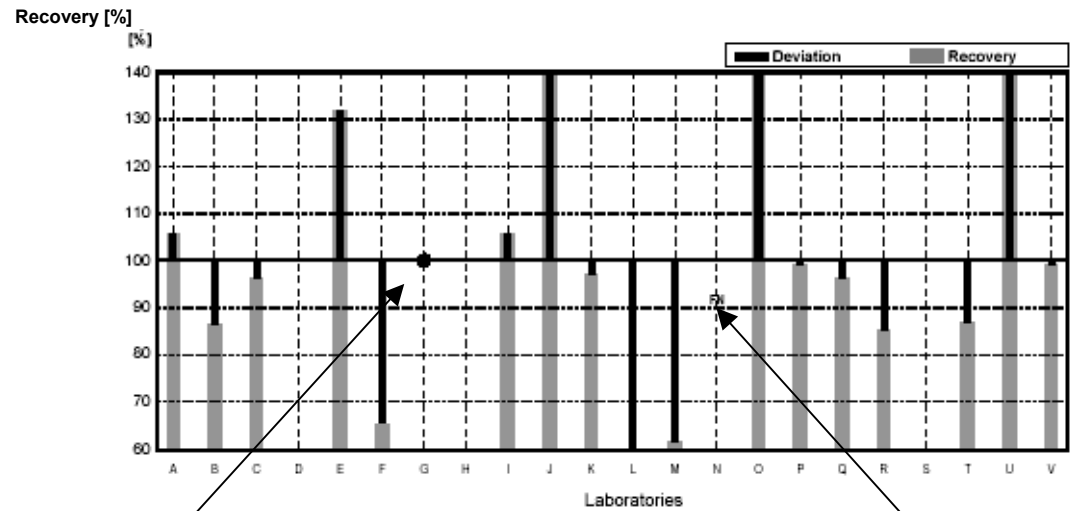


Diagram 1. Measurement results and corresponding uncertainty intervals

Result ± uncertainty as stated by participant

target value obtained from mass weight



Result neither false positive, false negative nor possible to calculate recovery

False negative: reported "<-result" is lower than target value

Diagram 2. Recoveries and deviations from target values

EXPLANATION

# Illustration of Results Tables and Parameter Oriented Part

Round C54  
Volatile Halogenated Hydrocarbons

Sample Dispatch: 4 May 2015



## Results Sample C54A

|                | Trichloro-ethene | Tetrachloro-ethene | 1,1,1-Tri-chloroethane | Trichloro-methane | Tetrachloro-methane | 1,1-Dichloro-ethene | Tribromo-methane |
|----------------|------------------|--------------------|------------------------|-------------------|---------------------|---------------------|------------------|
| Target value   | 1.81             | <0.06              | 0.64                   | 0.76              | 1.84                | 0.46                | 1.25             |
| IFA Result     | 1.77             | <0.03              | 0.68                   | 0.76              | 1.78                | 0.49                | 1.21             |
| Stability test | 1.78             | <0.03              | 0.69                   | 0.77              | 1.8                 | 0.48                | 1.24             |
| A              | 1.663            | <0.250             | 0.588                  | 0.681             | 1.726               |                     | 1.137            |
| B              | 1.83             | <0.2               |                        | 0.62              |                     |                     | 0.89             |
| C              | 1.52             | <0.1               | 0.97                   | 0.76              | 2.72                | 0.77                | 1.34             |
| D              | 2.2              | <0.1               | 1                      | 1                 | 2.8                 |                     | 1.3              |
| E              | 2.01             | <0.2               | 0.67                   | 0.72              | 2.1                 | 0.57                | 1.34             |
| F              | 1.674            | <0.020             | 0.64                   | 0.747             | 1.808               | 0.487               | 1.16             |
| G              | 1.68             | <0.06              | 0.71                   |                   | 7.95                |                     | 1.16             |
| H              | 1.52             | <0.10              | 0.53                   | 0.71              | 1.5                 | 0.49                | 1.11             |
| I              | 1.9              | <0.10              | 0.75                   | 0.82              | 2.12                | 0.63                | 1.45             |
| J              |                  |                    |                        |                   |                     |                     |                  |
| K              | 1.27             | <0.05 (BG)         | 0.67                   | 0.76              | 1.85                | 0.53                | 1.12             |
| L              | 1.81             | <0.17              |                        | 0.72              |                     |                     | 1.22             |
| M              | 1.64             | <0.1               |                        | 0.67              |                     |                     | 1.01             |
| N              | 1.75             | <0.30              | 0.65                   | 0.82              | 1.91                | n.a                 | 1.2              |
| O              | 1.54             | <0.1               | 0.57                   | 0.58              | 1.63                | 0.36                | 1.05             |
| P              | 1.7              | <0.1               | 0.57                   | 0.66              | 1.7                 |                     |                  |
| Q              | 1.6              | <0.1               | 0.6                    | 0.8               | 1.9                 | 0.8                 | 1                |
| R              | 2.09             | <0.5               | 0.81                   | 0.91              | 2.03                | 0.53                | 1.47             |
| S              | 1.59             | <0.2               | 0.6                    | 0.72              | 1.73                | 0.43                | 1.15             |
| T              | 1.53             | <0.5               | <0.5                   | 0.74              | 1.79                | 0.56                | 0.88             |
| U              | 1.78             | <0.03              | 0.68                   | 0.8               | 1.84                | 0.47                | 1.16             |
| V              | 1.93             | <0.04              | 0.74                   | 0.79              | 1.95                | 0.49                | 1.22             |
| W              | 1.8              | n.n.               | 0.7                    | 0.8               | 1.9                 | 1.3                 |                  |
| X              | 1.75             | <0.1               | 0.683                  | 0.717             | 1.73                | 0.55                | 1.07             |
| Y              | 2.425            | <0.124             |                        | 0.575             | 0.716               |                     | 1.652            |
| Z              | 1.6              | <0.13              | 0.57                   | 0.7               | 1.7                 | 0.44                | 1.2              |
| AA             | 1.59             | <0.10              | 0.74                   | 0.51              | 1.73                | n.a.                | 1.16             |
| AB             | 1.52             | <0.1               | 0.56                   | 0.62              | 1.53                | 0.44                | 1.09             |
| AC             | 1.63             | <0.004             | 0.59                   | 0.66              | 1.6                 | <1                  | 1.25             |
| AD             | 1.19             | <0.1               | 0.41                   | 0.55              | 1.14                | <0.5                | 0.81             |
| AE             |                  |                    |                        |                   |                     |                     |                  |
| AF             | 1.42             | <0.1               | 0.67                   | 0.82              | 1.92                | 0.46                | 1.29             |
| AG             | 1.93             | <0.5               | 0.75                   | 0.79              | 2.14                | 0.63                | 1.24             |
| AH             | 1.5              | <0.030             | 0.55                   | 0.65              | 1.7                 | 0.5                 | 1.1              |
| AI             | 2.04             | <0.05              | 0.71                   | 0.74              | 1.98                | 0.42                | 1.24             |

All data in µg/L



## Uncertainties Sample C54A

|                | Trichloro-ethene ± | Tetrachloro-ethene ± | 1,1,1-Tri-chloroethane ± | Trichloro-methane ± | Tetrachloro-methane ± | 1,1-Dichloro-ethene ± | Tribromo-methane ± |
|----------------|--------------------|----------------------|--------------------------|---------------------|-----------------------|-----------------------|--------------------|
| Target value   | 0.09               |                      | 0.03                     | 0.04                | 0.09                  | 0.02                  | 0.06               |
| IFA Result     | 0.27               |                      | 0.10                     | 0.11                | 0.27                  | 0.07                  | 0.18               |
| Stability test | 0.27               |                      | 0.10                     | 0.12                | 0.27                  | 0.07                  | 0.19               |
| A              | 0.089              | 0.069                | 0.199                    | 0.083               | 0.126                 |                       | 0.433              |
| B              | 0.41               | 0.05                 |                          | 0.15                |                       |                       | 0.13               |
| C              | 0.17               |                      | 0.19                     | 0.21                | 0.555                 | 0.667                 | 0.211              |
| D              |                    |                      |                          |                     |                       |                       |                    |
| E              | 0.6                | 0.06                 | 0.2                      | 0.22                | 0.63                  | 0.17                  | 0.4                |
| F              | 0.335              |                      | 0.128                    | 0.149               | 0.362                 | 0.097                 | 0.232              |
| G              | 0.1                |                      | 0.1                      |                     | 0.1                   |                       | 0.08               |
| H              | 0.38               |                      | 0.13                     | 0.18                | 0.38                  | 0.12                  | 0.28               |
| I              | 0.29               | 0.04                 | 0.11                     | 0.12                | 0.32                  | 0.09                  | 0.22               |
| J              |                    |                      |                          |                     |                       |                       |                    |
| K              | 0.25               |                      | 0.15                     | 0.15                | 0.35                  | 0.1                   | 0.25               |
| L              | 0.034              |                      |                          | 0.046               |                       |                       | 0.019              |
| M              | 0.1                |                      |                          | 0.05                |                       |                       | 0.05               |
| N              | 0.35               | 0.15                 | 0.2                      | 0.25                | 0.38                  |                       | 0.25               |
| O              | 0.385              |                      | 0.143                    | 0.152               | 0.408                 | 0.09                  | 0.263              |
| P              | 0.2                |                      | 0.15                     | 0.15                | 0.2                   |                       |                    |
| Q              | 0.29               |                      | 0.12                     | 0.14                | 0.35                  | 0.15                  | 0.18               |
| R              |                    |                      | 0.02                     | 0.01                | 0.03                  | 0.01                  | 0.01               |
| S              | 0.24               |                      | 0.09                     | 0.11                | 0.26                  | 0.06                  | 0.17               |
| T              | 0.4                |                      |                          | 0.14                | 0.39                  | 0.12                  | 0.16               |
| U              | 0.2                |                      | 0.07                     | 0.08                | 0.2                   | 0.05                  | 0.1                |
| V              | 0.39               |                      | 0.15                     | 0.16                | 0.39                  | 0.1                   | 0.24               |
| W              | 0.18               |                      | 0.07                     | 0.08                | 0.19                  | 0.13                  |                    |
| X              | 0.35               |                      | 0.137                    | 0.143               | 0.35                  | 0.11                  | 0.21               |
| Y              |                    |                      |                          |                     |                       |                       |                    |
| Z              | 0.1                |                      | 0.02                     | 0.03                | 0.04                  | 0.03                  | 0.05               |
| AA             | 0.15               |                      | 0.15                     | 0.1                 | 0.15                  |                       | 0.15               |
| AB             | 0.23               |                      | 0.08                     | 0.09                | 0.23                  | 0.07                  | 0.16               |
| AC             | 0.33               |                      | 0.12                     | 0.13                | 0.32                  |                       | 0.19               |
| AD             | 0.18               |                      | 0.06                     | 0.08                | 0.17                  |                       | 0.12               |
| AE             |                    |                      |                          |                     |                       |                       |                    |
| AF             | 0.142              |                      | 0.07                     | 0.08                | 0.192                 | 0.05                  | 0.129              |
| AG             | 0.39               |                      | 0.22                     | 0.24                | 0.43                  | 0.19                  | 0.37               |
| AH             | 0.31               |                      | 0.11                     | 0.13                | 0.33                  | 0.1                   | 0.22               |
| AI             | 0.134              |                      | 0.051                    | 0.087               | 0.109                 | 0.155                 | 0.069              |

All data in µg/L

## Results Sample C54A

|                | Bromodichloro-<br>methane | Dibromochloro-<br>methane | Dichloro-<br>methane | 1,2-Dichloro-<br>ethane | cis-1,2-<br>Dichloroethene | trans-1,2-<br>Dichloroethene |
|----------------|---------------------------|---------------------------|----------------------|-------------------------|----------------------------|------------------------------|
| Target value   | <0.06                     | 0.49                      | 1.42                 | 2.09                    | 1.09                       | 1.88                         |
| IFA Result     | <0.03                     | 0.50                      | 1.42                 | 2.12                    | 1.06                       | 1.86                         |
| Stability test | <0.03                     | 0.50                      | 1.44                 | 2.13                    | 1.07                       | 1.84                         |
| A              | <0.250                    | 0.431                     | 1.456                | 1.883                   | 1.061                      | 1.856                        |
| B              | <0.2                      | 0.46                      |                      | 47.57                   |                            |                              |
| C              | <0.05                     | 0.49                      | 1.56                 | 1.97                    | <2                         | 2.34                         |
| D              | <0.1                      | 0.6                       |                      |                         |                            |                              |
| E              | <0.2                      | 0.51                      | 1.62                 | 2.41                    | 1.31                       | 2.07                         |
| F              | <0.020                    | 0.499                     | 1.641                | 2.242                   | 1.144                      | 1.856                        |
| G              | <0.06                     | 0.56                      |                      |                         |                            |                              |
| H              | <0.10                     | 0.42                      | 1.55                 | 1.99                    | 1.12                       | 1.98                         |
| I              | <0.10                     | 0.62                      | 2.36                 | 2.27                    | 1.20                       | 2.32                         |
| J              |                           |                           |                      |                         |                            |                              |
| K              | <0.05 (BG)                | 0.40                      | 1.44                 | 2.05                    | 1.11                       | 1.85                         |
| L              | <0.51                     | 0.54                      |                      | 2.10                    |                            |                              |
| M              | <0.1                      | 0.45                      |                      | 1.91                    |                            |                              |
| N              | <0.50                     | 0.50                      | 1.54                 | 2.09                    | 1.07                       | n.a.                         |
| O              | <0.1                      | 0.43                      | 1.31                 | <3.0                    |                            |                              |
| P              |                           |                           | 1.3                  |                         | 1.1                        |                              |
| Q              | <0.1                      | 0.4                       | 1.5                  | 2.0                     | 0.9                        | 2.1                          |
| R              | <1.0                      | 0.54                      | 1.52                 | 2.02                    | 1.40                       | 2.11                         |
| S              | <0.3                      | 0.46                      | 1.39                 | 1.94                    |                            |                              |
| T              | <0.5                      | <0.5                      | 1.15                 | 2.05                    | 1.02                       | 1.61                         |
| U              | <0.03                     | 0.51                      | 1.39                 | 2.19                    | 1.16                       | 2.08                         |
| V              | <0.05                     | 0.48                      | 1.51                 | 2.23                    | 1.05                       | 2.05                         |
| W              |                           |                           | 2.2                  | 2.4                     | 3.1                        |                              |
| X              | <0.1                      | 0.460                     | 1.31                 | 1.86                    | 3.21                       | 1.950                        |
| Y              | <0.131                    | 0.502                     |                      |                         |                            |                              |
| Z              | <0.2                      | 0.42                      | 1.3                  | 1.7                     | 0.99                       | 1.8                          |
| AA             | <0.10                     | 0.47                      | 1.19                 | 1.95                    | n.a.                       | n.a.                         |
| AB             | <0.1                      | 0.43                      | 1.30                 | 1.77                    | 1.02                       | 1.76                         |
| AC             | <0.01                     | 0.48                      | 1.84                 | 2.74                    | <15                        | <10                          |
| AD             | <0.1                      | 0.34                      | <5.0                 | 1.87                    | 0.91                       | 1.62                         |
| AE             |                           |                           |                      |                         |                            |                              |
| AF             | <0.1                      | 0.45                      | 1.38                 | 2.46                    | 0.94                       | 1.70                         |
| AG             | <0.5                      | 0.52                      | 1.72                 | 2.24                    | 1.17                       | 2.12                         |
| AH             | <0.030                    | 0.42                      | 1.5                  | 2.1                     | 1.0                        | 2.2                          |
| AI             | <0.05                     | 0.54                      | 1.5                  | 2.15                    | 1.14                       | 2.01                         |

All data in µg/L

## Uncertainties Sample C54A

|                | Bromodichloro-<br>methane ± | Dibromochloro-<br>methane ± | Dichloro-<br>methane ± | 1,2-Dichloro-<br>ethane ± | cis-1,2-<br>Dichloroethene ± | trans-1,2-<br>Dichloroethene ± |
|----------------|-----------------------------|-----------------------------|------------------------|---------------------------|------------------------------|--------------------------------|
| Target value   |                             | 0.02                        | 0.07                   | 0.10                      | 0.05                         | 0.09                           |
| IFA Result     |                             | 0.08                        | 0.21                   | 0.32                      | 0.16                         | 0.28                           |
| Stability test |                             | 0.08                        | 0.22                   | 0.32                      | 0.16                         | 0.28                           |
| A              | 0.196                       | 0.048                       | 0.571                  | 0.707                     | 0.400                        | 0.639                          |
| B              | 0.03                        | 0.05                        |                        | 8.0                       |                              |                                |
| C              |                             | 0.054                       | 0.363                  | 0.847                     |                              |                                |
| D              |                             |                             |                        |                           |                              |                                |
| E              | 0.06                        | 0.15                        | 0.49                   | 0.72                      | 0.39                         | 0.62                           |
| F              |                             | 0.100                       | 0.328                  | 0.448                     | 0.229                        | 0.371                          |
| G              |                             | 0.02                        |                        |                           |                              |                                |
| H              |                             | 0.10                        | 0.39                   | 0.50                      | 0.28                         | 0.50                           |
| I              | 0.04                        | 0.22                        | 0.34                   | 0.34                      | 0.18                         | 0.35                           |
| J              |                             |                             |                        |                           |                              |                                |
| K              |                             | 0.10                        | 0.25                   | 0.40                      | 0.25                         | 0.40                           |
| L              |                             | 0.021                       |                        | 0.028                     |                              |                                |
| M              |                             | 0.03                        |                        | 0.2                       |                              |                                |
| N              | 0.15                        | 0.15                        | 0.31                   | 0.42                      | 0.27                         |                                |
| O              |                             | 0.086                       | 0.262                  |                           |                              |                                |
| P              |                             |                             | 0.2                    |                           | 0.2                          |                                |
| Q              |                             | 0.08                        | 0.27                   | 0.36                      | 0.17                         | 0.37                           |
| R              |                             | 0.01                        | 0.01                   | 0.01                      | 0.06                         | 0.02                           |
| S              |                             | 0.07                        | 0.21                   | 0.29                      |                              |                                |
| T              |                             |                             | 0.25                   | 0.33                      | 0.22                         | 0.35                           |
| U              |                             | 0.05                        | 0.1                    | 0.2                       | 0.1                          | 0.2                            |
| V              |                             | 0.10                        | 0.30                   | 0.45                      | 0.21                         | 0.41                           |
| W              |                             |                             | 0.22                   | 0.24                      | 0.31                         |                                |
| X              |                             | 0.092                       | 0.26                   | 0.37                      | 0.64                         | 0.39                           |
| Y              |                             |                             |                        |                           |                              |                                |
| Z              |                             | 0.02                        | 0.04                   | 0.12                      | 0.06                         | 0.13                           |
| AA             |                             | 0.10                        | 0.15                   | 0.20                      |                              |                                |
| AB             |                             | 0.06                        | 0.20                   | 0.27                      | 0.15                         | 0.26                           |
| AC             |                             | 0.07                        | 0.46                   | 0.55                      |                              |                                |
| AD             |                             | 0.05                        |                        | 0.28                      | 0.14                         | 0.24                           |
| AE             |                             |                             |                        |                           |                              |                                |
| AF             |                             | 0.05                        | 0.138                  | 0.246                     | 0.1                          | 0.170                          |
| AG             |                             | 0.16                        | 0.34                   | 0.45                      | 0.23                         | 0.42                           |
| AH             |                             | 0.084                       | 0.30                   | 0.42                      | 0.20                         | 0.43                           |
| AI             |                             | 0.019                       | 0.10                   | 0.087                     | 0.243                        | 0.082                          |

All data in µg/L

## Results Sample C54B

|                | Trichloro-ethene | Tetrachloro-ethene | 1,1,1-Tri-chloroethane | Trichloro-methane | Tetrachloro-methane | 1,1-Dichloro-ethene | Tribromo-methane |
|----------------|------------------|--------------------|------------------------|-------------------|---------------------|---------------------|------------------|
| Target value   | 0.19             | 1.33               | 0.41                   | <0.14             | 0.30                | 1.73                | 0.36             |
| IFA Result     | 0.20             | 1.34               | 0.45                   | <0.07             | 0.33                | 1.73                | 0.37             |
| Stability test | 0.20             | 1.34               | 0.45                   | <0.07             | 0.31                | 1.74                | 0.37             |
| A              | 0.167            | 1.261              | 0.383                  | <0.250            | 0.293               |                     | 0.367            |
| B              | 0.27             | 0.87               |                        | <0.2              |                     |                     | 0.39             |
| C              | 0.19             | 1.94               | 0.65                   | <0.05             | 0.45                | 2.48                | 0.43             |
| D              | 0.3              | 2.1                | 0.6                    | <0.5              | 0.8                 |                     | 0.5              |
| E              | <0.5             | 1.52               | 0.40                   | <0.2              | 0.28                | 1.94                | 0.47             |
| F              | 0.188            | 1.020              | 0.425                  | <0.020            | 0.302               | 1.880               | 0.342            |
| G              | 0.29             | 1.19               | 0.50                   | 0.52              | 2.27                |                     | 0.43             |
| H              | 0.16             | 0.94               | 0.38                   | <0.10             | 0.28                | 1.71                | 0.39             |
| I              | 0.30             | 1.22               | 0.45                   | <0.10             | 0.34                | 2.04                | 0.40             |
| J              |                  |                    |                        |                   |                     |                     |                  |
| K              |                  |                    |                        |                   |                     |                     |                  |
| L              | 0.16             | 1.30               |                        | <0.56             |                     |                     | <1.11            |
| M              | 0.22             | 1.22               |                        | <0.1              |                     |                     | 0.32             |
| N              | <0.50            | 1.18               | 0.39                   | <0.50             | 0.30                | n.a.                | <0.50            |
| O              | 0.16             | 1.07               | 0.36                   | <0.1              | 0.27                | 1.47                | 0.31             |
| P              | 0.10             | 1.0                | 0.31                   | <0.1              | 0.18                |                     |                  |
| Q              | 0.2              | 1.1                | 0.4                    | <0.1              | 0.3                 | 2.6                 | 0.3              |
| R              | <0.5             | 1.39               | 0.53                   | <0.5              | <0.5                | 1.93                | 0.48             |
| S              | <0.3             | 1.12               | 0.38                   | <0.3              | 0.28                | 1.58                | 0.33             |
| T              | <0.5             | 1.36               | <0.5                   | <0.5              | <0.5                | 2.85                | <0.5             |
| U              | 0.22             | 1.36               | 0.46                   | <0.03             | 0.41                | 1.70                | 0.3              |
| V              | 0.19             | 1.40               | 0.43                   | <0.06             | 0.31                | 2.11                | 0.33             |
| W              | 0.2              | 1.2                | 0.5                    | n.n.              | 0.3                 | 4.8                 |                  |
| X              | 0.200            | 1.16               | 0.441                  | <0.1              | 0.290               | 1.989               | 0.320            |
| Y              | 0.204            | 0.353              |                        | <0.162            | 0.365               |                     | 0.423            |
| Z              | 0.16             | 1.0                | 0.37                   | <0.15             | 0.27                | 1.7                 | 0.24             |
| AA             | 0.14             | 1.08               | 0.47                   | <0.10             | 0.30                | n.a.                | 0.34             |
| AB             | 0.16             | 1.06               | 0.35                   | <0.1              | 0.24                | 1.74                | 0.32             |
| AC             | 0.17             | 1.17               | 0.38                   | <0.04             | 0.27                | 1.64                | 0.34             |
| AD             | 0.27             | 1.19               | 0.33                   | <0.1              | 0.29                | 1.53                | 0.37             |
| AE             |                  |                    |                        |                   |                     |                     |                  |
| AF             | 0.15             | 1.20               | 0.44                   | <0.1              | 0.31                | 1.74                | 0.32             |
| AG             | <0.5             | 1.51               | 0.52                   | <0.5              | <0.5                | 2.37                | <0.5             |
| AH             | 0.16             | 1.1                | 0.35                   | <0.030            | 0.27                | 2.0                 | 0.28             |
| AI             | 0.19             | 1.47               | 0.42                   | <0.05             | 0.32                | 1.84                | 0.34             |

All data in µg/L

## Uncertainties Sample C54B

|                | Trichloro-<br>ethene ± | Tetrachloro-<br>ethene ± | 1,1,1-Tri-<br>chloroethane ± | Trichloro-<br>methane ± | Tetrachloro-<br>methane ± | 1,1-Dichloro-<br>ethene ± | Tribromo-<br>methane ± |
|----------------|------------------------|--------------------------|------------------------------|-------------------------|---------------------------|---------------------------|------------------------|
| Target value   | 0.01                   | 0.07                     | 0.02                         |                         | 0.02                      | 0.09                      | 0.02                   |
| IFA Result     | 0.03                   | 0.20                     | 0.07                         |                         | 0.05                      | 0.26                      | 0.06                   |
| Stability test | 0.03                   | 0.20                     | 0.07                         |                         | 0.05                      | 0.26                      | 0.06                   |
| A              | 0.009                  | 0.284                    | 0.130                        | 0.121                   | 0.022                     |                           | 0.030                  |
| B              | 0.06                   | 0.20                     |                              | 0.05                    |                           |                           | 0.06                   |
| C              | 0.021                  | 0.148                    | 0.128                        |                         | 0.092                     | 0.667                     | 0.068                  |
| D              |                        |                          |                              |                         |                           |                           |                        |
| E              | 0.15                   | 0.46                     | 0.12                         | 0.06                    | 0.08                      | 0.58                      | 0.14                   |
| F              | 0.038                  | 0.204                    | 0.085                        |                         | 0.060                     | 0.376                     | 0.068                  |
| G              | 0.05                   | 0.12                     | 0.10                         | 0.02                    | 0.15                      |                           | 0.02                   |
| H              | 0.04                   | 0.23                     | 0.09                         |                         | 0.07                      | 0.43                      | 0.10                   |
| I              | 0.10                   | 0.18                     | 0.16                         | 0.04                    | 0.12                      | 0.31                      | 0.14                   |
| J              |                        |                          |                              |                         |                           |                           |                        |
| K              |                        |                          |                              |                         |                           |                           |                        |
| L              | 0.036                  | 0.042                    |                              |                         |                           |                           |                        |
| M              | 0.05                   | 0.08                     |                              |                         |                           |                           | 0.03                   |
| N              | 0.15                   | 0.30                     | 0.12                         | 0.15                    | 0.10                      |                           | 0.15                   |
| O              | 0.040                  | 0.268                    | 0.09                         |                         | 0.068                     | 0.368                     | 0.078                  |
| P              | 0.05                   | 0.2                      | 0.10                         |                         | 0.08                      |                           |                        |
| Q              | 0.05                   | 0.2                      | 0.08                         |                         | 0.07                      | 0.46                      | 0.05                   |
| R              |                        | 0.02                     | 0.01                         |                         |                           | 0.04                      | 0.02                   |
| S              |                        | 0.17                     | 0.06                         |                         | 0.04                      | 0.24                      | 0.05                   |
| T              |                        | 0.24                     |                              |                         |                           | 0.63                      |                        |
| U              | 0.2                    | 0.1                      | 0.05                         |                         | 0.04                      | 0.2                       | 0.03                   |
| V              | 0.04                   | 0.28                     | 0.09                         |                         | 0.06                      | 0.42                      | 0.07                   |
| W              | 0.02                   | 0.12                     | 0.05                         |                         | 0.03                      | 0.48                      |                        |
| X              | 0.040                  | 0.23                     | 0.088                        |                         | 0.058                     | 0.40                      | 0.064                  |
| Y              |                        |                          |                              |                         |                           |                           |                        |
| Z              | 0.01                   | 0.07                     | 0.01                         |                         | 0.01                      | 0.11                      | 0.01                   |
| AA             | 0.07                   | 0.15                     | 0.10                         |                         | 0.10                      |                           | 0.15                   |
| AB             | 0.02                   | 0.16                     | 0.05                         |                         | 0.04                      | 0.26                      | 0.05                   |
| AC             | 0.03                   | 0.23                     | 0.08                         |                         | 0.05                      | 0.33                      | 0.05                   |
| AD             | 0.04                   | 0.18                     | 0.05                         |                         | 0.043                     | 0.23                      | 0.055                  |
| AE             |                        |                          |                              |                         |                           |                           |                        |
| AF             | 0.02                   | 0.120                    | 0.05                         |                         | 0.03                      | 0.174                     | 0.04                   |
| AG             |                        | 0.30                     | 0.16                         |                         |                           | 0.47                      |                        |
| AH             | 0.031                  | 0.22                     | 0.069                        |                         | 0.054                     | 0.39                      | 0.056                  |
| AI             | 0.007                  | 0.118                    | 0.054                        |                         | 0.016                     | 0.132                     | 0.014                  |

All data in µg/L

## Results Sample C54B

|                | Bromodichloro-<br>methane | Dibromochloro-<br>methane | Dichloro-<br>methane | 1,2-Dichloro-<br>ethane | cis-1,2-<br>Dichloroethene | trans-1,2-<br>Dichloroethene |
|----------------|---------------------------|---------------------------|----------------------|-------------------------|----------------------------|------------------------------|
| Target value   | 0.53                      | 2.26                      | 4.33                 | 0.74                    | 0.35                       | 0.90                         |
| IFA Result     | 0.53                      | 2.21                      | 4.31                 | 0.75                    | 0.36                       | 0.92                         |
| Stability test | 0.54                      | 2.27                      | 4.42                 | 0.77                    | 0.36                       | 0.92                         |
| A              | 0.503                     | 2.137                     | 4.577                | 0.687                   | 0.356                      | 0.876                        |
| B              | 0.51                      | 1.95                      |                      | 26.68                   |                            |                              |
| C              | 0.55                      | 2.22                      | 4.01                 | 0.77                    | <2                         | <2                           |
| D              | 0.4                       | 2.8                       |                      |                         |                            |                              |
| E              | 0.52                      | 2.24                      | 4.77                 | 0.88                    | 0.46                       | 1.02                         |
| F              | 0.539                     | 2.082                     | 5.158                | 0.783                   | 0.382                      | 0.923                        |
| G              | 0.67                      | 2.5                       |                      |                         |                            |                              |
| H              | 0.55                      | 2.27                      | 4.75                 | 0.79                    | 0.35                       | 0.90                         |
| I              | 0.61                      | 2.52                      | 6.28                 | 0.71                    | 0.37                       | 1.03                         |
| J              |                           |                           |                      |                         |                            |                              |
| K              |                           |                           |                      |                         |                            |                              |
| L              | 0.54                      | 2.23                      |                      | 0.72                    |                            |                              |
| M              | 0.52                      | 2.0                       |                      | 0.65                    |                            |                              |
| N              | 0.52                      | 2.32                      | 4.62                 | 0.77                    | 0.34                       | n.a.                         |
| O              | 0.46                      | 1.88                      | 3.72                 | <3.0                    |                            |                              |
| P              |                           |                           | 3.9                  |                         | 0.36                       |                              |
| Q              | 0.5                       | 2.0                       | 4.7                  | 0.7                     | 0.3                        | 1.0                          |
| R              | 0.60                      | 2.45                      | 4.28                 | 0.70                    | <0.5                       | 1.04                         |
| S              | 0.50                      | 2.12                      | 4.25                 | 0.70                    |                            |                              |
| T              | 0.52                      | 1.03                      | 5.51                 | 0.79                    | <0.5                       | 1.07                         |
| U              | 0.56                      | 2.22                      | 4.14                 | 0.79                    | 0.43                       | 1.04                         |
| V              | 0.51                      | 2.27                      | 4.48                 | 0.78                    | 0.34                       | 0.94                         |
| W              |                           |                           | 6.1                  | 0.9                     | 1.7                        |                              |
| X              | 0.511                     | 1.97                      | 3.97                 | <1                      | 1.84                       | <1                           |
| Y              | 0.509                     | 1.659                     |                      |                         |                            |                              |
| Z              | 0.47                      | 1.8                       | 4.0                  | 0.62                    | 0.32                       | 0.86                         |
| AA             | 0.53                      | 2.01                      | 3.58                 | 0.67                    | n.a.                       | n.a.                         |
| AB             | 0.45                      | 1.93                      | 3.84                 | 0.60                    | <0.5                       | 0.82                         |
| AC             | 0.51                      | 2.15                      | 4.90                 | 1.06                    | <15                        | <10                          |
| AD             | 0.53                      | 1.83                      | 5.9                  | 0.82                    | <0.5                       | 1.05                         |
| AE             |                           |                           |                      |                         |                            |                              |
| AF             | 0.53                      | 2.05                      | 3.99                 | 0.84                    | 0.31                       | 0.83                         |
| AG             | 0.53                      | 2.31                      | 4.77                 | 0.81                    | <0.5                       | 1.00                         |
| AH             | 0.54                      | 2.0                       | 4.6                  | 0.74                    | 0.32                       | 1.0                          |
| AI             | 0.55                      | 2.28                      | 4.3                  | 0.73                    | 0.37                       | 0.86                         |

All data in µg/L

## Uncertainties Sample C54B

|                | Bromodichloro-<br>methane ± | Dibromochloro-<br>methane ± | Dichloro-<br>methane ± | 1,2-Dichloro-<br>ethane ± | cis-1,2-<br>Dichloroethene ± | trans-1,2-<br>Dichloroethene ± |
|----------------|-----------------------------|-----------------------------|------------------------|---------------------------|------------------------------|--------------------------------|
| Target value   | 0.03                        | 0.11                        | 0.22                   | 0.04                      | 0.02                         | 0.05                           |
| IFA Result     | 0.08                        | 0.33                        | 0.65                   | 0.11                      | 0.05                         | 0.14                           |
| Stability test | 0.08                        | 0.34                        | 0.66                   | 0.12                      | 0.05                         | 0.14                           |
| A              | 0.098                       | 0.412                       | 1.906                  | 0.258                     | 0.134                        | 0.338                          |
| B              | 0.09                        | 0.21                        |                        | 4.5                       |                              |                                |
| C              | 0.087                       | 0.249                       | 0.929                  | 0.331                     |                              |                                |
| D              |                             |                             |                        |                           |                              |                                |
| E              | 0.16                        | 0.67                        | 1.43                   | 0.26                      | 0.14                         | 0.31                           |
| F              | 0.108                       | 0.416                       | 1.360                  | 0.157                     | 0.076                        | 0.185                          |
| G              | 0.03                        | 0.15                        |                        |                           |                              |                                |
| H              | 0.14                        | 0.57                        | 1.19                   | 0.20                      | 0.09                         | 0.23                           |
| I              | 0.10                        | 0.38                        | 0.94                   | 0.11                      | 0.13                         | 0.15                           |
| J              |                             |                             |                        |                           |                              |                                |
| K              |                             |                             |                        |                           |                              |                                |
| L              | 0.060                       | 0.053                       |                        | 0.024                     |                              |                                |
| M              | 0.03                        | 0.2                         |                        | 0.1                       |                              |                                |
| N              | 0.16                        | 0.46                        | 0.92                   | 0.23                      | 0.10                         |                                |
| O              | 0.092                       | 0.376                       | 0.744                  |                           |                              |                                |
| P              |                             |                             | 0.2                    |                           | 0.10                         |                                |
| Q              | 0.09                        | 0.39                        | 0.85                   | 0.13                      | 0.06                         | 0.19                           |
| R              | 0.01                        | 0.03                        | 0.02                   | 0.02                      |                              | 0.03                           |
| S              | 0.08                        | 0.32                        | 0.64                   | 0.11                      |                              |                                |
| T              | 0.90                        | 0.16                        | 1.21                   | 0.13                      |                              | 0.24                           |
| U              | 0.06                        | 0.2                         | 0.4                    | 0.08                      | 0.04                         | 0.1                            |
| V              | 0.10                        | 0.45                        | 0.90                   | 0.16                      | 0.07                         | 0.19                           |
| W              |                             |                             | 0.61                   | 0.09                      | 0.17                         |                                |
| X              | 0.102                       | 0.39                        | 0.79                   |                           | 0.37                         |                                |
| Y              |                             |                             |                        |                           |                              |                                |
| Z              | 0.03                        | 0.11                        | 0.13                   | 0.04                      | 0.02                         | 0.06                           |
| AA             | 0.10                        | 0.20                        | 0.35                   | 0.15                      |                              |                                |
| AB             | 0.07                        | 0.29                        | 0.58                   | 0.09                      |                              | 0.12                           |
| AC             | 0.08                        | 0.32                        | 1.23                   | 0.21                      |                              |                                |
| AD             | 0.08                        | 0.27                        | 0.88                   | 0.12                      |                              | 0.15                           |
| AE             |                             |                             |                        |                           |                              |                                |
| AF             | 0.06                        | 0.205                       | 0.4                    | 0.09                      | 0.04                         | 0.09                           |
| AG             | 0.16                        | 0.46                        | 0.95                   | 0.24                      |                              | 0.20                           |
| AH             | 0.11                        | 0.40                        | 0.93                   | 0.15                      | 0.063                        | 0.21                           |
| AI             | 0.010                       | 0.201                       | 0.25                   | 0.066                     | 0.016                        | 0.088                          |

All data in µg/L

# Sample C54A

## Parameter Trichloroethene

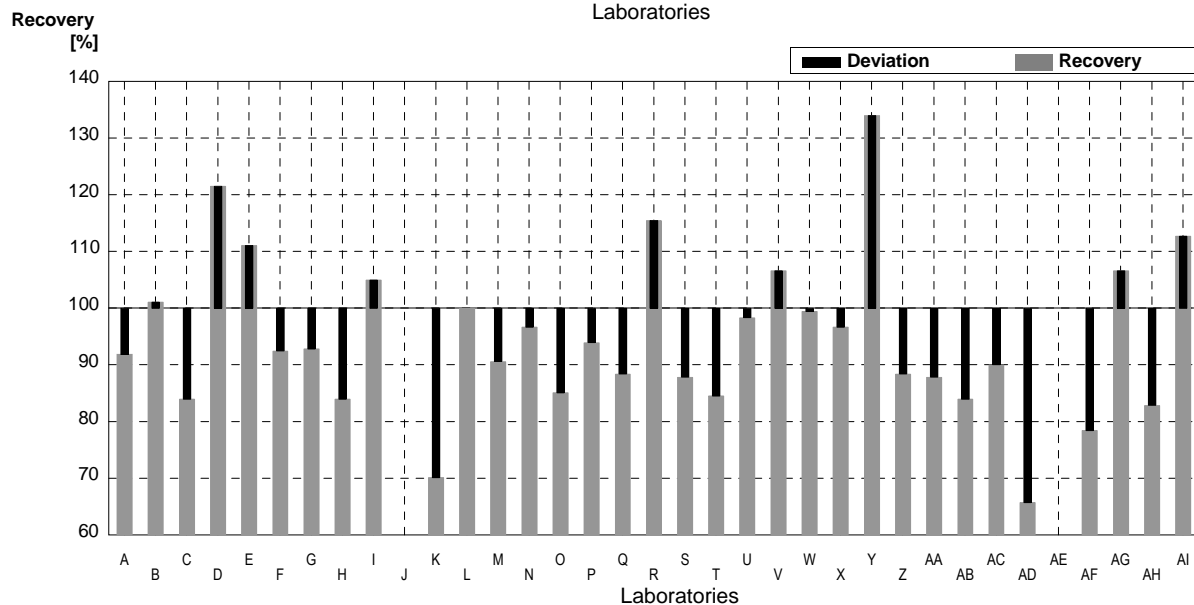
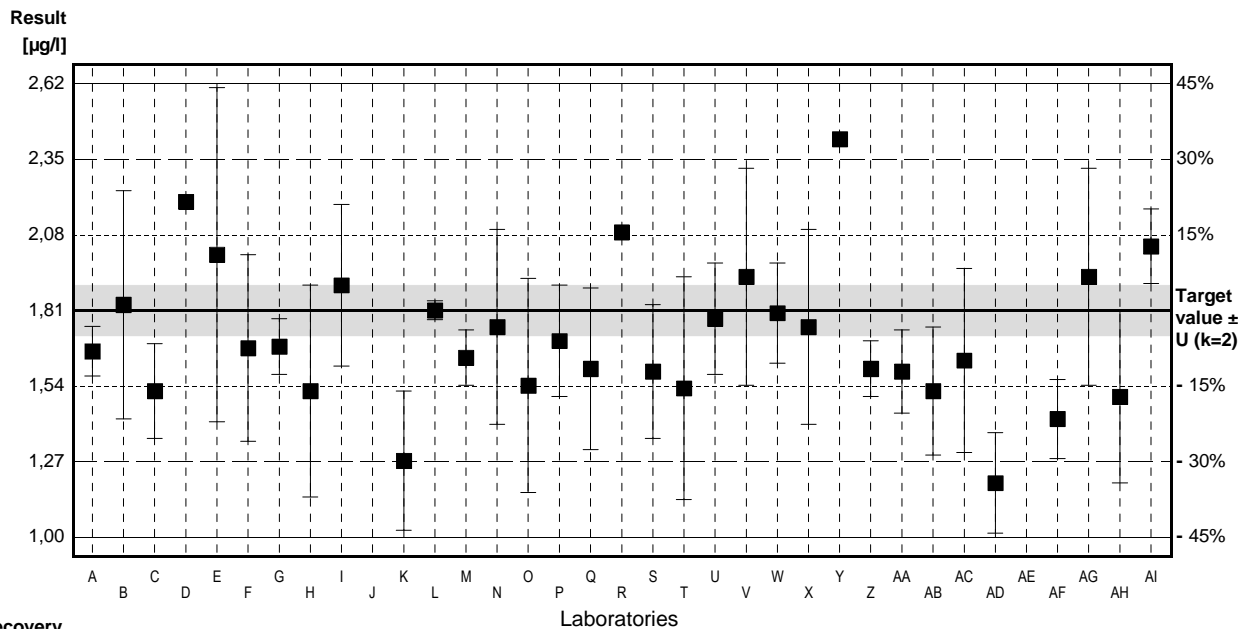
Target value ± U (k=2) 1,81 µg/l ± 0,09 µg/l

IFA result ± U (k=2) 1,77 µg/l ± 0,27 µg/l

Stability test ± U (k=2) 1,78 µg/l ± 0,27 µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 1,663   | 0,089 | µg/l | 92%      | -0,48   |
| B        | 1,83    | 0,41  | µg/l | 101%     | 0,06    |
| C        | 1,52    | 0,170 | µg/l | 84%      | -0,94   |
| D        | 2,2     |       | µg/l | 122%     | 1,27    |
| E        | 2,01    | 0,60  | µg/l | 111%     | 0,65    |
| F        | 1,674   | 0,335 | µg/l | 92%      | -0,44   |
| G        | 1,68    | 0,10  | µg/l | 93%      | -0,42   |
| H        | 1,52    | 0,38  | µg/l | 84%      | -0,94   |
| I        | 1,90    | 0,29  | µg/l | 105%     | 0,29    |
| J        |         |       | µg/l |          |         |
| K        | 1,27    | 0,25  | µg/l | 70%      | -1,75   |
| L        | 1,81    | 0,034 | µg/l | 100%     | 0,00    |
| M        | 1,64    | 0,1   | µg/l | 91%      | -0,55   |
| N        | 1,75    | 0,35  | µg/l | 97%      | -0,19   |
| O        | 1,54    | 0,385 | µg/l | 85%      | -0,88   |
| P        | 1,7     | 0,2   | µg/l | 94%      | -0,36   |
| Q        | 1,6     | 0,29  | µg/l | 88%      | -0,68   |
| R        | 2,09    |       | µg/l | 115%     | 0,91    |
| S        | 1,59    | 0,24  | µg/l | 88%      | -0,71   |
| T        | 1,53    | 0,40  | µg/l | 85%      | -0,91   |
| U        | 1,78    | 0,2   | µg/l | 98%      | -0,10   |
| V        | 1,93    | 0,39  | µg/l | 107%     | 0,39    |
| W        | 1,8     | 0,18  | µg/l | 99%      | -0,03   |
| X        | 1,75    | 0,35  | µg/l | 97%      | -0,19   |
| Y        | 2,425 * |       | µg/l | 134%     | 2,00    |
| Z        | 1,6     | 0,10  | µg/l | 88%      | -0,68   |
| AA       | 1,59    | 0,15  | µg/l | 88%      | -0,71   |
| AB       | 1,52    | 0,23  | µg/l | 84%      | -0,94   |
| AC       | 1,63    | 0,33  | µg/l | 90%      | -0,58   |
| AD       | 1,19    | 0,18  | µg/l | 66%      | -2,01   |
| AE       |         |       | µg/l |          |         |
| AF       | 1,42    | 0,142 | µg/l | 78%      | -1,27   |
| AG       | 1,93    | 0,39  | µg/l | 107%     | 0,39    |
| AH       | 1,5     | 0,31  | µg/l | 83%      | -1,01   |
| AI       | 2,04    | 0,134 | µg/l | 113%     | 0,75    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,72 ± 0,12 | 1,69 ± 0,11    | µg/l |
| Recov. ± CI(99%)  | 94,8 ± 6,7  | 93,6 ± 6,1     | %    |
| SD between labs   | 0,26        | 0,23           | µg/l |
| RSD between labs  | 14,9        | 13,3           | %    |
| n for calculation | 33          | 32             |      |





### Sample C54B

#### Parameter Trichloroethene

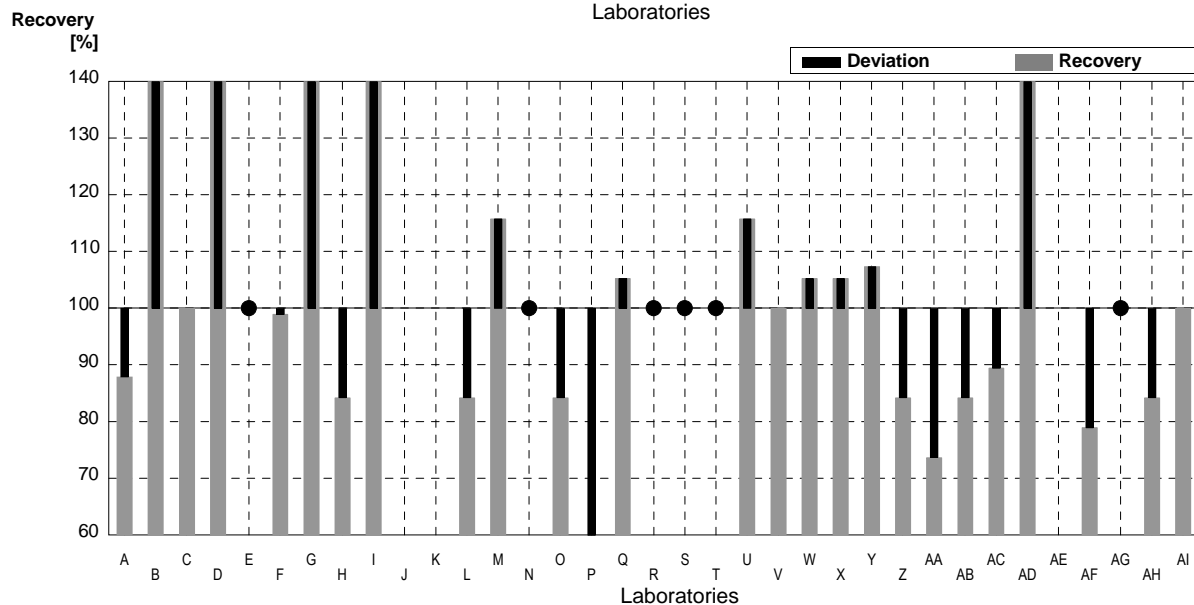
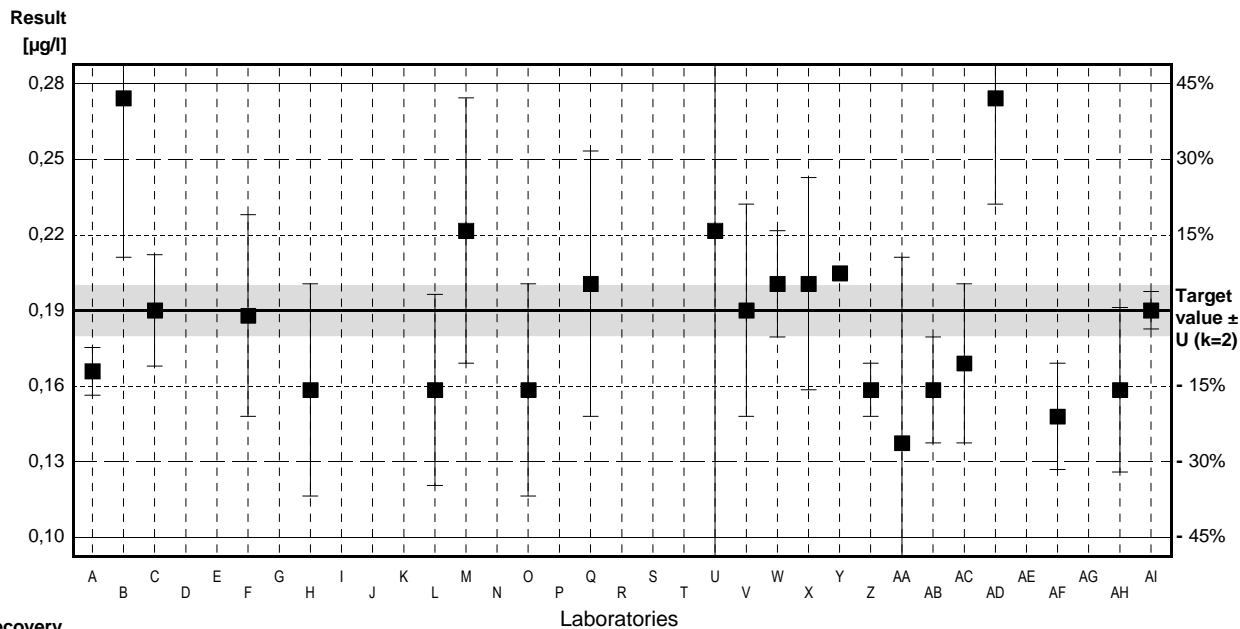
Target value  $\pm U$  (k=2) 0,19  $\mu\text{g/l}$   $\pm$  0,01  $\mu\text{g/l}$

IFA result  $\pm U$  (k=2) 0,20  $\mu\text{g/l}$   $\pm$  0,03  $\mu\text{g/l}$

Stability test  $\pm U$  (k=2) 0,20  $\mu\text{g/l}$   $\pm$  0,03  $\mu\text{g/l}$

| Lab Code | Result | $\pm$ | Unit            | Recovery | z-Score |
|----------|--------|-------|-----------------|----------|---------|
| A        | 0,167  | 0,009 | $\mu\text{g/l}$ | 88%      | -0,71   |
| B        | 0,27   | 0,06  | $\mu\text{g/l}$ | 142%     | 2,48    |
| C        | 0,19   | 0,021 | $\mu\text{g/l}$ | 100%     | 0,00    |
| D        | 0,3    |       | $\mu\text{g/l}$ | 158%     | 3,41    |
| E        | <0,5   | 0,15  | $\mu\text{g/l}$ | •        |         |
| F        | 0,188  | 0,038 | $\mu\text{g/l}$ | 99%      | -0,06   |
| G        | 0,29   | 0,05  | $\mu\text{g/l}$ | 153%     | 3,10    |
| H        | 0,16   | 0,04  | $\mu\text{g/l}$ | 84%      | -0,93   |
| I        | 0,30   | 0,10  | $\mu\text{g/l}$ | 158%     | 3,41    |
| J        |        |       |                 |          |         |
| K        |        |       | $\mu\text{g/l}$ |          |         |
| L        | 0,16   | 0,036 | $\mu\text{g/l}$ | 84%      | -0,93   |
| M        | 0,22   | 0,05  | $\mu\text{g/l}$ | 116%     | 0,93    |
| N        | <0,50  | 0,15  | $\mu\text{g/l}$ | •        |         |
| O        | 0,16   | 0,040 | $\mu\text{g/l}$ | 84%      | -0,93   |
| P        | 0,10   | 0,05  | $\mu\text{g/l}$ | 53%      | -2,79   |
| Q        | 0,2    | 0,05  | $\mu\text{g/l}$ | 105%     | 0,31    |
| R        | <0,5   |       | $\mu\text{g/l}$ | •        |         |
| S        | <0,3   |       | $\mu\text{g/l}$ | •        |         |
| T        | <0,5   |       | $\mu\text{g/l}$ | •        |         |
| U        | 0,22   | 0,2   | $\mu\text{g/l}$ | 116%     | 0,93    |
| V        | 0,19   | 0,04  | $\mu\text{g/l}$ | 100%     | 0,00    |
| W        | 0,2    | 0,02  | $\mu\text{g/l}$ | 105%     | 0,31    |
| X        | 0,200  | 0,040 | $\mu\text{g/l}$ | 105%     | 0,31    |
| Y        | 0,204  |       | $\mu\text{g/l}$ | 107%     | 0,43    |
| Z        | 0,16   | 0,01  | $\mu\text{g/l}$ | 84%      | -0,93   |
| AA       | 0,14   | 0,07  | $\mu\text{g/l}$ | 74%      | -1,55   |
| AB       | 0,16   | 0,02  | $\mu\text{g/l}$ | 84%      | -0,93   |
| AC       | 0,17   | 0,03  | $\mu\text{g/l}$ | 89%      | -0,62   |
| AD       | 0,27   | 0,04  | $\mu\text{g/l}$ | 142%     | 2,48    |
| AE       |        |       | $\mu\text{g/l}$ |          |         |
| AF       | 0,15   | 0,02  | $\mu\text{g/l}$ | 79%      | -1,24   |
| AG       | <0,5   |       | $\mu\text{g/l}$ | •        |         |
| AH       | 0,16   | 0,031 | $\mu\text{g/l}$ | 84%      | -0,93   |
| AI       | 0,19   | 0,007 | $\mu\text{g/l}$ | 100%     | 0,00    |

|                      | All results      | Outliers excl.   | Unit            |
|----------------------|------------------|------------------|-----------------|
| Mean $\pm$ CI(99%)   | 0,20 $\pm$ 0,03  | 0,20 $\pm$ 0,03  | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 103,6 $\pm$ 14,9 | 103,6 $\pm$ 14,9 | %               |
| SD between labs      | 0,05             | 0,05             | $\mu\text{g/l}$ |
| RSD between labs     | 26,2             | 26,2             | %               |
| n for calculation    | 26               | 26               |                 |



# Sample C54A

## Parameter Tetrachloroethene

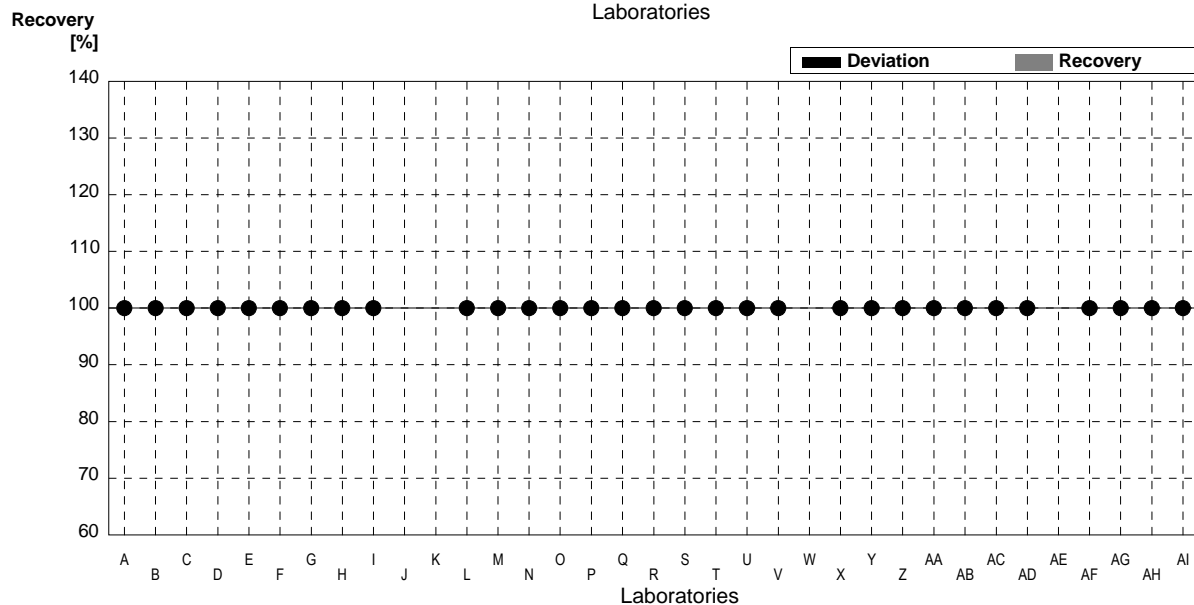
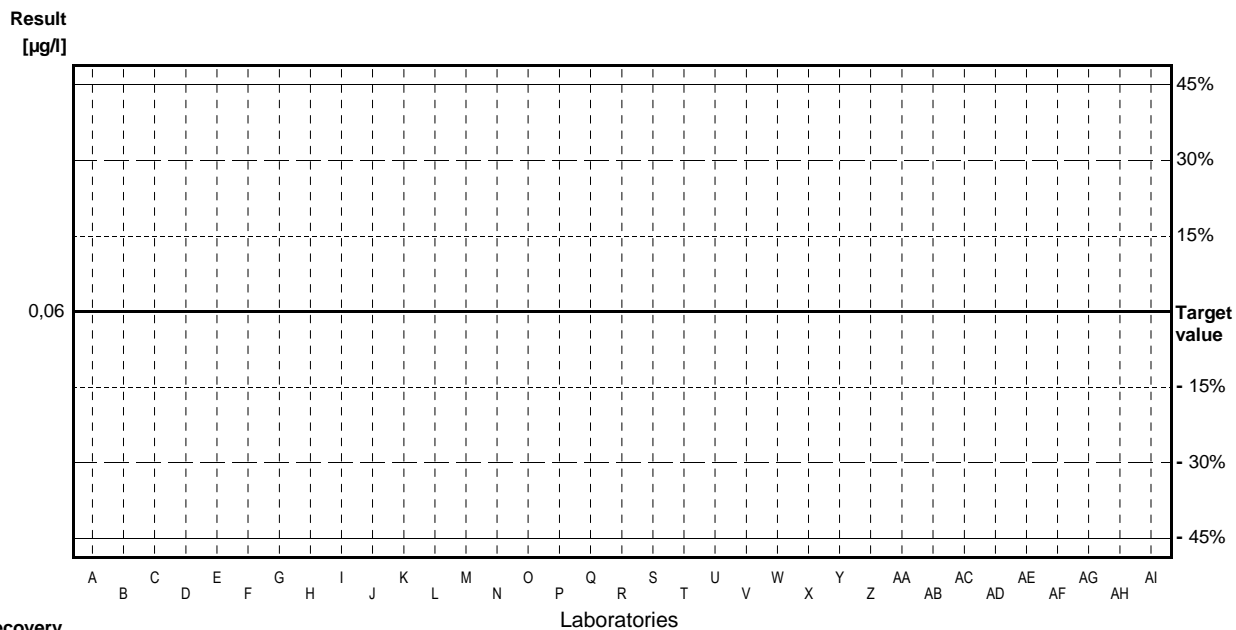
Target value <0,06 µg/l

IFA result <0,03 µg/l

Stability test <0,03 µg/l

| Lab Code | Result    | ±     | Unit | Recovery | z-Score |
|----------|-----------|-------|------|----------|---------|
| A        | <0,250    | 0,069 | µg/l | •        |         |
| B        | <0,2      | 0,05  | µg/l | •        |         |
| C        | <0,1      |       | µg/l | •        |         |
| D        | <0,1      |       | µg/l | •        |         |
| E        | <0,2      | 0,06  | µg/l | •        |         |
| F        | <0,020    |       | µg/l | •        |         |
| G        | <0,06     |       | µg/l | •        |         |
| H        | <0,10     |       | µg/l | •        |         |
| I        | <0,10     | 0,04  | µg/l | •        |         |
| J        |           |       | µg/l |          |         |
| K        | <0,05 (BG |       | µg/l |          |         |
| L        | <0,17     |       | µg/l | •        |         |
| M        | <0,1      |       | µg/l | •        |         |
| N        | <0,30     | 0,15  | µg/l | •        |         |
| O        | <0,1      |       | µg/l | •        |         |
| P        | <0,1      |       | µg/l | •        |         |
| Q        | <0,1      |       | µg/l | •        |         |
| R        | <0,5      |       | µg/l | •        |         |
| S        | <0,2      |       | µg/l | •        |         |
| T        | <0,5      |       | µg/l | •        |         |
| U        | <0,03     |       | µg/l | •        |         |
| V        | <0,04     |       | µg/l | •        |         |
| W        | n,n.      |       | µg/l |          |         |
| X        | <0,1      |       | µg/l | •        |         |
| Y        | <0,124    |       | µg/l | •        |         |
| Z        | <0,13     |       | µg/l | •        |         |
| AA       | <0,10     |       | µg/l | •        |         |
| AB       | <0,1      |       | µg/l | •        |         |
| AC       | <0,004    |       | µg/l | •        |         |
| AD       | <0,1      |       | µg/l | •        |         |
| AE       |           |       | µg/l |          |         |
| AF       | <0,1      |       | µg/l | •        |         |
| AG       | <0,5      |       | µg/l | •        |         |
| AH       | <0,030    |       | µg/l | •        |         |
| AI       | <0,05     |       | µg/l | •        |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    |             |                | µg/l |
| Recov. ± CI(99%)  |             |                | %    |
| SD between labs   |             |                | µg/l |
| RSD between labs  |             |                | %    |
| n for calculation |             |                |      |



# Sample C54B

## Parameter Tetrachloroethene

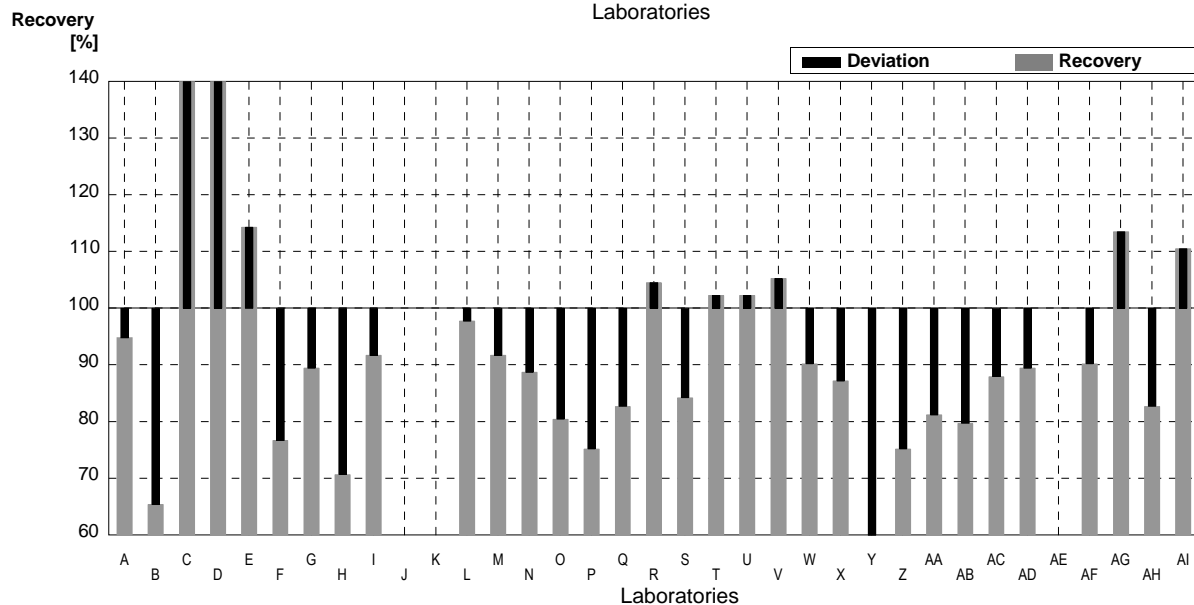
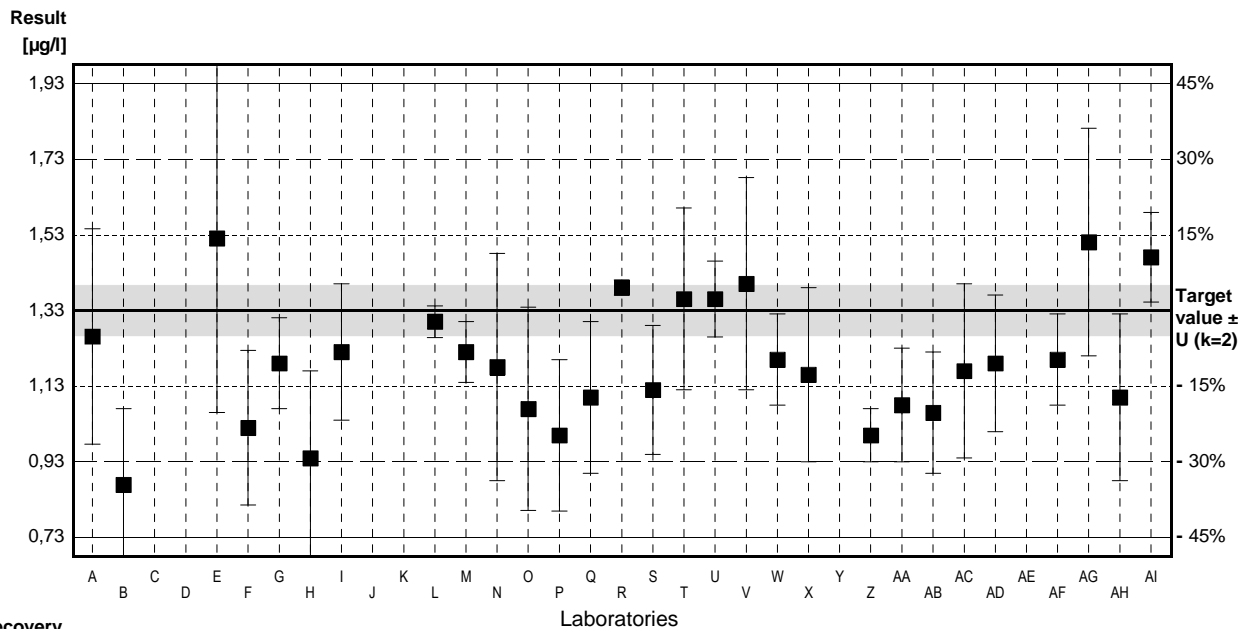
Target value ± U (k=2) 1,33 µg/l ± 0,07 µg/l

IFA result ± U (k=2) 1,34 µg/l ± 0,20 µg/l

Stability test ± U (k=2) 1,34 µg/l ± 0,20 µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 1,261   | 0,284 | µg/l | 95%      | -0,27   |
| B        | 0,87    | 0,20  | µg/l | 65%      | -1,82   |
| C        | 1,94 *  | 0,148 | µg/l | 146%     | 2,41    |
| D        | 2,1 *   |       | µg/l | 158%     | 3,05    |
| E        | 1,52    | 0,46  | µg/l | 114%     | 0,75    |
| F        | 1,020   | 0,204 | µg/l | 77%      | -1,23   |
| G        | 1,19    | 0,12  | µg/l | 89%      | -0,55   |
| H        | 0,94    | 0,23  | µg/l | 71%      | -1,54   |
| I        | 1,22    | 0,18  | µg/l | 92%      | -0,44   |
| J        |         |       | µg/l |          |         |
| K        |         |       | µg/l |          |         |
| L        | 1,30    | 0,042 | µg/l | 98%      | -0,12   |
| M        | 1,22    | 0,08  | µg/l | 92%      | -0,44   |
| N        | 1,18    | 0,30  | µg/l | 89%      | -0,59   |
| O        | 1,07    | 0,268 | µg/l | 80%      | -1,03   |
| P        | 1,0     | 0,2   | µg/l | 75%      | -1,31   |
| Q        | 1,1     | 0,2   | µg/l | 83%      | -0,91   |
| R        | 1,39    | 0,02  | µg/l | 105%     | 0,24    |
| S        | 1,12    | 0,17  | µg/l | 84%      | -0,83   |
| T        | 1,36    | 0,24  | µg/l | 102%     | 0,12    |
| U        | 1,36    | 0,1   | µg/l | 102%     | 0,12    |
| V        | 1,40    | 0,28  | µg/l | 105%     | 0,28    |
| W        | 1,2     | 0,12  | µg/l | 90%      | -0,51   |
| X        | 1,16    | 0,23  | µg/l | 87%      | -0,67   |
| Y        | 0,353 * |       | µg/l | 27%      | -3,87   |
| Z        | 1,0     | 0,07  | µg/l | 75%      | -1,31   |
| AA       | 1,08    | 0,15  | µg/l | 81%      | -0,99   |
| AB       | 1,06    | 0,16  | µg/l | 80%      | -1,07   |
| AC       | 1,17    | 0,23  | µg/l | 88%      | -0,63   |
| AD       | 1,19    | 0,18  | µg/l | 89%      | -0,55   |
| AE       |         |       | µg/l |          |         |
| AF       | 1,20    | 0,120 | µg/l | 90%      | -0,51   |
| AG       | 1,51    | 0,30  | µg/l | 114%     | 0,71    |
| AH       | 1,1     | 0,22  | µg/l | 83%      | -0,91   |
| AI       | 1,47    | 0,118 | µg/l | 111%     | 0,55    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,22 ± 0,15 | 1,20 ± 0,09    | µg/l |
| Recov. ± CI(99%)  | 91,8 ± 11,1 | 89,9 ± 6,4     | %    |
| SD between labs   | 0,30        | 0,17           | µg/l |
| RSD between labs  | 24,8        | 14,0           | %    |
| n for calculation | 32          | 29             |      |



### Sample C54A

#### Parameter 1,1,1-Trichloroethane

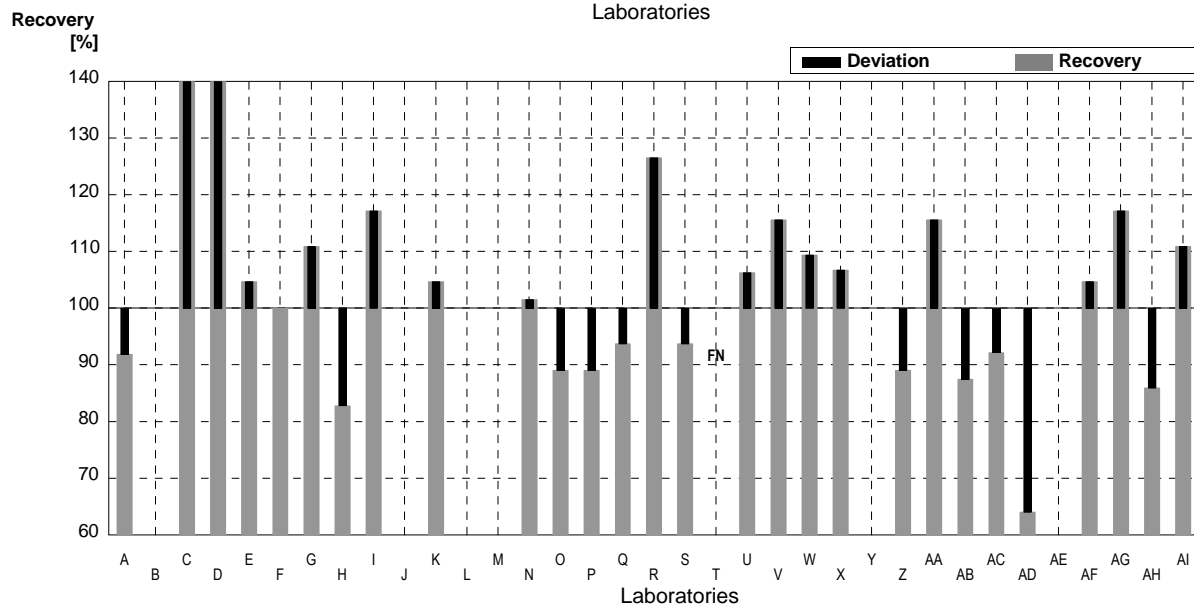
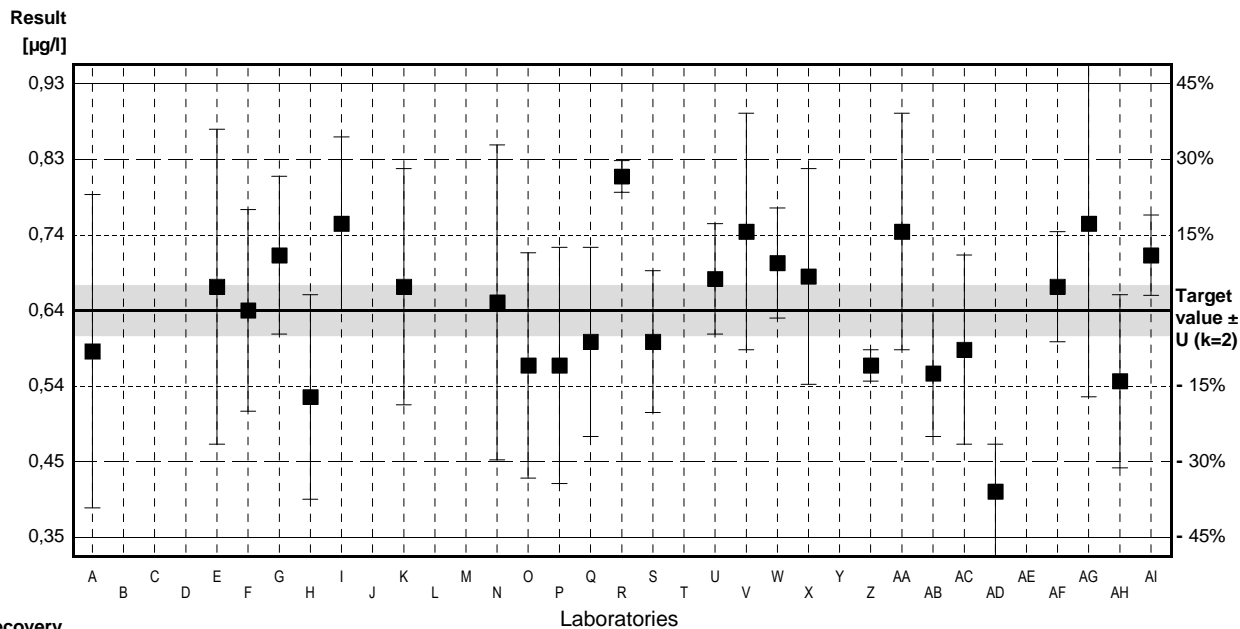
Target value ± U (k=2) 0,64 µg/l ± 0,03 µg/l

IFA result ± U (k=2) 0,68 µg/l ± 0,10 µg/l

Stability test ± U (k=2) 0,69 µg/l ± 0,10 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,588  | 0,199 | µg/l | 92%      | -0,54   |
| B        |        |       | µg/l |          |         |
| C        | 0,97   | 0,190 | µg/l | 152%     | 3,44    |
| D        | 1,0    |       | µg/l | 156%     | 3,75    |
| E        | 0,67   | 0,20  | µg/l | 105%     | 0,31    |
| F        | 0,640  | 0,128 | µg/l | 100%     | 0,00    |
| G        | 0,71   | 0,10  | µg/l | 111%     | 0,73    |
| H        | 0,53   | 0,13  | µg/l | 83%      | -1,15   |
| I        | 0,75   | 0,11  | µg/l | 117%     | 1,15    |
| J        |        |       | µg/l |          |         |
| K        | 0,67   | 0,15  | µg/l | 105%     | 0,31    |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 0,65   | 0,20  | µg/l | 102%     | 0,10    |
| O        | 0,57   | 0,143 | µg/l | 89%      | -0,73   |
| P        | 0,57   | 0,15  | µg/l | 89%      | -0,73   |
| Q        | 0,6    | 0,12  | µg/l | 94%      | -0,42   |
| R        | 0,81   | 0,02  | µg/l | 127%     | 1,77    |
| S        | 0,60   | 0,09  | µg/l | 94%      | -0,42   |
| T        | <0,5   |       | µg/l | FN       |         |
| U        | 0,68   | 0,07  | µg/l | 106%     | 0,42    |
| V        | 0,74   | 0,15  | µg/l | 116%     | 1,04    |
| W        | 0,7    | 0,07  | µg/l | 109%     | 0,62    |
| X        | 0,683  | 0,137 | µg/l | 107%     | 0,45    |
| Y        |        |       | µg/l |          |         |
| Z        | 0,57   | 0,02  | µg/l | 89%      | -0,73   |
| AA       | 0,74   | 0,15  | µg/l | 116%     | 1,04    |
| AB       | 0,56   | 0,08  | µg/l | 88%      | -0,83   |
| AC       | 0,59   | 0,12  | µg/l | 92%      | -0,52   |
| AD       | 0,41   | 0,06  | µg/l | 64%      | -2,40   |
| AE       |        |       | µg/l |          |         |
| AF       | 0,67   | 0,07  | µg/l | 105%     | 0,31    |
| AG       | 0,75   | 0,22  | µg/l | 117%     | 1,15    |
| AH       | 0,55   | 0,11  | µg/l | 86%      | -0,94   |
| AI       | 0,71   | 0,051 | µg/l | 111%     | 0,73    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 0,67 ± 0,06  | 0,67 ± 0,06    | µg/l |
| Recov. ± CI(99%)  | 104,2 ± 10,1 | 104,2 ± 10,1   | %    |
| SD between labs   | 0,12         | 0,12           | µg/l |
| RSD between labs  | 18,5         | 18,5           | %    |
| n for calculation | 28           | 28             |      |



### Sample C54B

#### Parameter 1,1,1-Trichloroethane

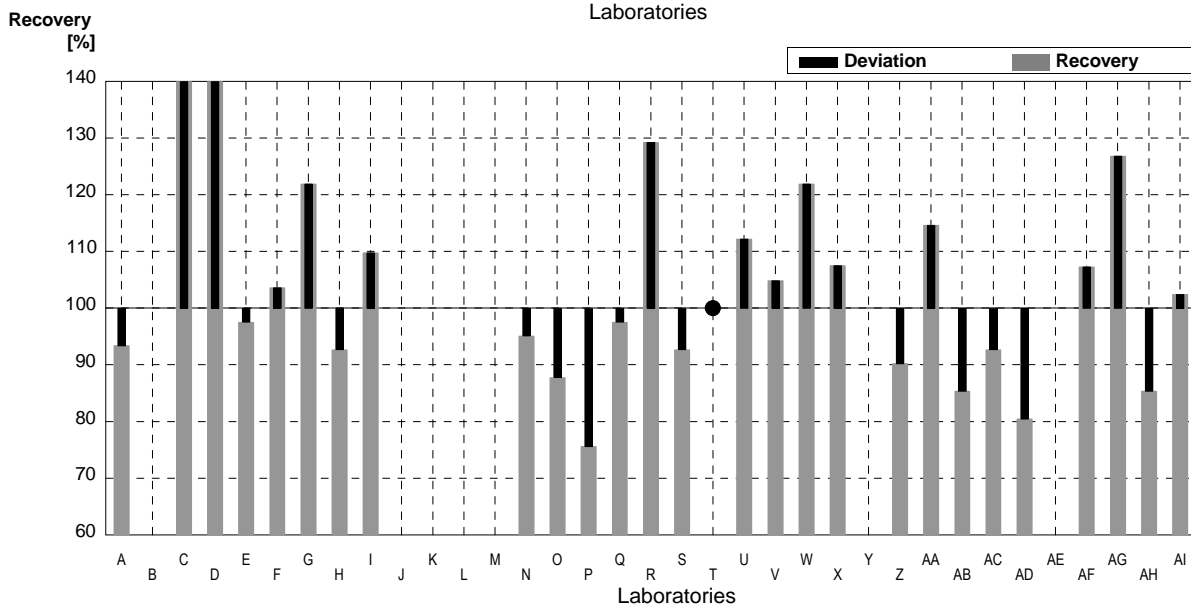
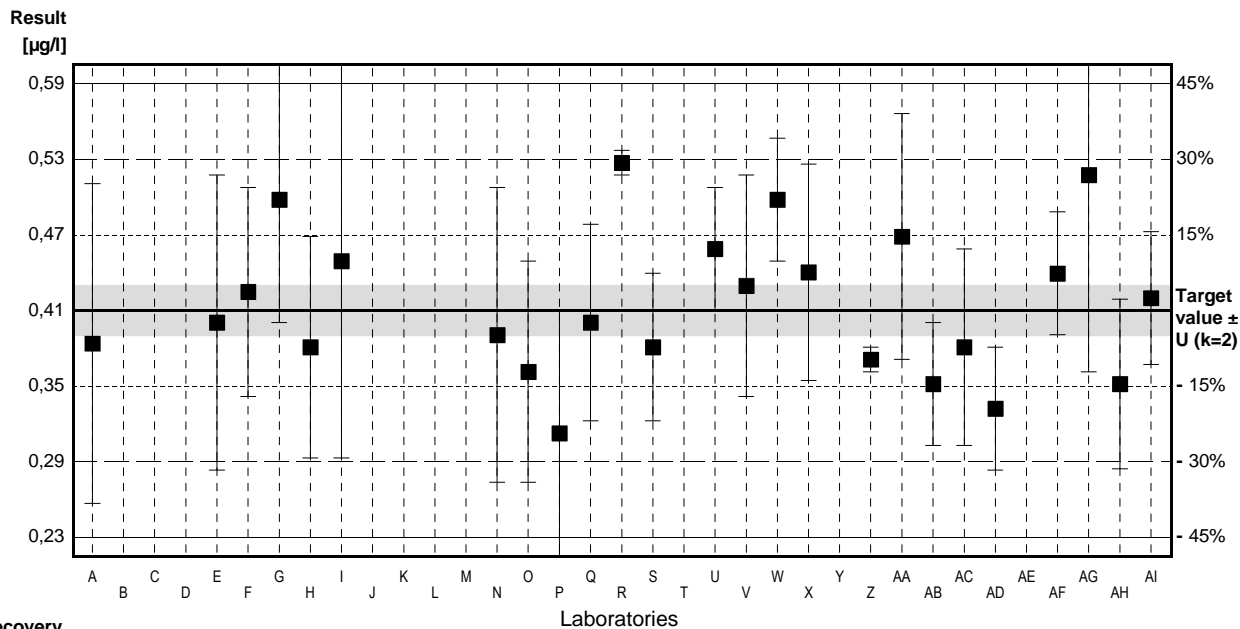
Target value ± U (k=2) 0,41 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 0,45 µg/l ± 0,07 µg/l

Stability test ± U (k=2) 0,45 µg/l ± 0,07 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,383  | 0,130 | µg/l | 93%      | -0,44   |
| B        |        |       | µg/l |          |         |
| C        | 0,65 * | 0,128 | µg/l | 159%     | 3,90    |
| D        | 0,6    |       | µg/l | 146%     | 3,09    |
| E        | 0,40   | 0,12  | µg/l | 98%      | -0,16   |
| F        | 0,425  | 0,085 | µg/l | 104%     | 0,24    |
| G        | 0,50   | 0,10  | µg/l | 122%     | 1,46    |
| H        | 0,38   | 0,09  | µg/l | 93%      | -0,49   |
| I        | 0,45   | 0,16  | µg/l | 110%     | 0,65    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 0,39   | 0,12  | µg/l | 95%      | -0,33   |
| O        | 0,36   | 0,09  | µg/l | 88%      | -0,81   |
| P        | 0,31   | 0,10  | µg/l | 76%      | -1,63   |
| Q        | 0,4    | 0,08  | µg/l | 98%      | -0,16   |
| R        | 0,53   | 0,01  | µg/l | 129%     | 1,95    |
| S        | 0,38   | 0,06  | µg/l | 93%      | -0,49   |
| T        | <0,5   |       | µg/l | •        |         |
| U        | 0,46   | 0,05  | µg/l | 112%     | 0,81    |
| V        | 0,43   | 0,09  | µg/l | 105%     | 0,33    |
| W        | 0,5    | 0,05  | µg/l | 122%     | 1,46    |
| X        | 0,441  | 0,088 | µg/l | 108%     | 0,50    |
| Y        |        |       | µg/l |          |         |
| Z        | 0,37   | 0,01  | µg/l | 90%      | -0,65   |
| AA       | 0,47   | 0,10  | µg/l | 115%     | 0,98    |
| AB       | 0,35   | 0,05  | µg/l | 85%      | -0,98   |
| AC       | 0,38   | 0,08  | µg/l | 93%      | -0,49   |
| AD       | 0,33   | 0,05  | µg/l | 80%      | -1,30   |
| AE       |        |       | µg/l |          |         |
| AF       | 0,44   | 0,05  | µg/l | 107%     | 0,49    |
| AG       | 0,52   | 0,16  | µg/l | 127%     | 1,79    |
| AH       | 0,35   | 0,069 | µg/l | 85%      | -0,98   |
| AI       | 0,42   | 0,054 | µg/l | 102%     | 0,16    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 0,43 ± 0,04  | 0,42 ± 0,04    | µg/l |
| Recov. ± CI(99%)  | 105,0 ± 10,5 | 102,9 ± 9,1    | %    |
| SD between labs   | 0,08         | 0,07           | µg/l |
| RSD between labs  | 18,6         | 16,2           | %    |
| n for calculation | 27           | 26             |      |



### Sample C54A

#### Parameter Trichloromethane

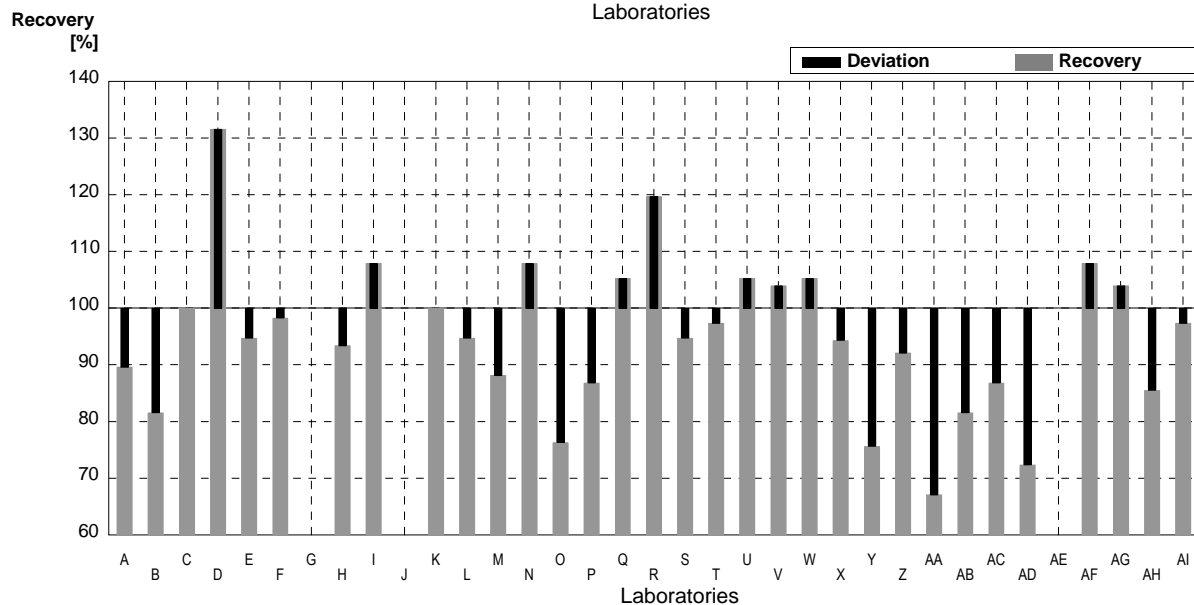
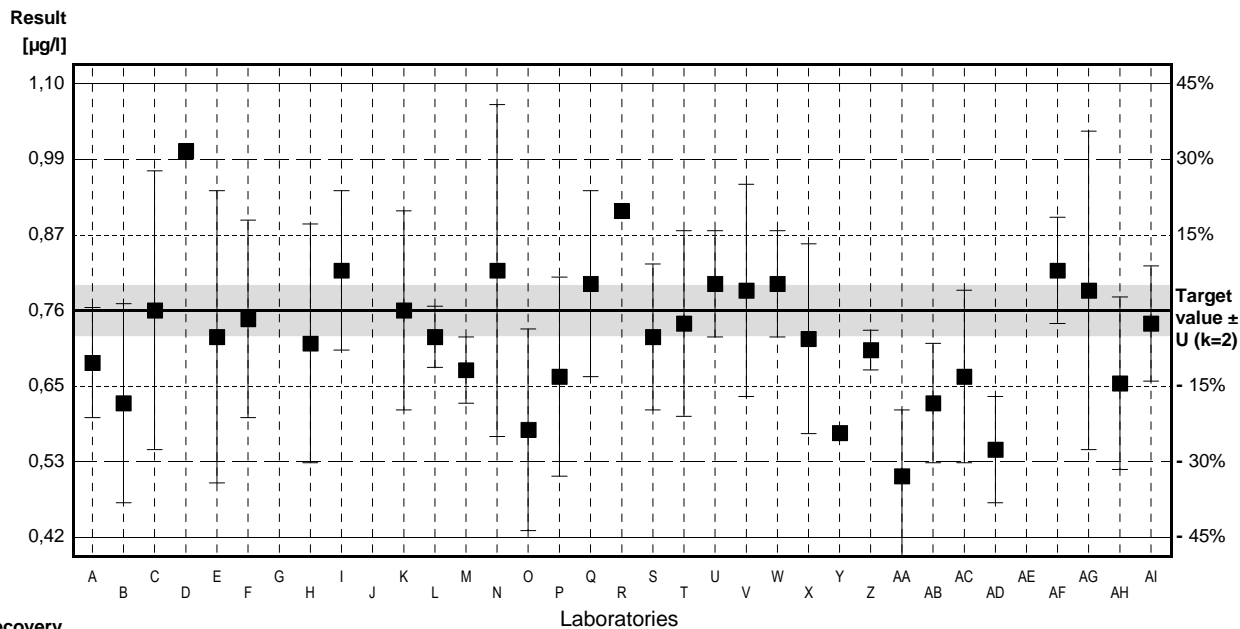
Target value ± U (k=2) 0,76 µg/l ± 0,04 µg/l

IFA result ± U (k=2) 0,76 µg/l ± 0,11 µg/l

Stability test ± U (k=2) 0,77 µg/l ± 0,12 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,681  | 0,083 | µg/l | 90%      | -0,69   |
| B        | 0,62   | 0,15  | µg/l | 82%      | -1,23   |
| C        | 0,76   | 0,210 | µg/l | 100%     | 0,00    |
| D        | 1,0    |       | µg/l | 132%     | 2,11    |
| E        | 0,72   | 0,22  | µg/l | 95%      | -0,35   |
| F        | 0,747  | 0,149 | µg/l | 98%      | -0,11   |
| G        |        |       | µg/l |          |         |
| H        | 0,71   | 0,18  | µg/l | 93%      | -0,44   |
| I        | 0,82   | 0,12  | µg/l | 108%     | 0,53    |
| J        |        |       | µg/l |          |         |
| K        | 0,76   | 0,15  | µg/l | 100%     | 0,00    |
| L        | 0,72   | 0,046 | µg/l | 95%      | -0,35   |
| M        | 0,67   | 0,05  | µg/l | 88%      | -0,79   |
| N        | 0,82   | 0,25  | µg/l | 108%     | 0,53    |
| O        | 0,58   | 0,152 | µg/l | 76%      | -1,58   |
| P        | 0,66   | 0,15  | µg/l | 87%      | -0,88   |
| Q        | 0,8    | 0,14  | µg/l | 105%     | 0,35    |
| R        | 0,91   | 0,01  | µg/l | 120%     | 1,32    |
| S        | 0,72   | 0,11  | µg/l | 95%      | -0,35   |
| T        | 0,74   | 0,14  | µg/l | 97%      | -0,18   |
| U        | 0,80   | 0,08  | µg/l | 105%     | 0,35    |
| V        | 0,79   | 0,16  | µg/l | 104%     | 0,26    |
| W        | 0,8    | 0,08  | µg/l | 105%     | 0,35    |
| X        | 0,717  | 0,143 | µg/l | 94%      | -0,38   |
| Y        | 0,575  |       | µg/l | 76%      | -1,62   |
| Z        | 0,70   | 0,03  | µg/l | 92%      | -0,53   |
| AA       | 0,51   | 0,10  | µg/l | 67%      | -2,19   |
| AB       | 0,62   | 0,09  | µg/l | 82%      | -1,23   |
| AC       | 0,66   | 0,13  | µg/l | 87%      | -0,88   |
| AD       | 0,55   | 0,08  | µg/l | 72%      | -1,84   |
| AE       |        |       | µg/l |          |         |
| AF       | 0,82   | 0,08  | µg/l | 108%     | 0,53    |
| AG       | 0,79   | 0,24  | µg/l | 104%     | 0,26    |
| AH       | 0,65   | 0,13  | µg/l | 86%      | -0,96   |
| AI       | 0,74   | 0,087 | µg/l | 97%      | -0,18   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 0,72 ± 0,05 | 0,72 ± 0,05    | µg/l |
| Recov. ± CI(99%)  | 95,2 ± 6,6  | 95,2 ± 6,6     | %    |
| SD between labs   | 0,10        | 0,10           | µg/l |
| RSD between labs  | 14,2        | 14,2           | %    |
| n for calculation | 32          | 32             |      |



# Sample C54B

## Parameter Trichloromethane

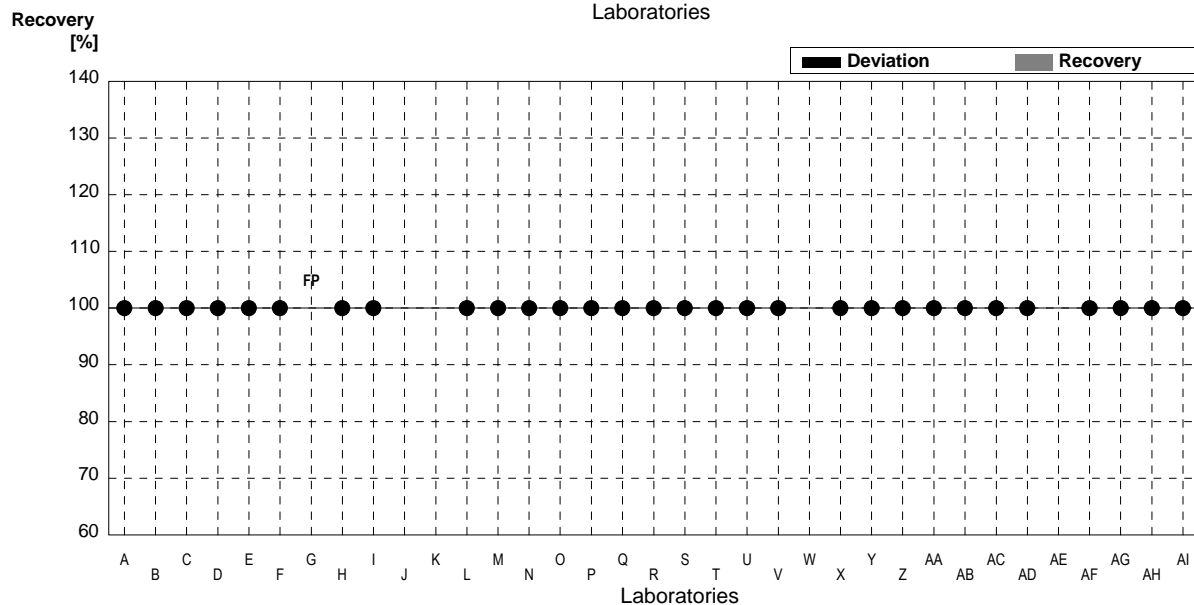
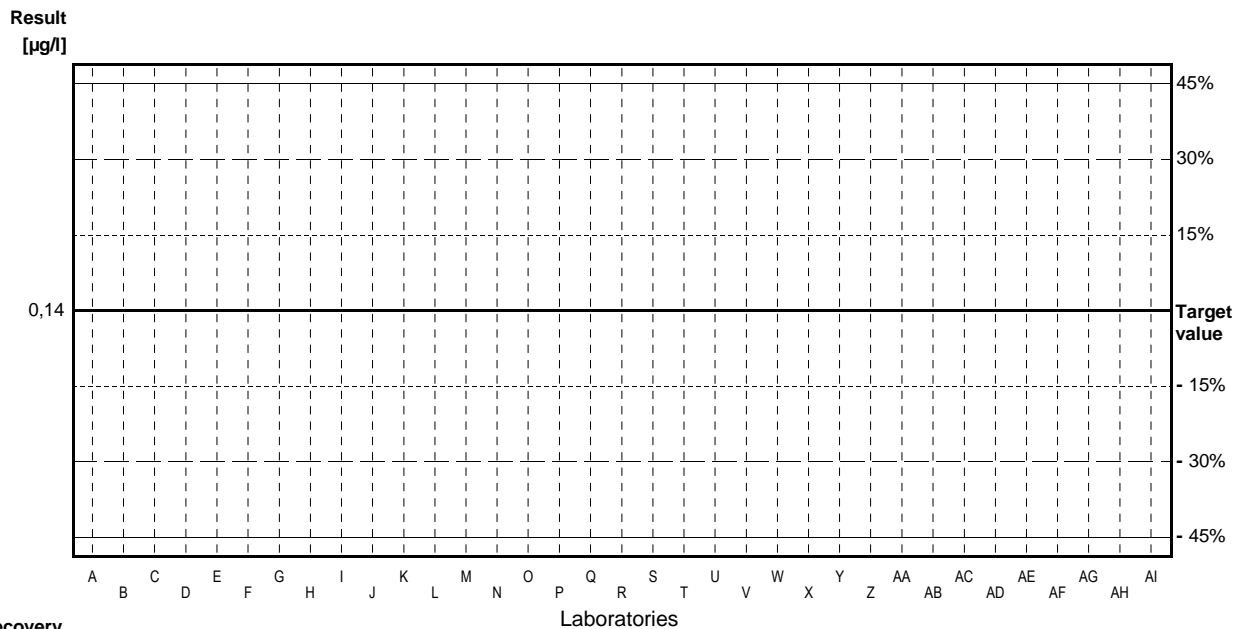
Target value <0,14 µg/l

IFA result <0,07 µg/l

Stability test <0,07 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | <0,250 | 0,121 | µg/l | •        |         |
| B        | <0,2   | 0,05  | µg/l | •        |         |
| C        | <0,05  |       | µg/l | •        |         |
| D        | <0,5   |       | µg/l | •        |         |
| E        | <0,2   | 0,06  | µg/l | •        |         |
| F        | <0,020 |       | µg/l | •        |         |
| G        | 0,52   | 0,02  | µg/l | FP       |         |
| H        | <0,10  |       | µg/l | •        |         |
| I        | <0,10  | 0,04  | µg/l | •        |         |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        | <0,56  |       | µg/l | •        |         |
| M        | <0,1   |       | µg/l | •        |         |
| N        | <0,50  | 0,15  | µg/l | •        |         |
| O        | <0,1   |       | µg/l | •        |         |
| P        | <0,1   |       | µg/l | •        |         |
| Q        | <0,1   |       | µg/l | •        |         |
| R        | <0,5   |       | µg/l | •        |         |
| S        | <0,3   |       | µg/l | •        |         |
| T        | <0,5   |       | µg/l | •        |         |
| U        | <0,03  |       | µg/l | •        |         |
| V        | <0,06  |       | µg/l | •        |         |
| W        | n,n.   |       | µg/l |          |         |
| X        | <0,1   |       | µg/l | •        |         |
| Y        | <0,162 |       | µg/l | •        |         |
| Z        | <0,15  |       | µg/l | •        |         |
| AA       | <0,10  |       | µg/l | •        |         |
| AB       | <0,1   |       | µg/l | •        |         |
| AC       | <0,04  |       | µg/l | •        |         |
| AD       | <0,1   |       | µg/l | •        |         |
| AE       |        |       | µg/l |          |         |
| AF       | <0,1   |       | µg/l | •        |         |
| AG       | <0,5   |       | µg/l | •        |         |
| AH       | <0,030 |       | µg/l | •        |         |
| AI       | <0,05  |       | µg/l | •        |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    |             |                | µg/l |
| Recov. ± CI(99%)  |             |                | %    |
| SD between labs   |             |                | µg/l |
| RSD between labs  |             |                | %    |
| n for calculation |             |                |      |



# Sample C54A

## Parameter Tetrachloromethane

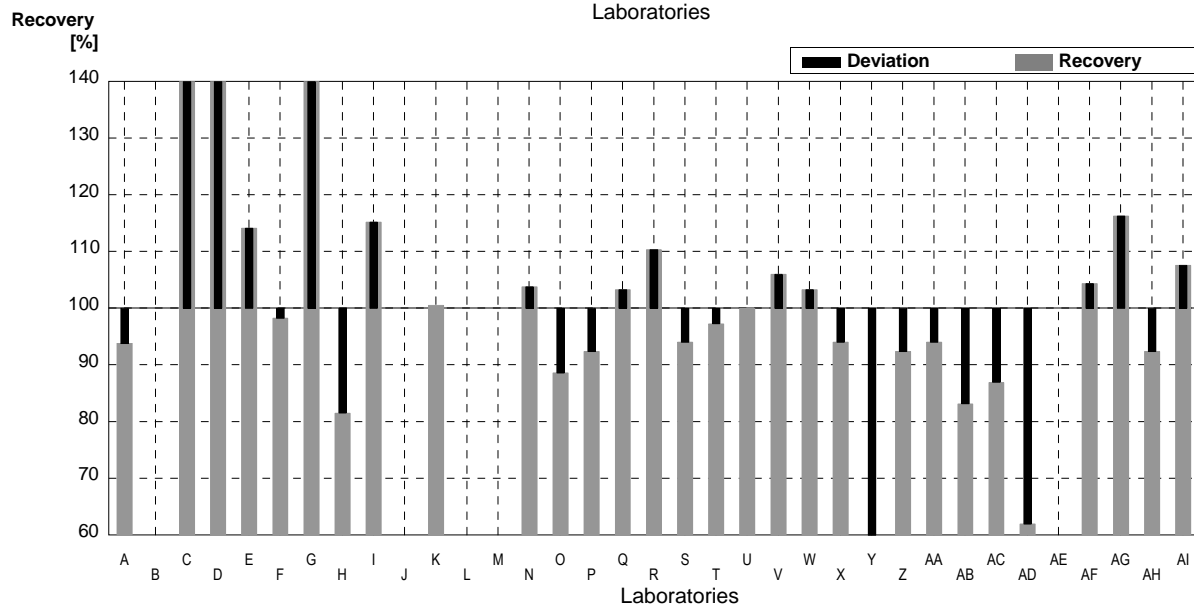
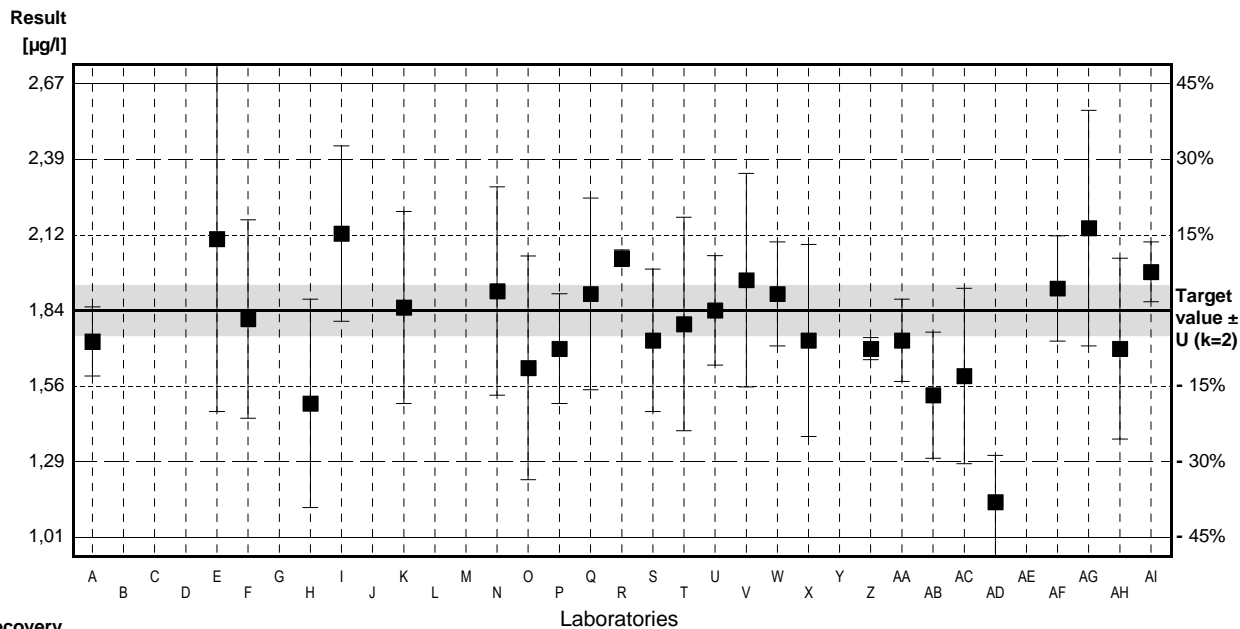
Target value ± U (k=2) 1,84 µg/l ± 0,09 µg/l

IFA result ± U (k=2) 1,78 µg/l ± 0,27 µg/l

Stability test ± U (k=2) 1,80 µg/l ± 0,27 µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 1,726   | 0,126 | µg/l | 94%      | -0,34   |
| B        |         |       | µg/l |          |         |
| C        | 2,72 *  | 0,555 | µg/l | 148%     | 2,66    |
| D        | 2,8 *   |       | µg/l | 152%     | 2,90    |
| E        | 2,10    | 0,63  | µg/l | 114%     | 0,79    |
| F        | 1,808   | 0,362 | µg/l | 98%      | -0,10   |
| G        | 7,95 *  | 0,10  | µg/l | 432%     | 18,45   |
| H        | 1,50    | 0,38  | µg/l | 82%      | -1,03   |
| I        | 2,12    | 0,32  | µg/l | 115%     | 0,85    |
| J        |         |       | µg/l |          |         |
| K        | 1,85    | 0,35  | µg/l | 101%     | 0,03    |
| L        |         |       | µg/l |          |         |
| M        |         |       | µg/l |          |         |
| N        | 1,91    | 0,38  | µg/l | 104%     | 0,21    |
| O        | 1,63    | 0,408 | µg/l | 89%      | -0,63   |
| P        | 1,7     | 0,2   | µg/l | 92%      | -0,42   |
| Q        | 1,9     | 0,35  | µg/l | 103%     | 0,18    |
| R        | 2,03    | 0,03  | µg/l | 110%     | 0,57    |
| S        | 1,73    | 0,26  | µg/l | 94%      | -0,33   |
| T        | 1,79    | 0,39  | µg/l | 97%      | -0,15   |
| U        | 1,84    | 0,2   | µg/l | 100%     | 0,00    |
| V        | 1,95    | 0,39  | µg/l | 106%     | 0,33    |
| W        | 1,9     | 0,19  | µg/l | 103%     | 0,18    |
| X        | 1,73    | 0,35  | µg/l | 94%      | -0,33   |
| Y        | 0,716 * |       | µg/l | 39%      | -3,39   |
| Z        | 1,7     | 0,04  | µg/l | 92%      | -0,42   |
| AA       | 1,73    | 0,15  | µg/l | 94%      | -0,33   |
| AB       | 1,53    | 0,23  | µg/l | 83%      | -0,94   |
| AC       | 1,60    | 0,32  | µg/l | 87%      | -0,72   |
| AD       | 1,14 *  | 0,17  | µg/l | 62%      | -2,11   |
| AE       |         |       | µg/l |          |         |
| AF       | 1,92    | 0,192 | µg/l | 104%     | 0,24    |
| AG       | 2,14    | 0,43  | µg/l | 116%     | 0,91    |
| AH       | 1,7     | 0,33  | µg/l | 92%      | -0,42   |
| AI       | 1,98    | 0,109 | µg/l | 108%     | 0,42    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 2,03 ± 0,60  | 1,82 ± 0,10    | µg/l |
| Recov. ± CI(99%)  | 110,2 ± 32,4 | 98,9 ± 5,3     | %    |
| SD between labs   | 1,18         | 0,18           | µg/l |
| RSD between labs  | 58,2         | 9,6            | %    |
| n for calculation | 30           | 25             |      |





### Sample C54B

#### Parameter Tetrachloromethane

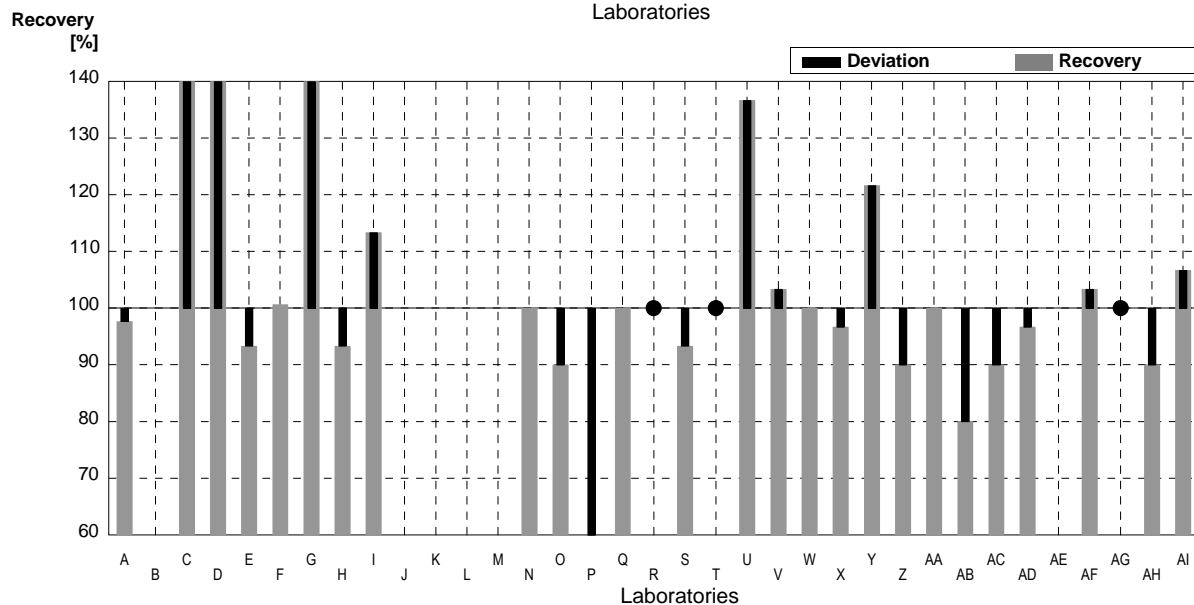
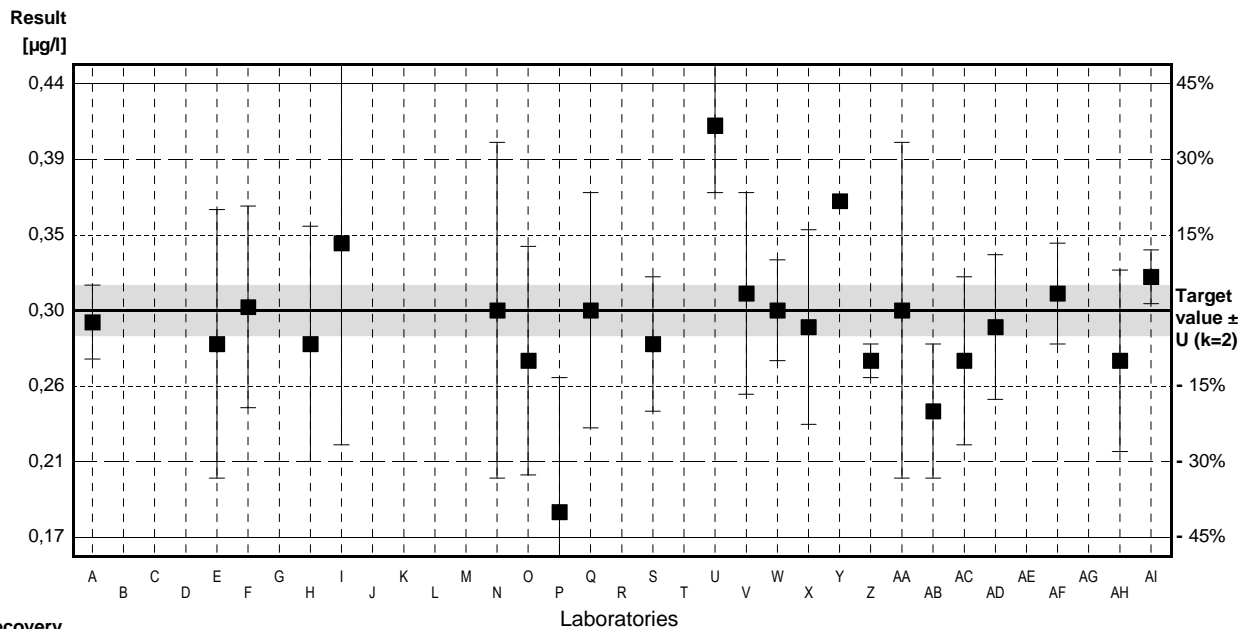
Target value ± U (k=2) 0,30 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 0,33 µg/l ± 0,05 µg/l

Stability test ± U (k=2) 0,31 µg/l ± 0,05 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,293  | 0,022 | µg/l | 98%      | -0,13   |
| B        |        |       | µg/l |          |         |
| C        | 0,45 * | 0,092 | µg/l | 150%     | 2,78    |
| D        | 0,8 *  |       | µg/l | 267%     | 9,26    |
| E        | 0,28   | 0,08  | µg/l | 93%      | -0,37   |
| F        | 0,302  | 0,060 | µg/l | 101%     | 0,04    |
| G        | 2,27 * | 0,15  | µg/l | 757%     | 36,48   |
| H        | 0,28   | 0,07  | µg/l | 93%      | -0,37   |
| I        | 0,34   | 0,12  | µg/l | 113%     | 0,74    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 0,30   | 0,10  | µg/l | 100%     | 0,00    |
| O        | 0,27   | 0,068 | µg/l | 90%      | -0,56   |
| P        | 0,18 * | 0,08  | µg/l | 60%      | -2,22   |
| Q        | 0,3    | 0,07  | µg/l | 100%     | 0,00    |
| R        | <0,5   |       | µg/l | *        |         |
| S        | 0,28   | 0,04  | µg/l | 93%      | -0,37   |
| T        | <0,5   |       | µg/l | *        |         |
| U        | 0,41 * | 0,04  | µg/l | 137%     | 2,04    |
| V        | 0,31   | 0,06  | µg/l | 103%     | 0,19    |
| W        | 0,3    | 0,03  | µg/l | 100%     | 0,00    |
| X        | 0,290  | 0,058 | µg/l | 97%      | -0,19   |
| Y        | 0,365  |       | µg/l | 122%     | 1,20    |
| Z        | 0,27   | 0,01  | µg/l | 90%      | -0,56   |
| AA       | 0,30   | 0,10  | µg/l | 100%     | 0,00    |
| AB       | 0,24   | 0,04  | µg/l | 80%      | -1,11   |
| AC       | 0,27   | 0,05  | µg/l | 90%      | -0,56   |
| AD       | 0,29   | 0,043 | µg/l | 97%      | -0,19   |
| AE       |        |       | µg/l |          |         |
| AF       | 0,31   | 0,03  | µg/l | 103%     | 0,19    |
| AG       | <0,5   |       | µg/l | *        |         |
| AH       | 0,27   | 0,054 | µg/l | 90%      | -0,56   |
| AI       | 0,32   | 0,016 | µg/l | 107%     | 0,37    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 0,40 ± 0,22  | 0,29 ± 0,02    | µg/l |
| Recov. ± CI(99%)  | 131,9 ± 72,6 | 98,1 ± 5,6     | %    |
| SD between labs   | 0,40         | 0,03           | µg/l |
| RSD between labs  | 100,5        | 9,1            | %    |
| n for calculation | 26           | 21             |      |



### Sample C54A

#### Parameter 1,1-Dichloroethene

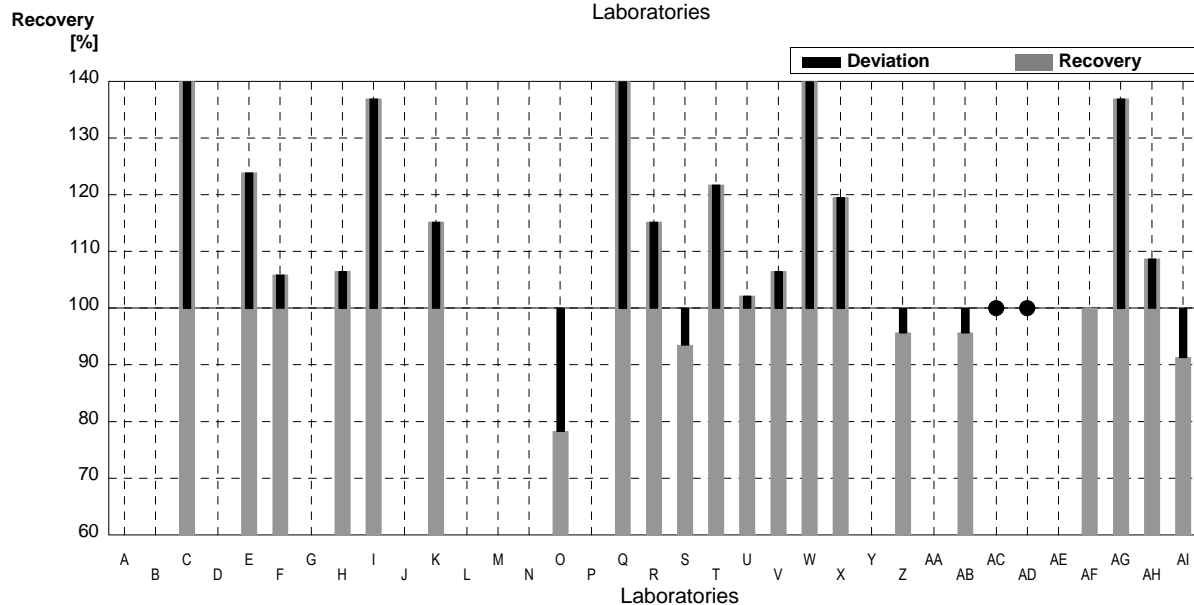
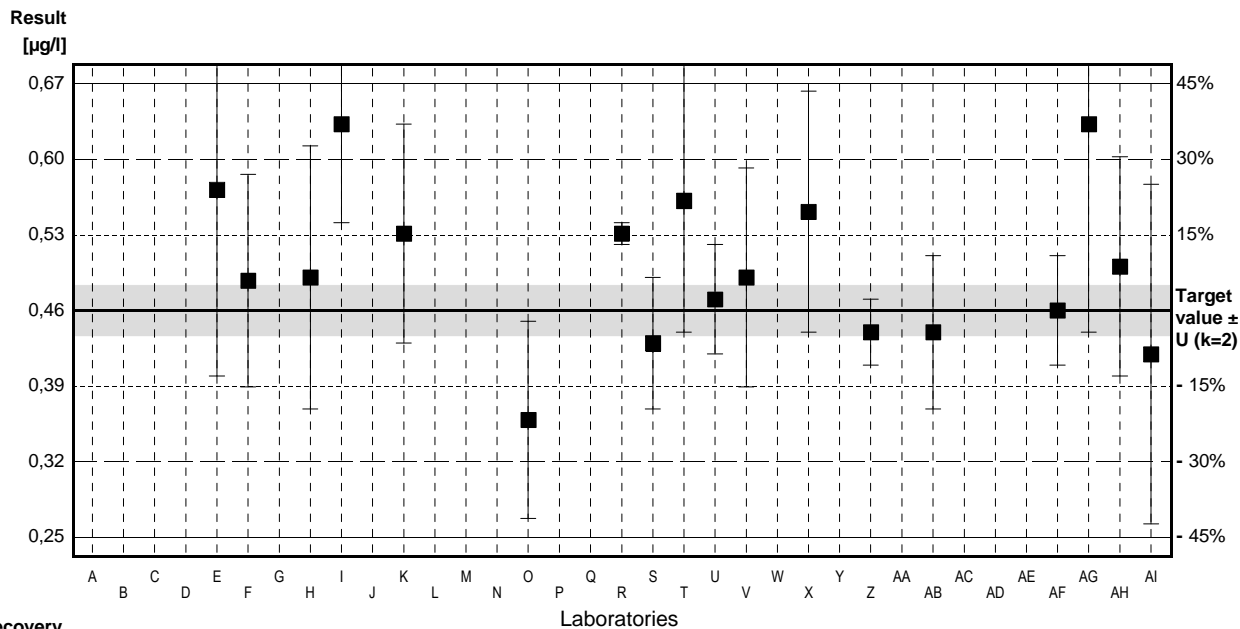
Target value ± U (k=2) 0,46 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 0,49 µg/l ± 0,07 µg/l

Stability test ± U (k=2) 0,48 µg/l ± 0,07 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        |        |       | µg/l |          |         |
| B        |        |       | µg/l |          |         |
| C        | 0,77   | 0,667 | µg/l | 167%     | 3,21    |
| D        |        |       | µg/l |          |         |
| E        | 0,57   | 0,17  | µg/l | 124%     | 1,14    |
| F        | 0,487  | 0,097 | µg/l | 106%     | 0,28    |
| G        |        |       | µg/l |          |         |
| H        | 0,49   | 0,12  | µg/l | 107%     | 0,31    |
| I        | 0,63   | 0,09  | µg/l | 137%     | 1,76    |
| J        |        |       | µg/l |          |         |
| K        | 0,53   | 0,10  | µg/l | 115%     | 0,72    |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | n.a    |       | µg/l |          |         |
| O        | 0,36   | 0,09  | µg/l | 78%      | -1,04   |
| P        |        |       | µg/l |          |         |
| Q        | 0,8 *  | 0,15  | µg/l | 174%     | 3,52    |
| R        | 0,53   | 0,01  | µg/l | 115%     | 0,72    |
| S        | 0,43   | 0,06  | µg/l | 93%      | -0,31   |
| T        | 0,56   | 0,12  | µg/l | 122%     | 1,04    |
| U        | 0,47   | 0,05  | µg/l | 102%     | 0,10    |
| V        | 0,49   | 0,10  | µg/l | 107%     | 0,31    |
| W        | 1,3 *  | 0,13  | µg/l | 283%     | 8,70    |
| X        | 0,550  | 0,110 | µg/l | 120%     | 0,93    |
| Y        |        |       | µg/l |          |         |
| Z        | 0,44   | 0,03  | µg/l | 96%      | -0,21   |
| AA       | n.a.   |       | µg/l |          |         |
| AB       | 0,44   | 0,07  | µg/l | 96%      | -0,21   |
| AC       | <1     |       | µg/l | •        |         |
| AD       | <0,5   |       | µg/l | •        |         |
| AE       |        |       | µg/l |          |         |
| AF       | 0,46   | 0,05  | µg/l | 100%     | 0,00    |
| AG       | 0,63   | 0,19  | µg/l | 137%     | 1,76    |
| AH       | 0,50   | 0,10  | µg/l | 109%     | 0,41    |
| AI       | 0,42   | 0,155 | µg/l | 91%      | -0,41   |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 0,56 ± 0,12  | 0,51 ± 0,06    | µg/l |
| Recov. ± CI(99%)  | 122,7 ± 27,1 | 111,6 ± 13,4   | %    |
| SD between labs   | 0,20         | 0,09           | µg/l |
| RSD between labs  | 35,5         | 18,2           | %    |
| n for calculation | 21           | 19             |      |



### Sample C54B

#### Parameter 1,1-Dichloroethene

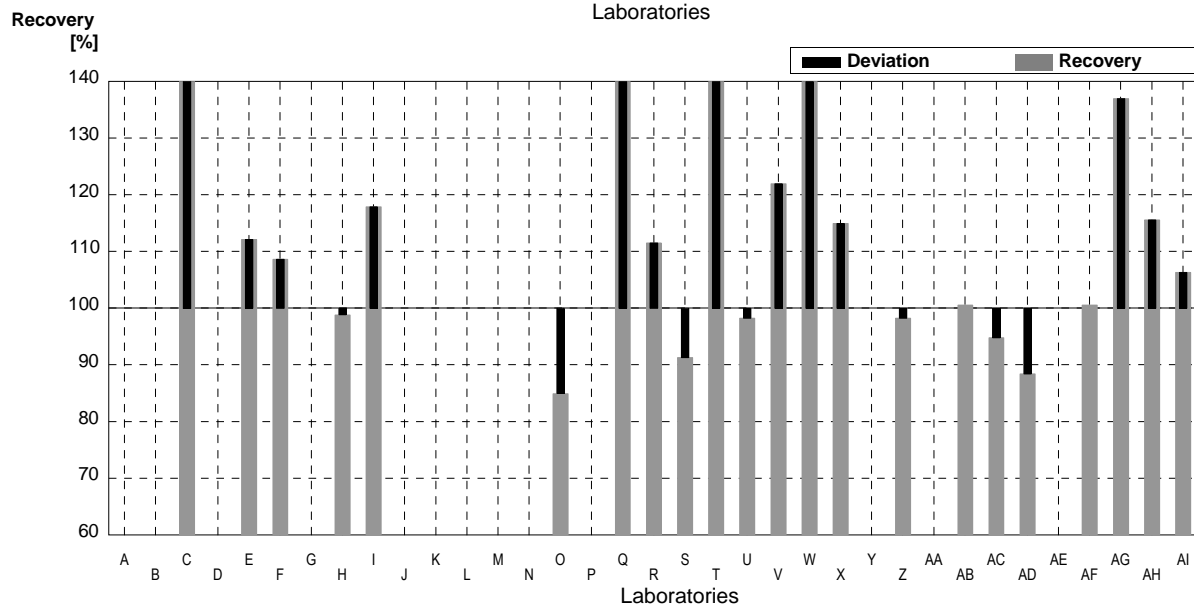
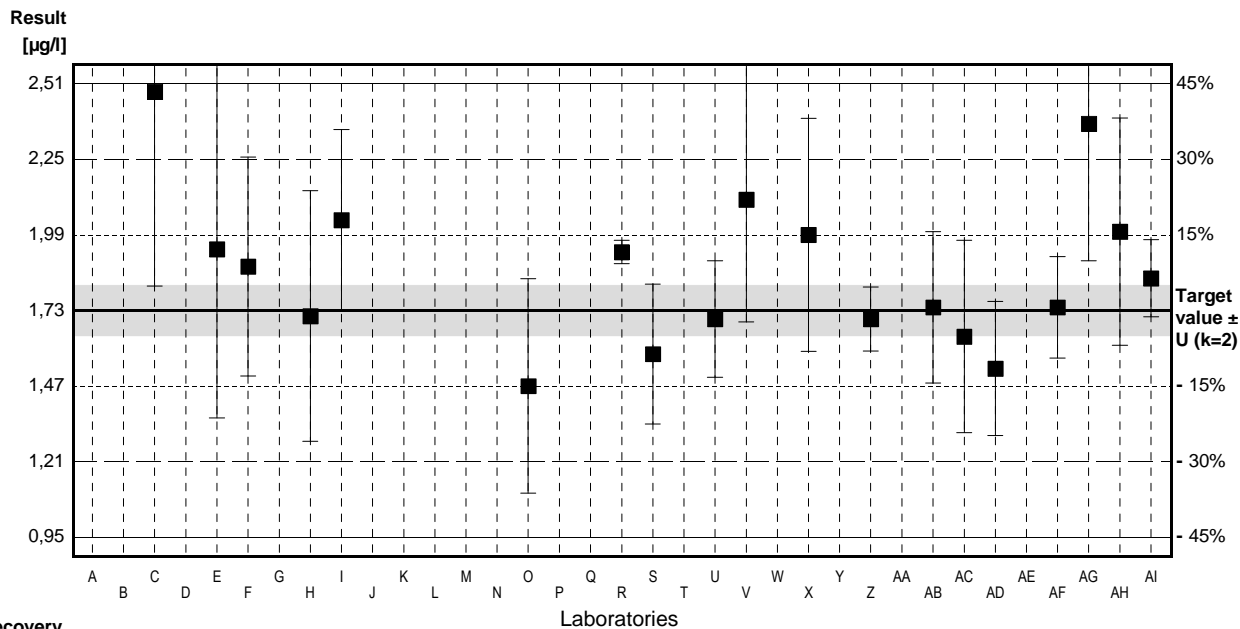
Target value ± U (k=2) 1,73 µg/l ± 0,09 µg/l

IFA result ± U (k=2) 1,73 µg/l ± 0,26 µg/l

Stability test ± U (k=2) 1,74 µg/l ± 0,26 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        |        |       | µg/l |          |         |
| B        |        |       | µg/l |          |         |
| C        | 2,48   | 0,667 | µg/l | 143%     | 2,06    |
| D        |        |       | µg/l |          |         |
| E        | 1,94   | 0,58  | µg/l | 112%     | 0,58    |
| F        | 1,880  | 0,376 | µg/l | 109%     | 0,41    |
| G        |        |       | µg/l |          |         |
| H        | 1,71   | 0,43  | µg/l | 99%      | -0,06   |
| I        | 2,04   | 0,31  | µg/l | 118%     | 0,85    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | n.a.   |       | µg/l |          |         |
| O        | 1,47   | 0,368 | µg/l | 85%      | -0,72   |
| P        |        |       | µg/l |          |         |
| Q        | 2,6    | 0,46  | µg/l | 150%     | 2,39    |
| R        | 1,93   | 0,04  | µg/l | 112%     | 0,55    |
| S        | 1,58   | 0,24  | µg/l | 91%      | -0,41   |
| T        | 2,85   | 0,63  | µg/l | 165%     | 3,08    |
| U        | 1,70   | 0,2   | µg/l | 98%      | -0,08   |
| V        | 2,11   | 0,42  | µg/l | 122%     | 1,05    |
| W        | 4,8 *  | 0,48  | µg/l | 277%     | 8,45    |
| X        | 1,989  | 0,40  | µg/l | 115%     | 0,71    |
| Y        |        |       | µg/l |          |         |
| Z        | 1,7    | 0,11  | µg/l | 98%      | -0,08   |
| AA       | n.a.   |       | µg/l |          |         |
| AB       | 1,74   | 0,26  | µg/l | 101%     | 0,03    |
| AC       | 1,64   | 0,33  | µg/l | 95%      | -0,25   |
| AD       | 1,53   | 0,23  | µg/l | 88%      | -0,55   |
| AE       |        |       | µg/l |          |         |
| AF       | 1,74   | 0,174 | µg/l | 101%     | 0,03    |
| AG       | 2,37   | 0,47  | µg/l | 137%     | 1,76    |
| AH       | 2,0    | 0,39  | µg/l | 116%     | 0,74    |
| AI       | 1,84   | 0,132 | µg/l | 106%     | 0,30    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 2,07 ± 0,43  | 1,94 ± 0,23    | µg/l |
| Recov. ± CI(99%)  | 119,9 ± 24,6 | 112,4 ± 13,1   | %    |
| SD between labs   | 0,70         | 0,36           | µg/l |
| RSD between labs  | 34,0         | 18,7           | %    |
| n for calculation | 22           | 21             |      |



# Sample C54A

## Parameter Tribromomethane

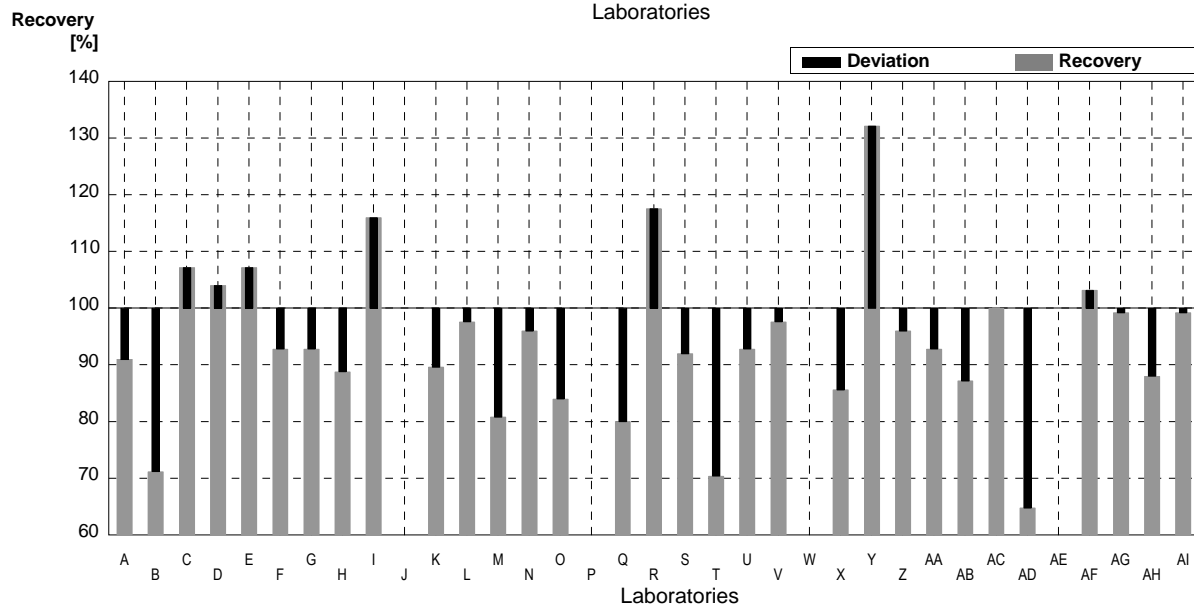
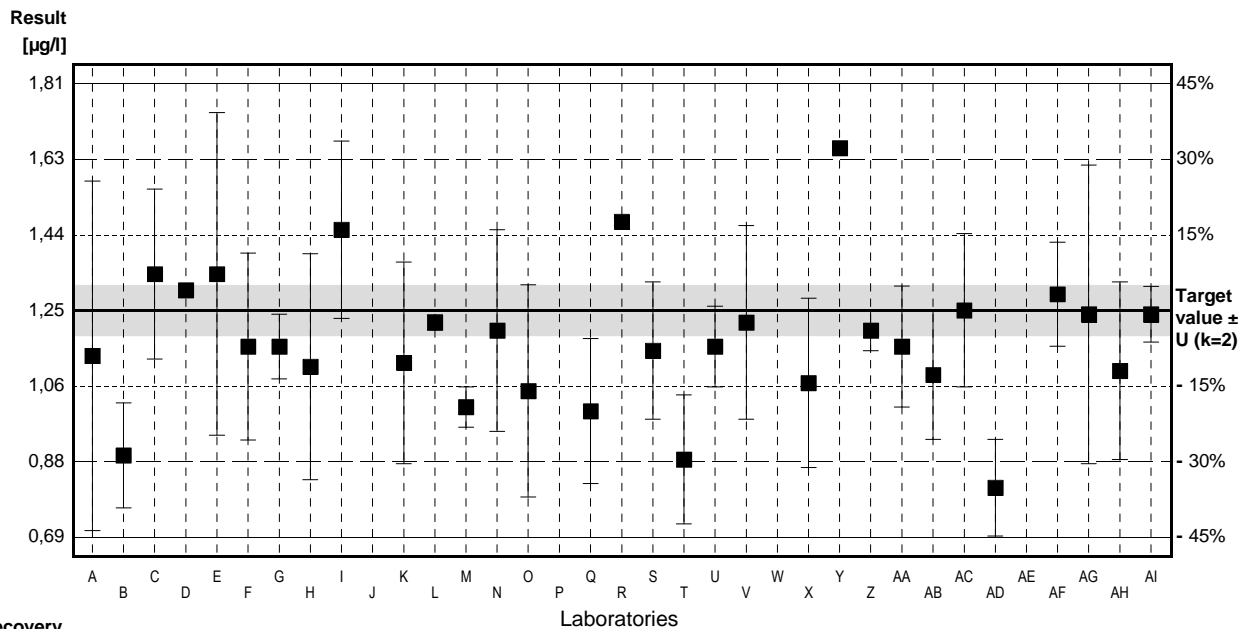
Target value ± U (k=2) 1,25 µg/l ± 0,06 µg/l

IFA result ± U (k=2) 1,21 µg/l ± 0,18 µg/l

Stability test ± U (k=2) 1,24 µg/l ± 0,19 µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 1,137   | 0,433 | µg/l | 91%      | -0,53   |
| B        | 0,89    | 0,13  | µg/l | 71%      | -1,69   |
| C        | 1,34    | 0,211 | µg/l | 107%     | 0,42    |
| D        | 1,3     |       | µg/l | 104%     | 0,24    |
| E        | 1,34    | 0,40  | µg/l | 107%     | 0,42    |
| F        | 1,160   | 0,232 | µg/l | 93%      | -0,42   |
| G        | 1,16    | 0,08  | µg/l | 93%      | -0,42   |
| H        | 1,11    | 0,28  | µg/l | 89%      | -0,66   |
| I        | 1,45    | 0,22  | µg/l | 116%     | 0,94    |
| J        |         |       |      |          |         |
| K        | 1,12    | 0,25  | µg/l | 90%      | -0,61   |
| L        | 1,22    | 0,019 | µg/l | 98%      | -0,14   |
| M        | 1,01    | 0,05  | µg/l | 81%      | -1,13   |
| N        | 1,20    | 0,25  | µg/l | 96%      | -0,24   |
| O        | 1,05    | 0,263 | µg/l | 84%      | -0,94   |
| P        |         |       |      |          |         |
| Q        | 1,0     | 0,18  | µg/l | 80%      | -1,18   |
| R        | 1,47    | 0,01  | µg/l | 118%     | 1,04    |
| S        | 1,15    | 0,17  | µg/l | 92%      | -0,47   |
| T        | 0,88    | 0,16  | µg/l | 70%      | -1,74   |
| U        | 1,16    | 0,1   | µg/l | 93%      | -0,42   |
| V        | 1,22    | 0,24  | µg/l | 98%      | -0,14   |
| W        |         |       | µg/l |          |         |
| X        | 1,070   | 0,21  | µg/l | 86%      | -0,85   |
| Y        | 1,652 * |       | µg/l | 132%     | 1,89    |
| Z        | 1,2     | 0,05  | µg/l | 96%      | -0,24   |
| AA       | 1,16    | 0,15  | µg/l | 93%      | -0,42   |
| AB       | 1,09    | 0,16  | µg/l | 87%      | -0,75   |
| AC       | 1,25    | 0,19  | µg/l | 100%     | 0,00    |
| AD       | 0,81    | 0,12  | µg/l | 65%      | -2,07   |
| AE       |         |       | µg/l |          |         |
| AF       | 1,29    | 0,129 | µg/l | 103%     | 0,19    |
| AG       | 1,24    | 0,37  | µg/l | 99%      | -0,05   |
| AH       | 1,1     | 0,22  | µg/l | 88%      | -0,71   |
| AI       | 1,24    | 0,069 | µg/l | 99%      | -0,05   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,18 ± 0,09 | 1,16 ± 0,08    | µg/l |
| Recov. ± CI(99%)  | 94,1 ± 6,9  | 92,8 ± 6,1     | %    |
| SD between labs   | 0,17        | 0,15           | µg/l |
| RSD between labs  | 14,7        | 13,1           | %    |
| n for calculation | 31          | 30             |      |



# Sample C54B

## Parameter Tribromomethane

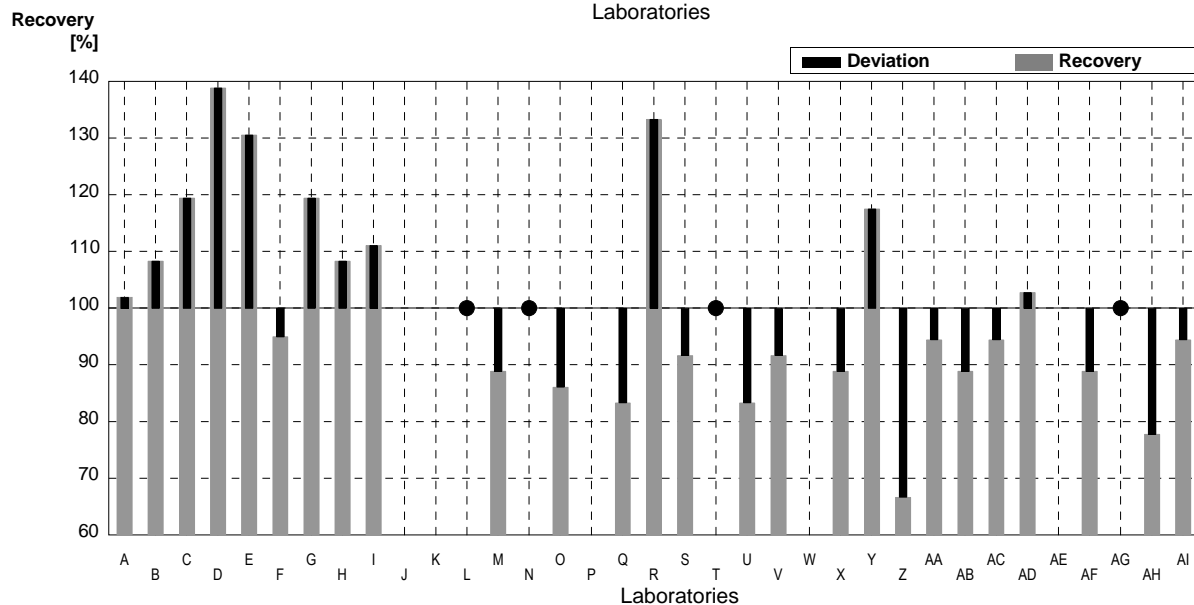
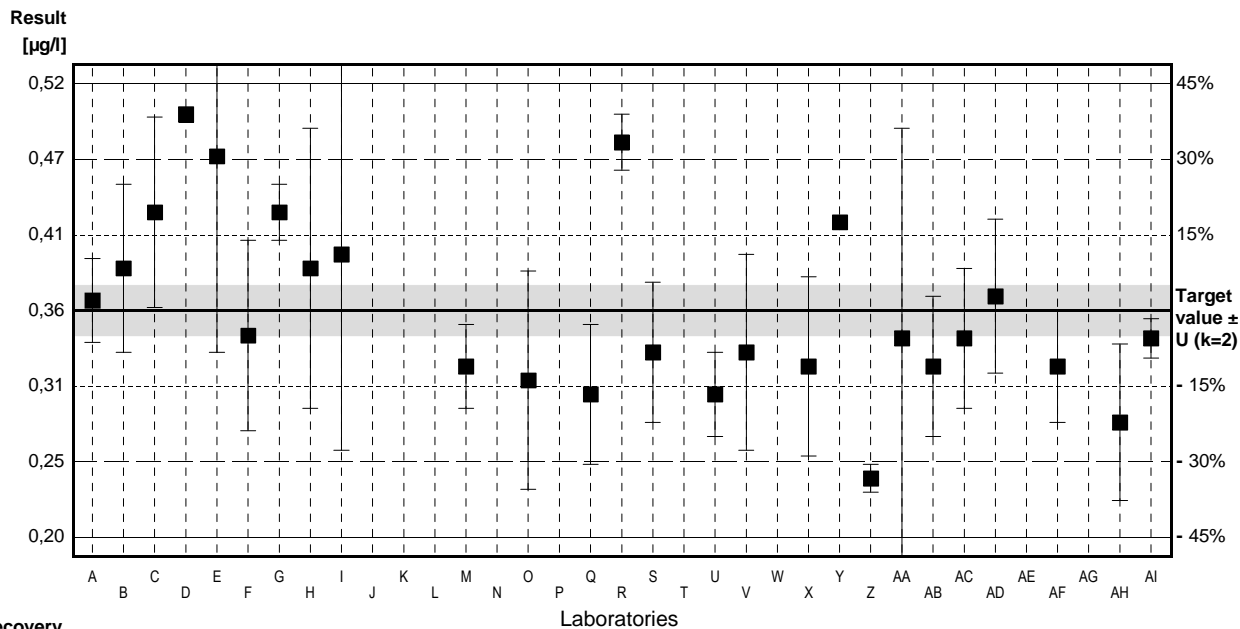
Target value ± U (k=2) 0,36 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 0,37 µg/l ± 0,06 µg/l

Stability test ± U (k=2) 0,37 µg/l ± 0,06 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,367  | 0,030 | µg/l | 102%     | 0,11    |
| B        | 0,39   | 0,06  | µg/l | 108%     | 0,49    |
| C        | 0,43   | 0,068 | µg/l | 119%     | 1,14    |
| D        | 0,5    |       | µg/l | 139%     | 2,29    |
| E        | 0,47   | 0,14  | µg/l | 131%     | 1,80    |
| F        | 0,342  | 0,068 | µg/l | 95%      | -0,29   |
| G        | 0,43   | 0,02  | µg/l | 119%     | 1,14    |
| H        | 0,39   | 0,10  | µg/l | 108%     | 0,49    |
| I        | 0,40   | 0,14  | µg/l | 111%     | 0,65    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        | <1,11  |       | µg/l | •        |         |
| M        | 0,32   | 0,03  | µg/l | 89%      | -0,65   |
| N        | <0,50  | 0,15  | µg/l | •        |         |
| O        | 0,31   | 0,078 | µg/l | 86%      | -0,82   |
| P        |        |       | µg/l |          |         |
| Q        | 0,3    | 0,05  | µg/l | 83%      | -0,98   |
| R        | 0,48   | 0,02  | µg/l | 133%     | 1,96    |
| S        | 0,33   | 0,05  | µg/l | 92%      | -0,49   |
| T        | <0,5   |       | µg/l | •        |         |
| U        | 0,3    | 0,03  | µg/l | 83%      | -0,98   |
| V        | 0,33   | 0,07  | µg/l | 92%      | -0,49   |
| W        |        |       | µg/l |          |         |
| X        | 0,320  | 0,064 | µg/l | 89%      | -0,65   |
| Y        | 0,423  |       | µg/l | 118%     | 1,03    |
| Z        | 0,24   | 0,01  | µg/l | 67%      | -1,96   |
| AA       | 0,34   | 0,15  | µg/l | 94%      | -0,33   |
| AB       | 0,32   | 0,05  | µg/l | 89%      | -0,65   |
| AC       | 0,34   | 0,05  | µg/l | 94%      | -0,33   |
| AD       | 0,37   | 0,055 | µg/l | 103%     | 0,16    |
| AE       |        |       | µg/l |          |         |
| AF       | 0,32   | 0,04  | µg/l | 89%      | -0,65   |
| AG       | <0,5   |       | µg/l | •        |         |
| AH       | 0,28   | 0,056 | µg/l | 78%      | -1,31   |
| AI       | 0,34   | 0,014 | µg/l | 94%      | -0,33   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 0,36 ± 0,04 | 0,36 ± 0,04    | µg/l |
| Recov. ± CI(99%)  | 100,2 ± 9,8 | 100,2 ± 9,8    | %    |
| SD between labs   | 0,06        | 0,06           | µg/l |
| RSD between labs  | 17,8        | 17,8           | %    |
| n for calculation | 26          | 26             |      |



# Sample C54A

## Parameter Bromodichloromethane

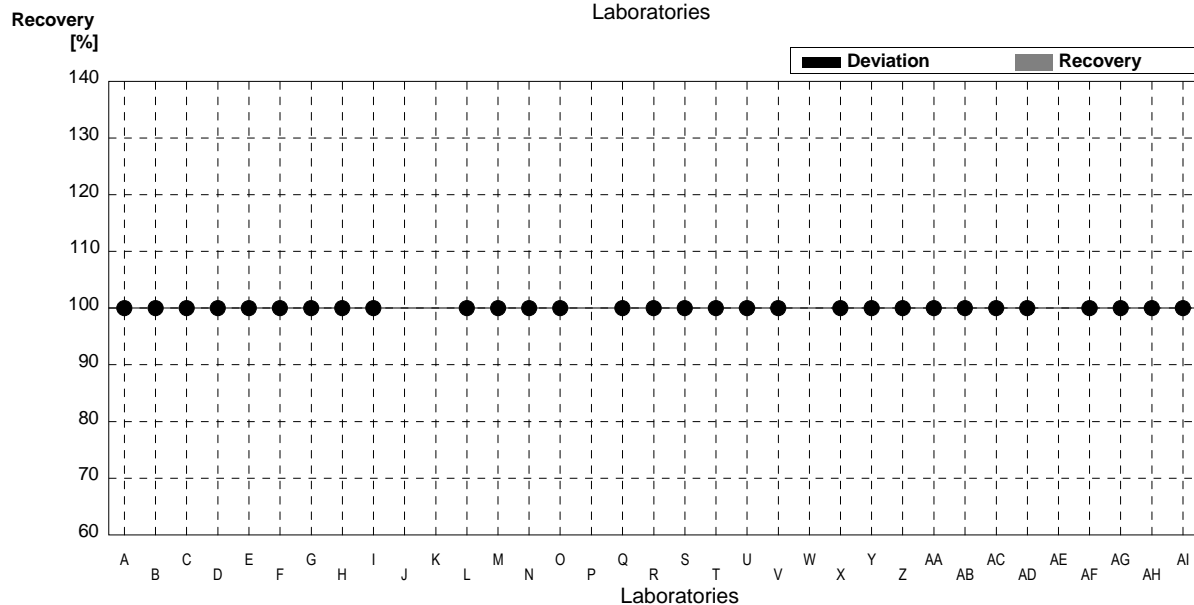
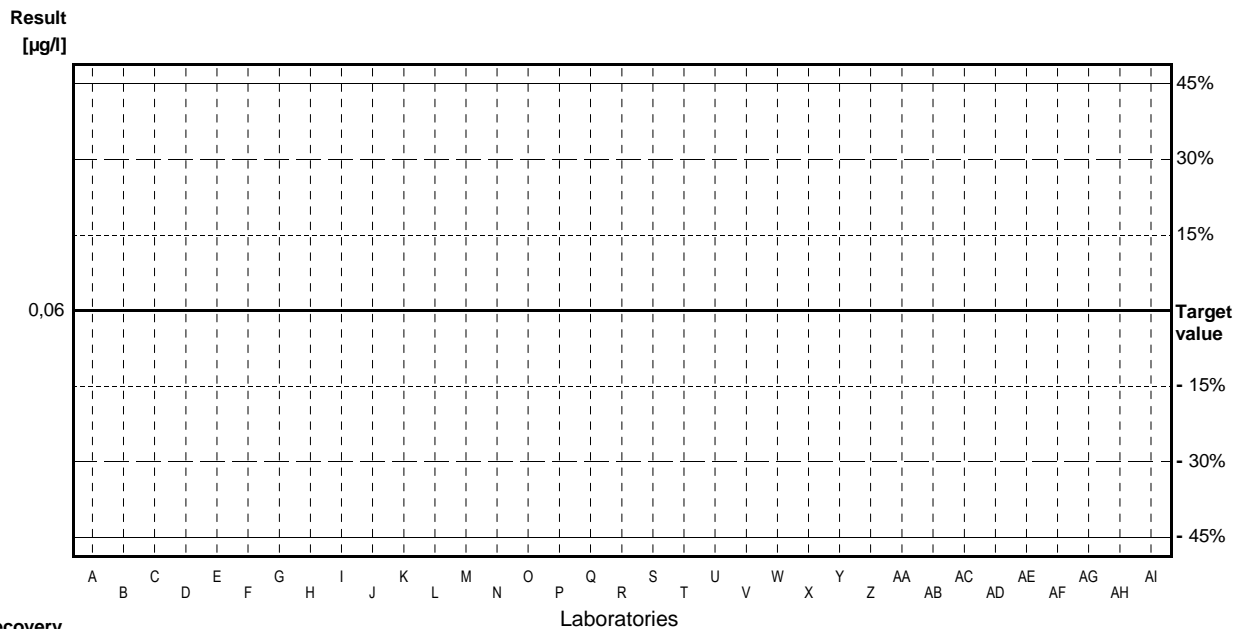
Target value <0,06 µg/l

IFA result <0,03 µg/l

Stability test <0,03 µg/l

| Lab Code | Result    | ±     | Unit | Recovery | z-Score |
|----------|-----------|-------|------|----------|---------|
| A        | <0,250    | 0,196 | µg/l | •        |         |
| B        | <0,2      | 0,03  | µg/l | •        |         |
| C        | <0,05     |       | µg/l | •        |         |
| D        | <0,1      |       | µg/l | •        |         |
| E        | <0,2      | 0,06  | µg/l | •        |         |
| F        | <0,020    |       | µg/l | •        |         |
| G        | <0,06     |       | µg/l | •        |         |
| H        | <0,10     |       | µg/l | •        |         |
| I        | <0,10     | 0,04  | µg/l | •        |         |
| J        |           |       | µg/l |          |         |
| K        | <0,05 (BG |       | µg/l |          |         |
| L        | <0,51     |       | µg/l | •        |         |
| M        | <0,1      |       | µg/l | •        |         |
| N        | <0,50     | 0,15  | µg/l | •        |         |
| O        | <0,1      |       | µg/l | •        |         |
| P        |           |       | µg/l |          |         |
| Q        | <0,1      |       | µg/l | •        |         |
| R        | <1,0      |       | µg/l | •        |         |
| S        | <0,3      |       | µg/l | •        |         |
| T        | <0,5      |       | µg/l | •        |         |
| U        | <0,03     |       | µg/l | •        |         |
| V        | <0,05     |       | µg/l | •        |         |
| W        |           |       | µg/l |          |         |
| X        | <0,1      |       | µg/l | •        |         |
| Y        | <0,131    |       | µg/l | •        |         |
| Z        | <0,2      |       | µg/l | •        |         |
| AA       | <0,10     |       | µg/l | •        |         |
| AB       | <0,1      |       | µg/l | •        |         |
| AC       | <0,01     |       | µg/l | •        |         |
| AD       | <0,1      |       | µg/l | •        |         |
| AE       |           |       | µg/l |          |         |
| AF       | <0,1      |       | µg/l | •        |         |
| AG       | <0,5      |       | µg/l | •        |         |
| AH       | <0,030    |       | µg/l | •        |         |
| AI       | <0,05     |       | µg/l | •        |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    |             |                | µg/l |
| Recov. ± CI(99%)  |             |                | %    |
| SD between labs   |             |                | µg/l |
| RSD between labs  |             |                | %    |
| n for calculation |             |                |      |



# Sample C54B

## Parameter Bromodichloromethane

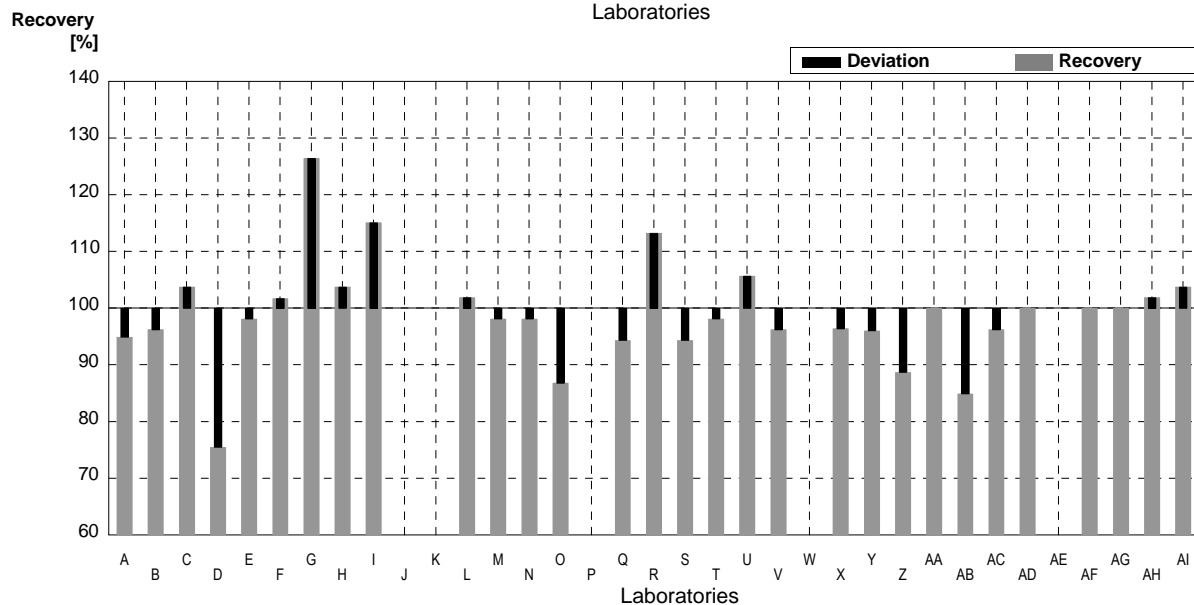
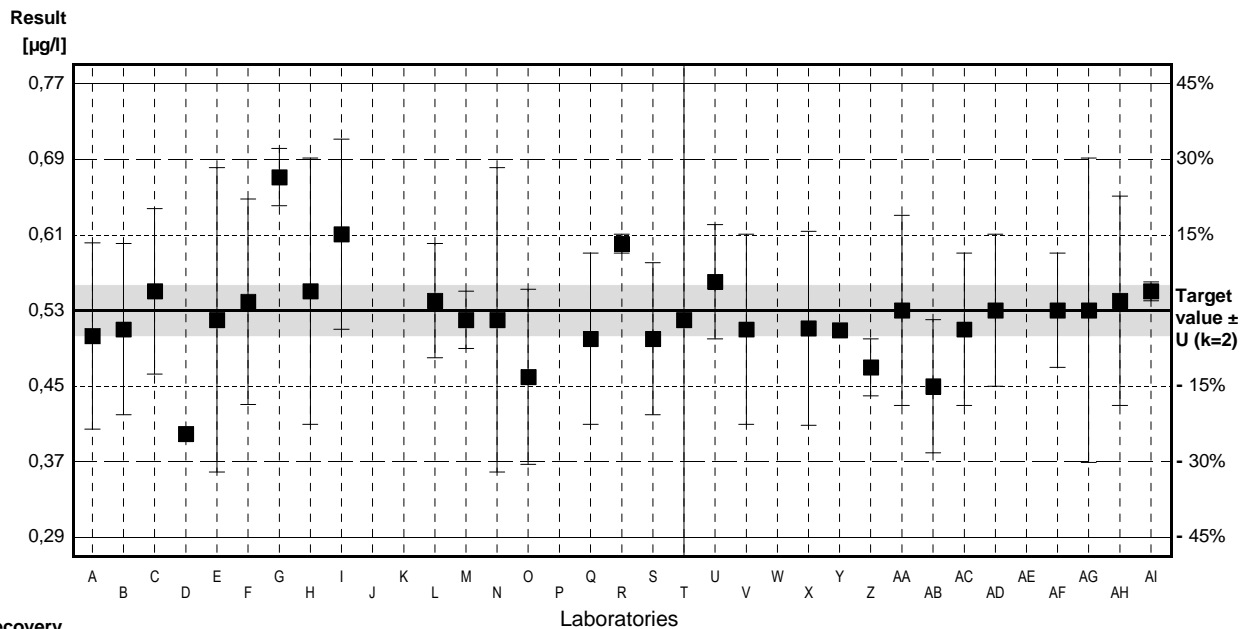
Target value ± U (k=2) 0,53 µg/l ± 0,03 µg/l

IFA result ± U (k=2) 0,53 µg/l ± 0,08 µg/l

Stability test ± U (k=2) 0,54 µg/l ± 0,08 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,503  | 0,098 | µg/l | 95%      | -0,36   |
| B        | 0,51   | 0,09  | µg/l | 96%      | -0,27   |
| C        | 0,55   | 0,087 | µg/l | 104%     | 0,27    |
| D        | 0,4    | *     | µg/l | 75%      | -1,75   |
| E        | 0,52   | 0,16  | µg/l | 98%      | -0,13   |
| F        | 0,539  | 0,108 | µg/l | 102%     | 0,12    |
| G        | 0,67   | *     | µg/l | 126%     | 1,89    |
| H        | 0,55   | 0,14  | µg/l | 104%     | 0,27    |
| I        | 0,61   | *     | µg/l | 115%     | 1,08    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        | 0,54   | 0,060 | µg/l | 102%     | 0,13    |
| M        | 0,52   | 0,03  | µg/l | 98%      | -0,13   |
| N        | 0,52   | 0,16  | µg/l | 98%      | -0,13   |
| O        | 0,46   | 0,092 | µg/l | 87%      | -0,94   |
| P        |        |       | µg/l |          |         |
| Q        | 0,5    | 0,09  | µg/l | 94%      | -0,40   |
| R        | 0,60   | 0,01  | µg/l | 113%     | 0,94    |
| S        | 0,50   | 0,08  | µg/l | 94%      | -0,40   |
| T        | 0,52   | 0,90  | µg/l | 98%      | -0,13   |
| U        | 0,56   | 0,06  | µg/l | 106%     | 0,40    |
| V        | 0,51   | 0,10  | µg/l | 96%      | -0,27   |
| W        |        |       | µg/l |          |         |
| X        | 0,511  | 0,102 | µg/l | 96%      | -0,26   |
| Y        | 0,509  |       | µg/l | 96%      | -0,28   |
| Z        | 0,47   | 0,03  | µg/l | 89%      | -0,81   |
| AA       | 0,53   | 0,10  | µg/l | 100%     | 0,00    |
| AB       | 0,45   | 0,07  | µg/l | 85%      | -1,08   |
| AC       | 0,51   | 0,08  | µg/l | 96%      | -0,27   |
| AD       | 0,53   | 0,08  | µg/l | 100%     | 0,00    |
| AE       |        |       | µg/l |          |         |
| AF       | 0,53   | 0,06  | µg/l | 100%     | 0,00    |
| AG       | 0,53   | 0,16  | µg/l | 100%     | 0,00    |
| AH       | 0,54   | 0,11  | µg/l | 102%     | 0,13    |
| AI       | 0,55   | 0,010 | µg/l | 104%     | 0,27    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 0,52 ± 0,02 | 0,52 ± 0,02    | µg/l |
| Recov. ± CI(99%)  | 99,0 ± 4,6  | 98,3 ± 3,1     | %    |
| SD between labs   | 0,05        | 0,03           | µg/l |
| RSD between labs  | 9,3         | 5,9            | %    |
| n for calculation | 30          | 27             |      |



# Sample C54A

## Parameter Dibromochloromethane

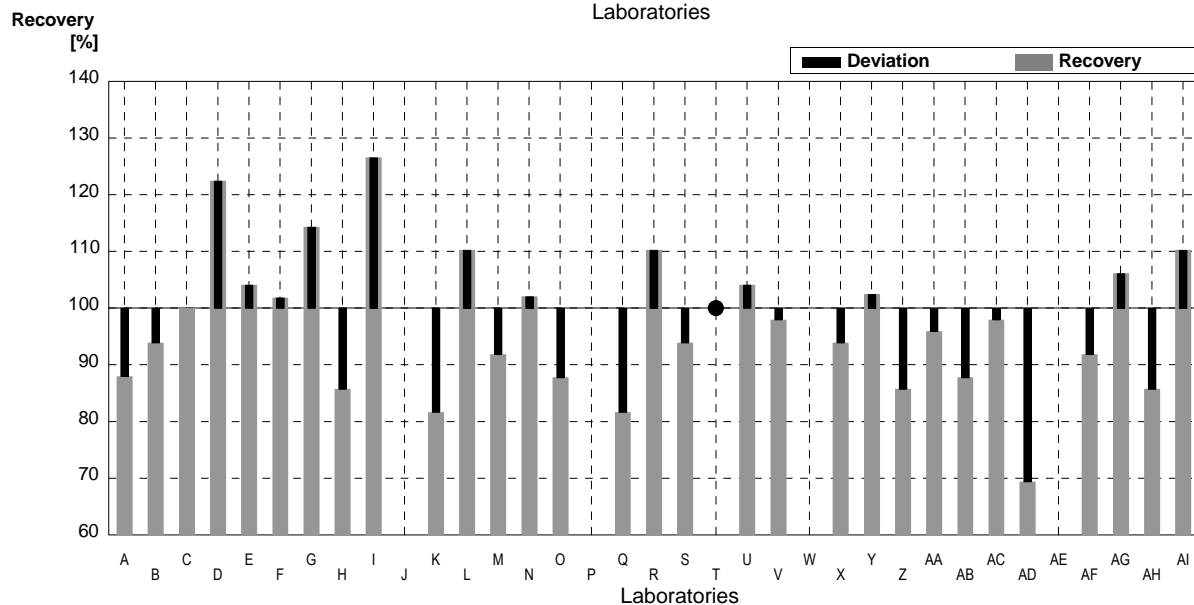
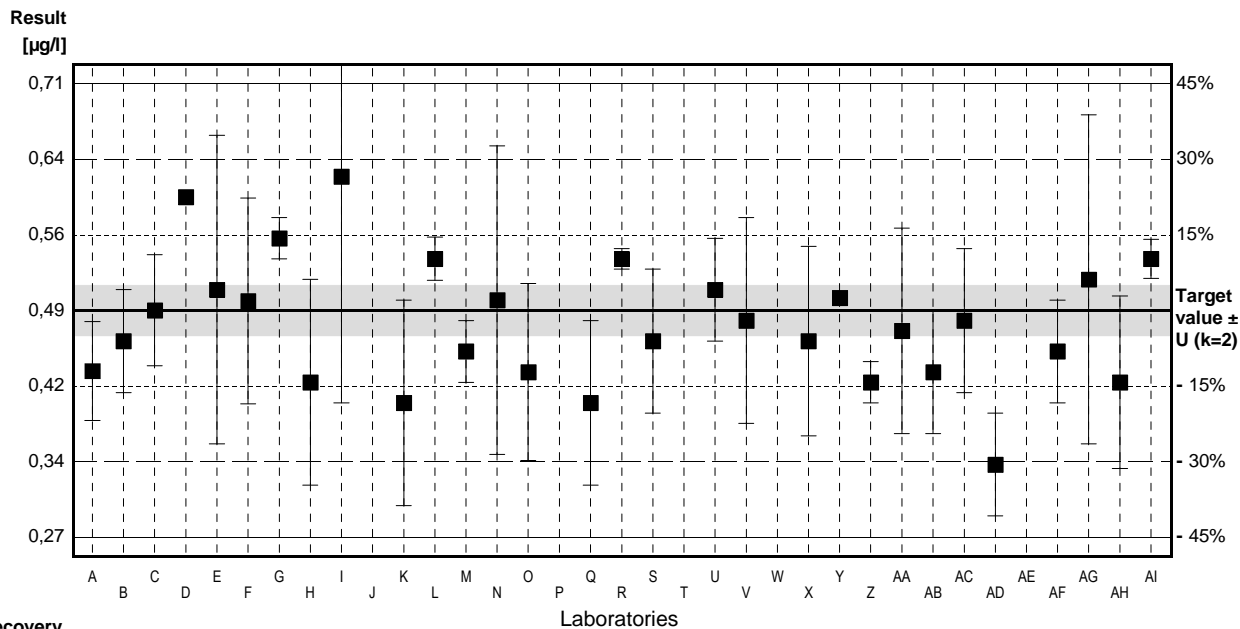
Target value ± U (k=2) 0,49 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 0,50 µg/l ± 0,08 µg/l

Stability test ± U (k=2) 0,50 µg/l ± 0,08 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,431  | 0,048 | µg/l | 88%      | -0,80   |
| B        | 0,46   | 0,05  | µg/l | 94%      | -0,41   |
| C        | 0,49   | 0,054 | µg/l | 100%     | 0,00    |
| D        | 0,6    |       | µg/l | 122%     | 1,50    |
| E        | 0,51   | 0,15  | µg/l | 104%     | 0,27    |
| F        | 0,499  | 0,100 | µg/l | 102%     | 0,12    |
| G        | 0,56   | 0,02  | µg/l | 114%     | 0,95    |
| H        | 0,42   | 0,10  | µg/l | 86%      | -0,95   |
| I        | 0,62   | 0,22  | µg/l | 127%     | 1,77    |
| J        |        |       | µg/l |          |         |
| K        | 0,40   | 0,10  | µg/l | 82%      | -1,22   |
| L        | 0,54   | 0,021 | µg/l | 110%     | 0,68    |
| M        | 0,45   | 0,03  | µg/l | 92%      | -0,54   |
| N        | 0,50   | 0,15  | µg/l | 102%     | 0,14    |
| O        | 0,43   | 0,086 | µg/l | 88%      | -0,82   |
| P        |        |       | µg/l |          |         |
| Q        | 0,4    | 0,08  | µg/l | 82%      | -1,22   |
| R        | 0,54   | 0,01  | µg/l | 110%     | 0,68    |
| S        | 0,46   | 0,07  | µg/l | 94%      | -0,41   |
| T        | <0,5   |       | µg/l | •        |         |
| U        | 0,51   | 0,05  | µg/l | 104%     | 0,27    |
| V        | 0,48   | 0,10  | µg/l | 98%      | -0,14   |
| W        |        |       | µg/l |          |         |
| X        | 0,460  | 0,092 | µg/l | 94%      | -0,41   |
| Y        | 0,502  |       | µg/l | 102%     | 0,16    |
| Z        | 0,42   | 0,02  | µg/l | 86%      | -0,95   |
| AA       | 0,47   | 0,10  | µg/l | 96%      | -0,27   |
| AB       | 0,43   | 0,06  | µg/l | 88%      | -0,82   |
| AC       | 0,48   | 0,07  | µg/l | 98%      | -0,14   |
| AD       | 0,34   | 0,05  | µg/l | 69%      | -2,04   |
| AE       |        |       | µg/l |          |         |
| AF       | 0,45   | 0,05  | µg/l | 92%      | -0,54   |
| AG       | 0,52   | 0,16  | µg/l | 106%     | 0,41    |
| AH       | 0,42   | 0,084 | µg/l | 86%      | -0,95   |
| AI       | 0,54   | 0,019 | µg/l | 110%     | 0,68    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 0,48 ± 0,03 | 0,48 ± 0,03    | µg/l |
| Recov. ± CI(99%)  | 97,5 ± 6,3  | 97,5 ± 6,3     | %    |
| SD between labs   | 0,06        | 0,06           | µg/l |
| RSD between labs  | 12,9        | 12,9           | %    |
| n for calculation | 30          | 30             |      |





# Sample C54B

## Parameter Dibromochloromethane

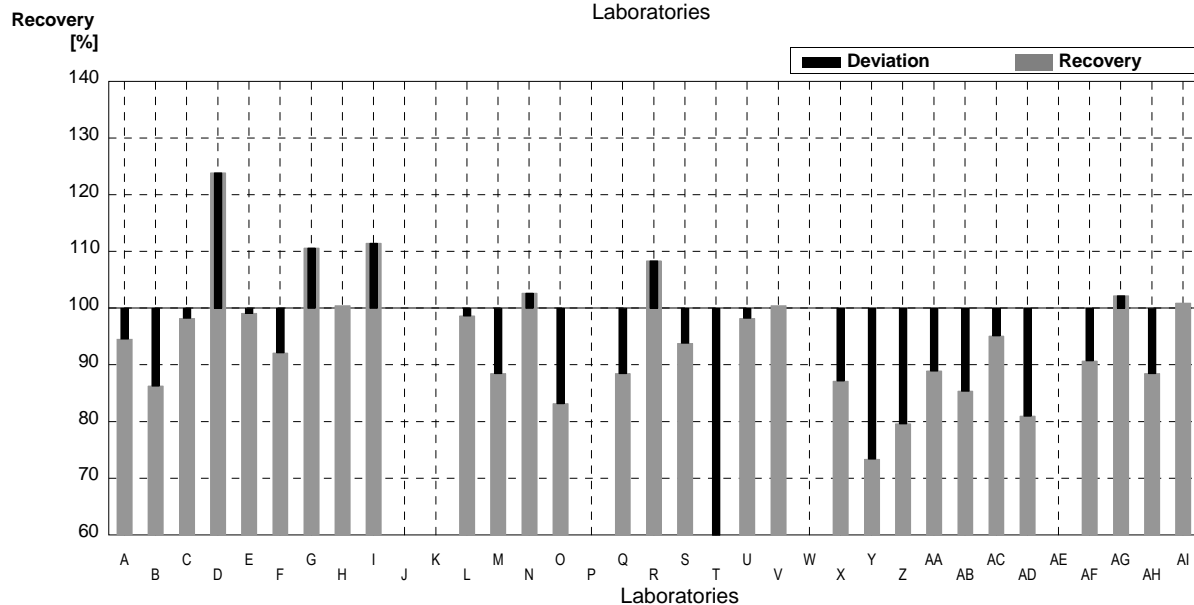
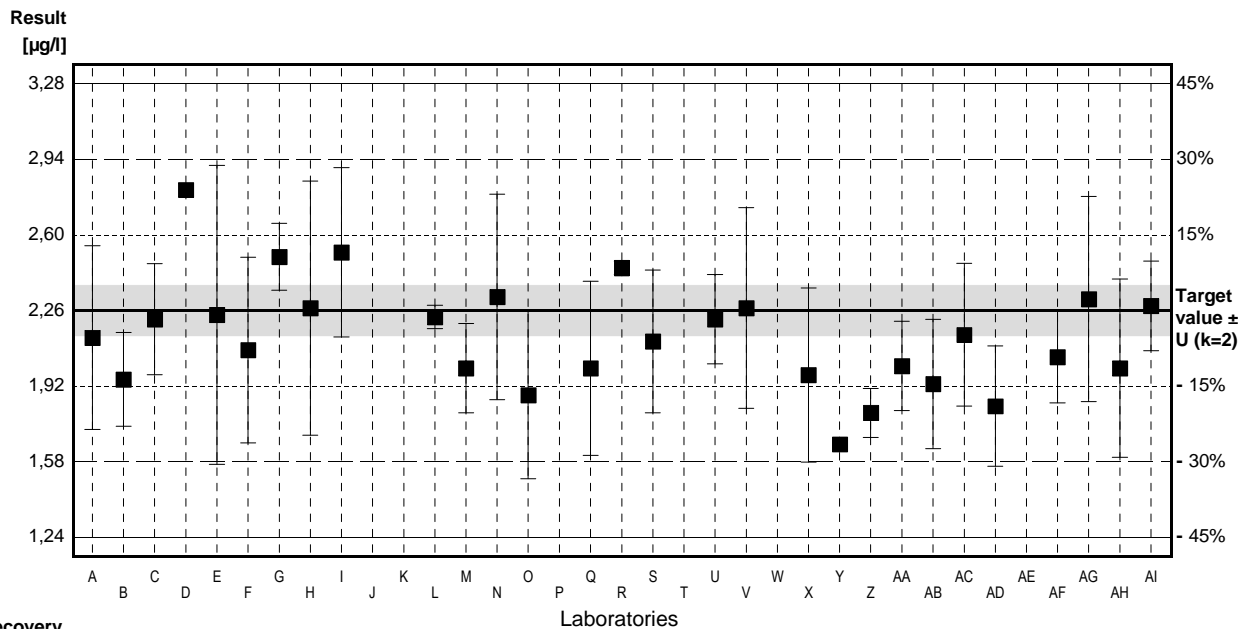
Target value ± U (k=2) 2,26 µg/l ± 0,11 µg/l

IFA result ± U (k=2) 2,21 µg/l ± 0,33 µg/l

Stability test ± U (k=2) 2,27 µg/l ± 0,34 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 2,137  | 0,412 | µg/l | 95%      | -0,36   |
| B        | 1,95   | 0,21  | µg/l | 86%      | -0,91   |
| C        | 2,22   | 0,249 | µg/l | 98%      | -0,12   |
| D        | 2,8    |       | µg/l | 124%     | 1,59    |
| E        | 2,24   | 0,67  | µg/l | 99%      | -0,06   |
| F        | 2,082  | 0,416 | µg/l | 92%      | -0,53   |
| G        | 2,5    | 0,15  | µg/l | 111%     | 0,71    |
| H        | 2,27   | 0,57  | µg/l | 100%     | 0,03    |
| I        | 2,52   | 0,38  | µg/l | 112%     | 0,77    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        | 2,23   | 0,053 | µg/l | 99%      | -0,09   |
| M        | 2,0    | 0,2   | µg/l | 88%      | -0,77   |
| N        | 2,32   | 0,46  | µg/l | 103%     | 0,18    |
| O        | 1,88   | 0,376 | µg/l | 83%      | -1,12   |
| P        |        |       | µg/l |          |         |
| Q        | 2,0    | 0,39  | µg/l | 88%      | -0,77   |
| R        | 2,45   | 0,03  | µg/l | 108%     | 0,56    |
| S        | 2,12   | 0,32  | µg/l | 94%      | -0,41   |
| T        | 1,03 * | 0,16  | µg/l | 46%      | -3,63   |
| U        | 2,22   | 0,2   | µg/l | 98%      | -0,12   |
| V        | 2,27   | 0,45  | µg/l | 100%     | 0,03    |
| W        |        |       | µg/l |          |         |
| X        | 1,97   | 0,39  | µg/l | 87%      | -0,86   |
| Y        | 1,659  |       | µg/l | 73%      | -1,77   |
| Z        | 1,8    | 0,11  | µg/l | 80%      | -1,36   |
| AA       | 2,01   | 0,20  | µg/l | 89%      | -0,74   |
| AB       | 1,93   | 0,29  | µg/l | 85%      | -0,97   |
| AC       | 2,15   | 0,32  | µg/l | 95%      | -0,32   |
| AD       | 1,83   | 0,27  | µg/l | 81%      | -1,27   |
| AE       |        |       | µg/l |          |         |
| AF       | 2,05   | 0,205 | µg/l | 91%      | -0,62   |
| AG       | 2,31   | 0,46  | µg/l | 102%     | 0,15    |
| AH       | 2,0    | 0,40  | µg/l | 88%      | -0,77   |
| AI       | 2,28   | 0,201 | µg/l | 101%     | 0,06    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 2,11 ± 0,16 | 2,14 ± 0,12    | µg/l |
| Recov. ± CI(99%)  | 93,3 ± 7,0  | 94,9 ± 5,5     | %    |
| SD between labs   | 0,31        | 0,24           | µg/l |
| RSD between labs  | 14,9        | 11,3           | %    |
| n for calculation | 30          | 29             |      |



# Sample C54A

## Parameter Dichloromethane

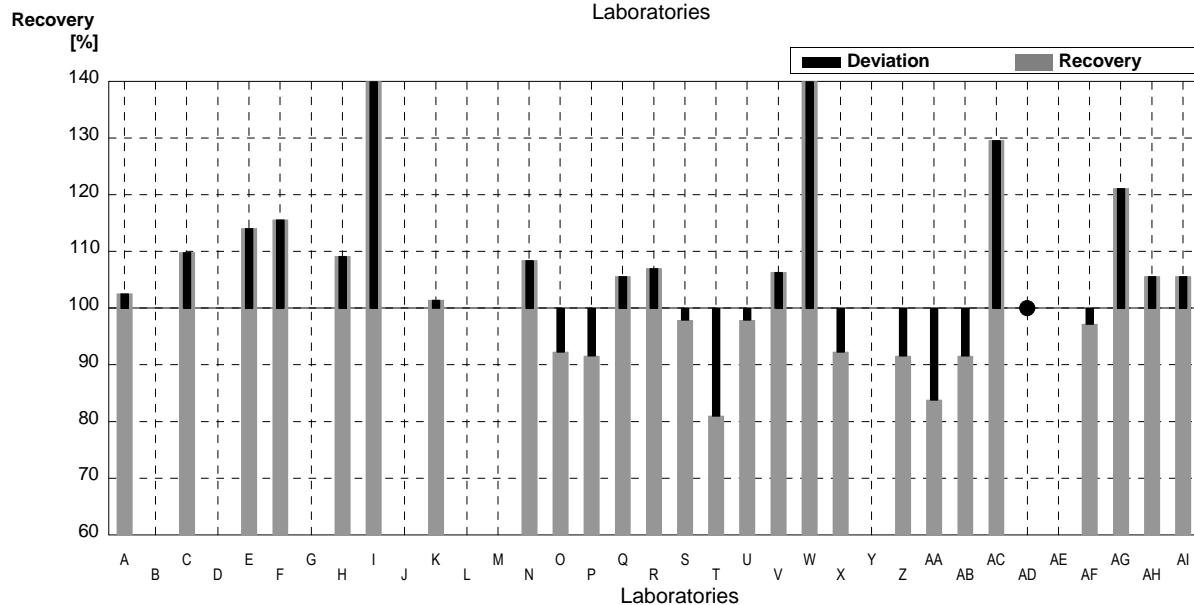
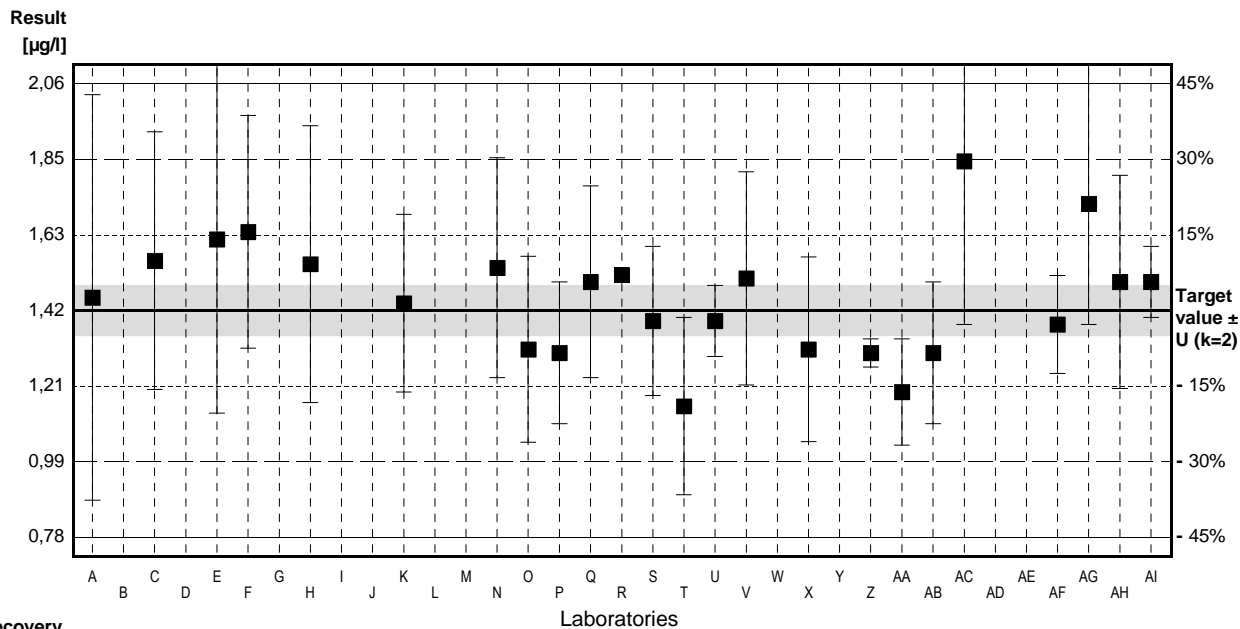
Target value ± U (k=2) 1,42 µg/l ± 0,07 µg/l

IFA result ± U (k=2) 1,42 µg/l ± 0,21 µg/l

Stability test ± U (k=2) 1,44 µg/l ± 0,22 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 1,456  | 0,571 | µg/l | 103%     | 0,18    |
| B        |        |       | µg/l |          |         |
| C        | 1,56   | 0,363 | µg/l | 110%     | 0,70    |
| D        |        |       | µg/l |          |         |
| E        | 1,62   | 0,49  | µg/l | 114%     | 1,01    |
| F        | 1,641  | 0,328 | µg/l | 116%     | 1,11    |
| G        |        |       | µg/l |          |         |
| H        | 1,55   | 0,39  | µg/l | 109%     | 0,65    |
| I        | 2,36 * | 0,34  | µg/l | 166%     | 4,73    |
| J        |        |       | µg/l |          |         |
| K        | 1,44   | 0,25  | µg/l | 101%     | 0,10    |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 1,54   | 0,31  | µg/l | 108%     | 0,60    |
| O        | 1,31   | 0,262 | µg/l | 92%      | -0,55   |
| P        | 1,3    | 0,2   | µg/l | 92%      | -0,60   |
| Q        | 1,5    | 0,27  | µg/l | 106%     | 0,40    |
| R        | 1,52   | 0,01  | µg/l | 107%     | 0,50    |
| S        | 1,39   | 0,21  | µg/l | 98%      | -0,15   |
| T        | 1,15   | 0,25  | µg/l | 81%      | -1,36   |
| U        | 1,39   | 0,1   | µg/l | 98%      | -0,15   |
| V        | 1,51   | 0,30  | µg/l | 106%     | 0,45    |
| W        | 2,2 *  | 0,22  | µg/l | 155%     | 3,92    |
| X        | 1,31   | 0,26  | µg/l | 92%      | -0,55   |
| Y        |        |       | µg/l |          |         |
| Z        | 1,3    | 0,04  | µg/l | 92%      | -0,60   |
| AA       | 1,19   | 0,15  | µg/l | 84%      | -1,16   |
| AB       | 1,30   | 0,20  | µg/l | 92%      | -0,60   |
| AC       | 1,84   | 0,46  | µg/l | 130%     | 2,11    |
| AD       | <5,0   |       | µg/l | *        |         |
| AE       |        |       | µg/l |          |         |
| AF       | 1,38   | 0,138 | µg/l | 97%      | -0,20   |
| AG       | 1,72   | 0,34  | µg/l | 121%     | 1,51    |
| AH       | 1,5    | 0,30  | µg/l | 106%     | 0,40    |
| AI       | 1,5    | 0,10  | µg/l | 106%     | 0,40    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 1,52 ± 0,15  | 1,45 ± 0,09    | µg/l |
| Recov. ± CI(99%)  | 106,9 ± 10,6 | 102,5 ± 6,6    | %    |
| SD between labs   | 0,27         | 0,16           | µg/l |
| RSD between labs  | 18,1         | 11,2           | %    |
| n for calculation | 26           | 24             |      |



### Sample C54B

#### Parameter Dichloromethane

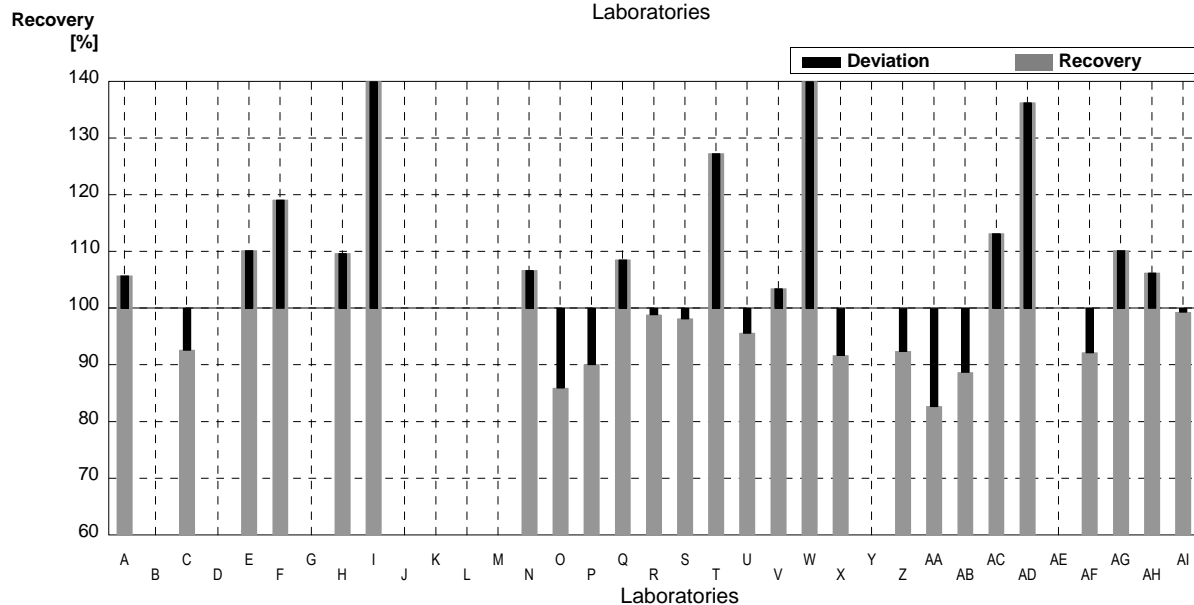
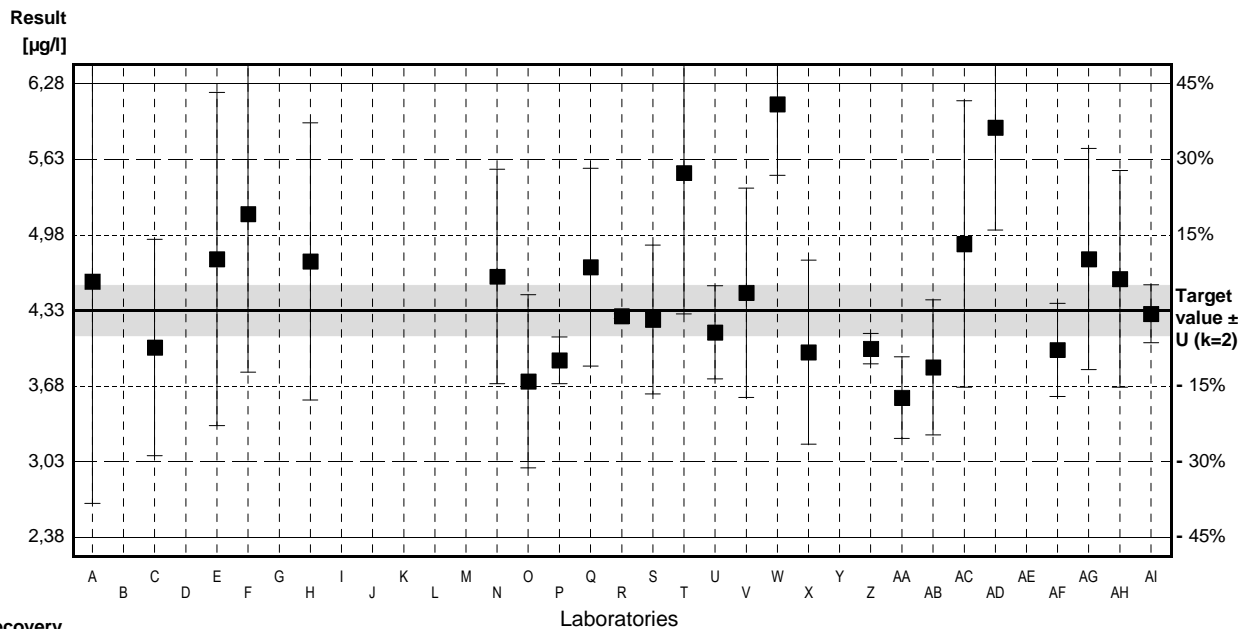
Target value ± U (k=2) 4,33 µg/l ± 0,22 µg/l

IFA result ± U (k=2) 4,31 µg/l ± 0,65 µg/l

Stability test ± U (k=2) 4,42 µg/l ± 0,66 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 4,577  | 1,906 | µg/l | 106%     | 0,41    |
| B        |        |       | µg/l |          |         |
| C        | 4,01   | 0,929 | µg/l | 93%      | -0,53   |
| D        |        |       | µg/l |          |         |
| E        | 4,77   | 1,43  | µg/l | 110%     | 0,73    |
| F        | 5,158  | 1,360 | µg/l | 119%     | 1,37    |
| G        |        |       | µg/l |          |         |
| H        | 4,75   | 1,19  | µg/l | 110%     | 0,69    |
| I        | 6,28   | 0,94  | µg/l | 145%     | 3,22    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 4,62   | 0,92  | µg/l | 107%     | 0,48    |
| O        | 3,72   | 0,744 | µg/l | 86%      | -1,01   |
| P        | 3,9    | 0,2   | µg/l | 90%      | -0,71   |
| Q        | 4,7    | 0,85  | µg/l | 109%     | 0,61    |
| R        | 4,28   | 0,02  | µg/l | 99%      | -0,08   |
| S        | 4,25   | 0,64  | µg/l | 98%      | -0,13   |
| T        | 5,51   | 1,21  | µg/l | 127%     | 1,95    |
| U        | 4,14   | 0,4   | µg/l | 96%      | -0,31   |
| V        | 4,48   | 0,90  | µg/l | 103%     | 0,25    |
| W        | 6,1    | 0,61  | µg/l | 141%     | 2,92    |
| X        | 3,97   | 0,79  | µg/l | 92%      | -0,59   |
| Y        |        |       | µg/l |          |         |
| Z        | 4,0    | 0,13  | µg/l | 92%      | -0,54   |
| AA       | 3,58   | 0,35  | µg/l | 83%      | -1,24   |
| AB       | 3,84   | 0,58  | µg/l | 89%      | -0,81   |
| AC       | 4,90   | 1,23  | µg/l | 113%     | 0,94    |
| AD       | 5,9    | 0,88  | µg/l | 136%     | 2,59    |
| AE       |        |       | µg/l |          |         |
| AF       | 3,99   | 0,4   | µg/l | 92%      | -0,56   |
| AG       | 4,77   | 0,95  | µg/l | 110%     | 0,73    |
| AH       | 4,6    | 0,93  | µg/l | 106%     | 0,45    |
| AI       | 4,3    | 0,25  | µg/l | 99%      | -0,05   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 4,58 ± 0,39 | 4,58 ± 0,39    | µg/l |
| Recov. ± CI(99%)  | 105,8 ± 9,1 | 105,8 ± 9,1    | %    |
| SD between labs   | 0,72        | 0,72           | µg/l |
| RSD between labs  | 15,7        | 15,7           | %    |
| n for calculation | 26          | 26             |      |



# Sample C54A

## Parameter 1,2-Dichloroethane

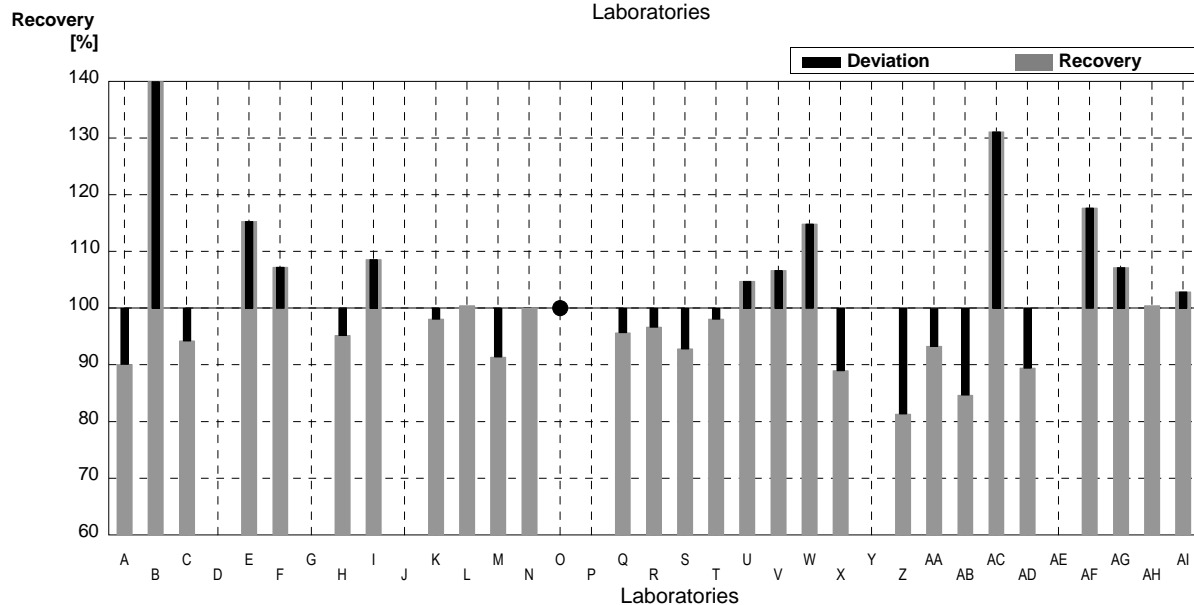
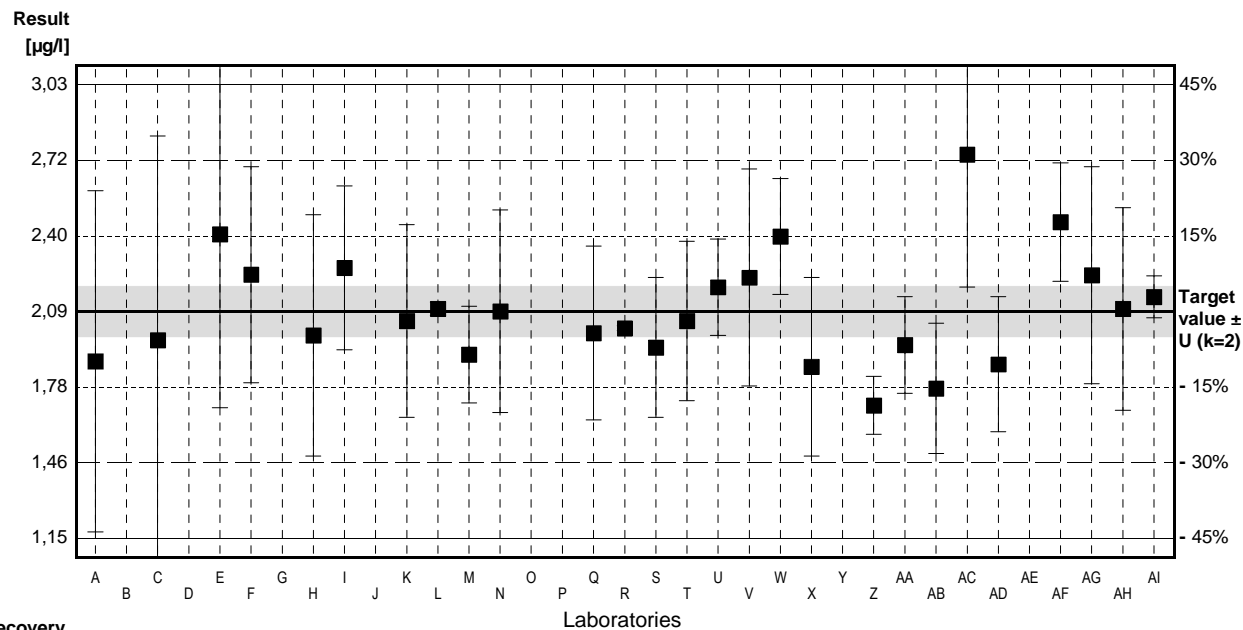
Target value ± U (k=2) 2,09 µg/l ± 0,10 µg/l

IFA result ± U (k=2) 2,12 µg/l ± 0,32 µg/l

Stability test ± U (k=2) 2,13 µg/l ± 0,32 µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 1,883   | 0,707 | µg/l | 90%      | -0,71   |
| B        | 47,57 * | 8,0   | µg/l | 2276%    | 155,43  |
| C        | 1,97    | 0,847 | µg/l | 94%      | -0,41   |
| D        |         |       |      |          |         |
| E        | 2,41    | 0,72  | µg/l | 115%     | 1,09    |
| F        | 2,242   | 0,448 | µg/l | 107%     | 0,52    |
| G        |         |       | µg/l |          |         |
| H        | 1,99    | 0,50  | µg/l | 95%      | -0,34   |
| I        | 2,27    | 0,34  | µg/l | 109%     | 0,62    |
| J        |         |       | µg/l |          |         |
| K        | 2,05    | 0,40  | µg/l | 98%      | -0,14   |
| L        | 2,10    | 0,028 | µg/l | 100%     | 0,03    |
| M        | 1,91    | 0,2   | µg/l | 91%      | -0,62   |
| N        | 2,09    | 0,42  | µg/l | 100%     | 0,00    |
| O        | <3,0    |       | µg/l | *        |         |
| P        |         |       | µg/l |          |         |
| Q        | 2,0     | 0,36  | µg/l | 96%      | -0,31   |
| R        | 2,02    | 0,01  | µg/l | 97%      | -0,24   |
| S        | 1,94    | 0,29  | µg/l | 93%      | -0,51   |
| T        | 2,05    | 0,33  | µg/l | 98%      | -0,14   |
| U        | 2,19    | 0,2   | µg/l | 105%     | 0,34    |
| V        | 2,23    | 0,45  | µg/l | 107%     | 0,48    |
| W        | 2,4     | 0,24  | µg/l | 115%     | 1,06    |
| X        | 1,86    | 0,37  | µg/l | 89%      | -0,79   |
| Y        |         |       | µg/l |          |         |
| Z        | 1,7     | 0,12  | µg/l | 81%      | -1,33   |
| AA       | 1,95    | 0,20  | µg/l | 93%      | -0,48   |
| AB       | 1,77    | 0,27  | µg/l | 85%      | -1,09   |
| AC       | 2,74    | 0,55  | µg/l | 131%     | 2,22    |
| AD       | 1,87    | 0,28  | µg/l | 89%      | -0,75   |
| AE       |         |       | µg/l |          |         |
| AF       | 2,46    | 0,246 | µg/l | 118%     | 1,26    |
| AG       | 2,24    | 0,45  | µg/l | 107%     | 0,51    |
| AH       | 2,1     | 0,42  | µg/l | 100%     | 0,03    |
| AI       | 2,15    | 0,087 | µg/l | 103%     | 0,21    |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 3,72 ± 4,50   | 2,10 ± 0,12    | µg/l |
| Recov. ± CI(99%)  | 178,0 ± 215,3 | 100,3 ± 5,9    | %    |
| SD between labs   | 8,60          | 0,23           | µg/l |
| RSD between labs  | 231,1         | 11,0           | %    |
| n for calculation | 28            | 27             |      |



### Sample C54B

#### Parameter 1,2-Dichloroethane

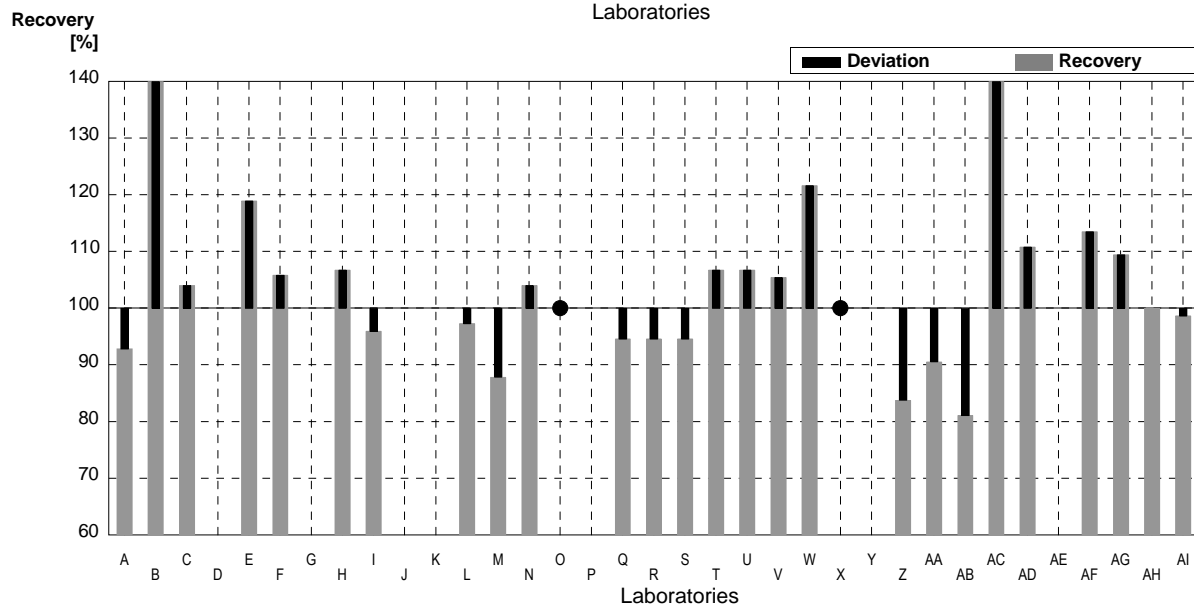
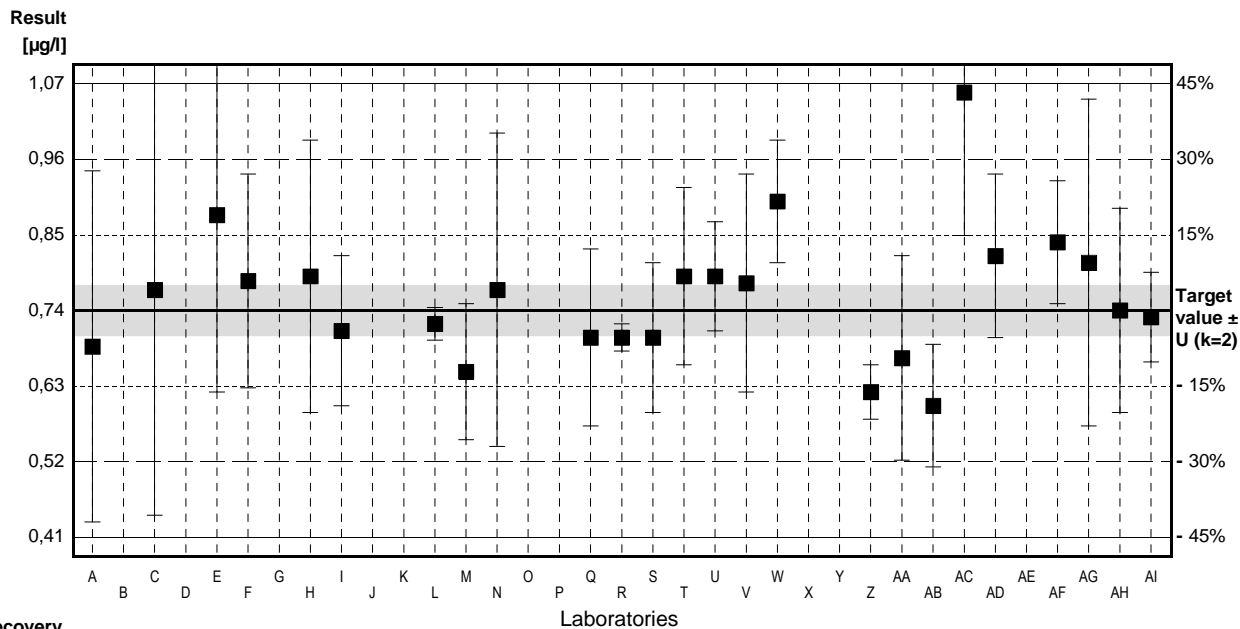
Target value ± U (k=2) 0,74 µg/l ± 0,04 µg/l

IFA result ± U (k=2) 0,75 µg/l ± 0,11 µg/l

Stability test ± U (k=2) 0,77 µg/l ± 0,12 µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 0,687   | 0,258 | µg/l | 93%      | -0,51   |
| B        | 26,68 * | 4,5   | µg/l | 3605%    | 250,39  |
| C        | 0,77    | 0,331 | µg/l | 104%     | 0,29    |
| D        |         |       | µg/l |          |         |
| E        | 0,88    | 0,26  | µg/l | 119%     | 1,35    |
| F        | 0,783   | 0,157 | µg/l | 106%     | 0,42    |
| G        |         |       | µg/l |          |         |
| H        | 0,79    | 0,20  | µg/l | 107%     | 0,48    |
| I        | 0,71    | 0,11  | µg/l | 96%      | -0,29   |
| J        |         |       | µg/l |          |         |
| K        |         |       | µg/l |          |         |
| L        | 0,72    | 0,024 | µg/l | 97%      | -0,19   |
| M        | 0,65    | 0,1   | µg/l | 88%      | -0,87   |
| N        | 0,77    | 0,23  | µg/l | 104%     | 0,29    |
| O        | <3,0    |       | µg/l | *        |         |
| P        |         |       | µg/l |          |         |
| Q        | 0,7     | 0,13  | µg/l | 95%      | -0,39   |
| R        | 0,70    | 0,02  | µg/l | 95%      | -0,39   |
| S        | 0,70    | 0,11  | µg/l | 95%      | -0,39   |
| T        | 0,79    | 0,13  | µg/l | 107%     | 0,48    |
| U        | 0,79    | 0,08  | µg/l | 107%     | 0,48    |
| V        | 0,78    | 0,16  | µg/l | 105%     | 0,39    |
| W        | 0,9     | 0,09  | µg/l | 122%     | 1,54    |
| X        | <1      |       | µg/l | *        |         |
| Y        |         |       | µg/l |          |         |
| Z        | 0,62    | 0,04  | µg/l | 84%      | -1,16   |
| AA       | 0,67    | 0,15  | µg/l | 91%      | -0,68   |
| AB       | 0,60    | 0,09  | µg/l | 81%      | -1,35   |
| AC       | 1,06    | 0,21  | µg/l | 143%     | 3,09    |
| AD       | 0,82    | 0,12  | µg/l | 111%     | 0,77    |
| AE       |         |       | µg/l |          |         |
| AF       | 0,84    | 0,09  | µg/l | 114%     | 0,97    |
| AG       | 0,81    | 0,24  | µg/l | 109%     | 0,68    |
| AH       | 0,74    | 0,15  | µg/l | 100%     | 0,00    |
| AI       | 0,73    | 0,066 | µg/l | 99%      | -0,10   |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 1,76 ± 2,78   | 0,76 ± 0,05    | µg/l |
| Recov. ± CI(99%)  | 237,5 ± 375,9 | 102,8 ± 7,4    | %    |
| SD between labs   | 5,08          | 0,10           | µg/l |
| RSD between labs  | 289,3         | 12,8           | %    |
| n for calculation | 26            | 25             |      |



# Sample C54A

## Parameter cis-1,2-Dichloroethene

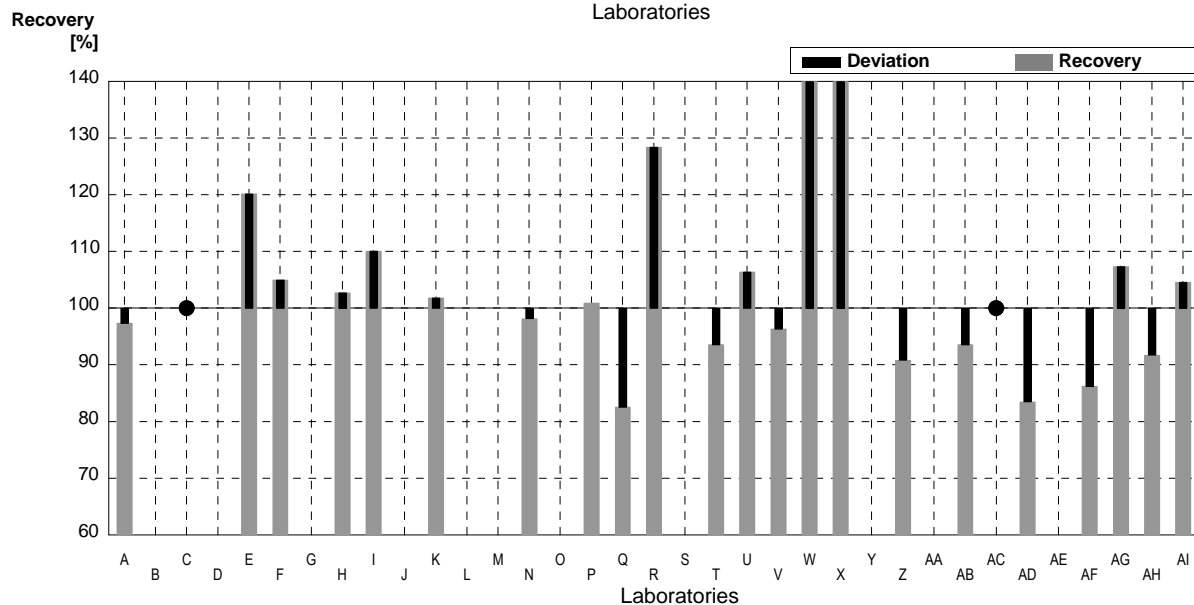
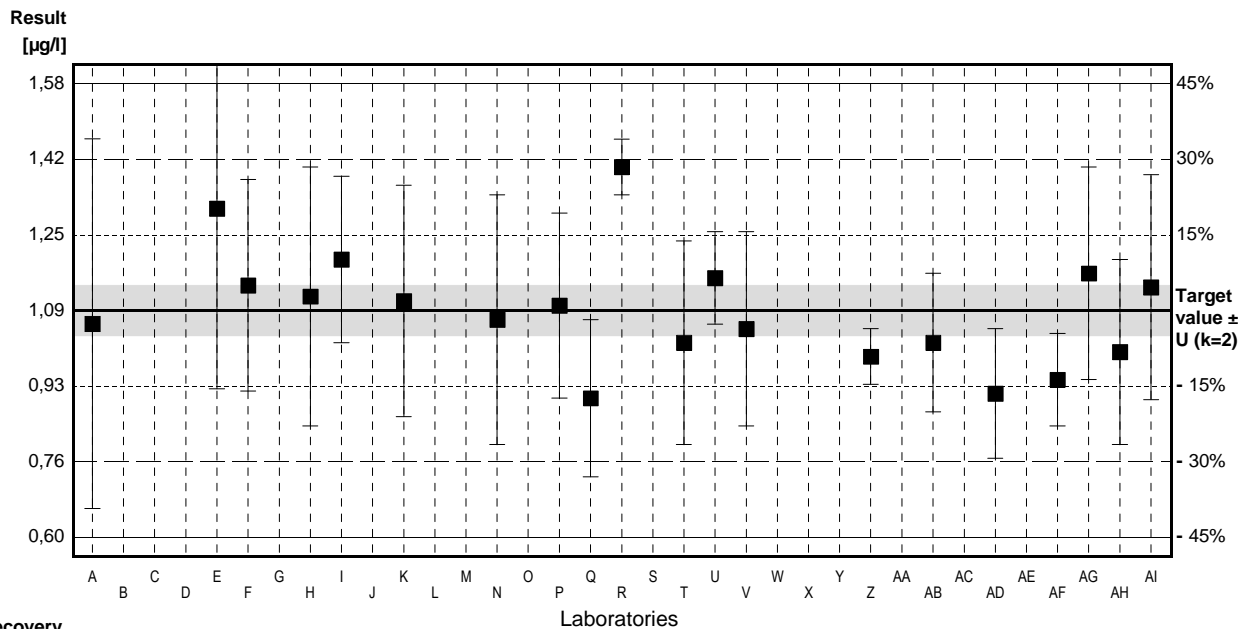
Target value ± U (k=2) 1,09 µg/l ± 0,05 µg/l

IFA result ± U (k=2) 1,06 µg/l ± 0,16 µg/l

Stability test ± U (k=2) 1,07 µg/l ± 0,16 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 1,061  | 0,400 | µg/l | 97%      | -0,18   |
| B        |        |       | µg/l |          |         |
| C        | <2     |       | µg/l | •        |         |
| D        |        |       | µg/l |          |         |
| E        | 1,31   | 0,39  | µg/l | 120%     | 1,35    |
| F        | 1,144  | 0,229 | µg/l | 105%     | 0,33    |
| G        |        |       | µg/l |          |         |
| H        | 1,12   | 0,28  | µg/l | 103%     | 0,18    |
| I        | 1,20   | 0,18  | µg/l | 110%     | 0,67    |
| J        |        |       | µg/l |          |         |
| K        | 1,11   | 0,25  | µg/l | 102%     | 0,12    |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 1,07   | 0,27  | µg/l | 98%      | -0,12   |
| O        |        |       | µg/l |          |         |
| P        | 1,1    | 0,2   | µg/l | 101%     | 0,06    |
| Q        | 0,9    | 0,17  | µg/l | 83%      | -1,16   |
| R        | 1,40   | 0,06  | µg/l | 128%     | 1,90    |
| S        |        |       | µg/l |          |         |
| T        | 1,02   | 0,22  | µg/l | 94%      | -0,43   |
| U        | 1,16   | 0,1   | µg/l | 106%     | 0,43    |
| V        | 1,05   | 0,21  | µg/l | 96%      | -0,24   |
| W        | 3,1    | *     | 0,31 | 284%     | 12,29   |
| X        | 3,21   | *     | 0,64 | 294%     | 12,97   |
| Y        |        |       | µg/l |          |         |
| Z        | 0,99   | 0,06  | µg/l | 91%      | -0,61   |
| AA       | n.a.   |       | µg/l |          |         |
| AB       | 1,02   | 0,15  | µg/l | 94%      | -0,43   |
| AC       | <15    |       | µg/l | •        |         |
| AD       | 0,91   | 0,14  | µg/l | 83%      | -1,10   |
| AE       |        |       | µg/l |          |         |
| AF       | 0,94   | 0,1   | µg/l | 86%      | -0,92   |
| AG       | 1,17   | 0,23  | µg/l | 107%     | 0,49    |
| AH       | 1,0    | 0,20  | µg/l | 92%      | -0,55   |
| AI       | 1,14   | 0,243 | µg/l | 105%     | 0,31    |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 1,28 ± 0,37  | 1,09 ± 0,08    | µg/l |
| Recov. ± CI(99%)  | 117,3 ± 34,3 | 100,1 ± 7,3    | %    |
| SD between labs   | 0,62         | 0,12           | µg/l |
| RSD between labs  | 48,4         | 11,5           | %    |
| n for calculation | 22           | 20             |      |



## Sample C54B

### Parameter cis-1,2-Dichloroethene

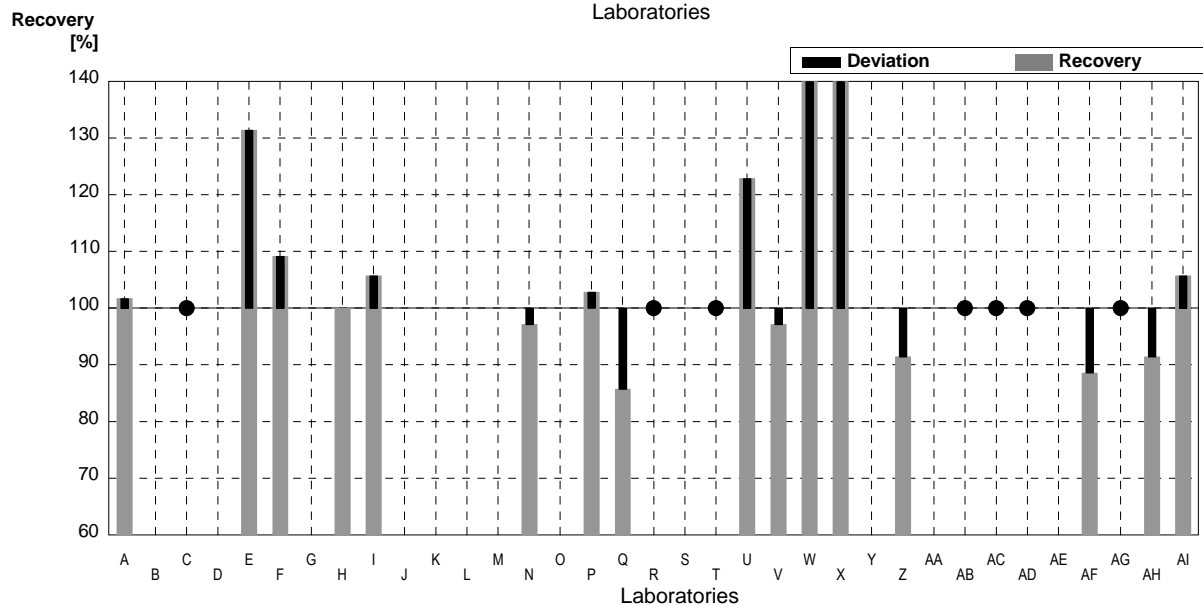
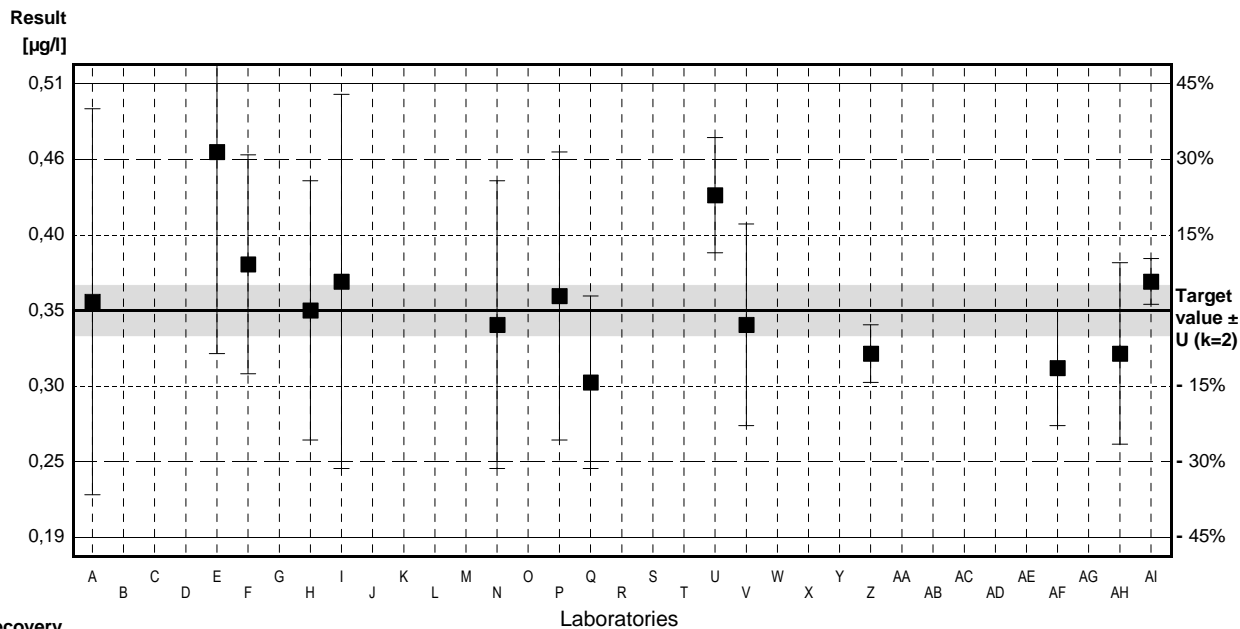
Target value ± U (k=2) 0,35 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 0,36 µg/l ± 0,05 µg/l

Stability test ± U (k=2) 0,36 µg/l ± 0,05 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,356  | 0,134 | µg/l | 102%     | 0,11    |
| B        |        |       | µg/l |          |         |
| C        | <2     |       | µg/l | •        |         |
| D        |        |       | µg/l |          |         |
| E        | 0,46   | 0,14  | µg/l | 131%     | 2,10    |
| F        | 0,382  | 0,076 | µg/l | 109%     | 0,61    |
| G        |        |       | µg/l |          |         |
| H        | 0,35   | 0,09  | µg/l | 100%     | 0,00    |
| I        | 0,37   | 0,13  | µg/l | 106%     | 0,38    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | 0,34   | 0,10  | µg/l | 97%      | -0,19   |
| O        |        |       | µg/l |          |         |
| P        | 0,36   | 0,10  | µg/l | 103%     | 0,19    |
| Q        | 0,3    | 0,06  | µg/l | 86%      | -0,95   |
| R        | <0,5   |       | µg/l | •        |         |
| S        |        |       | µg/l |          |         |
| T        | <0,5   |       | µg/l | •        |         |
| U        | 0,43   | 0,04  | µg/l | 123%     | 1,52    |
| V        | 0,34   | 0,07  | µg/l | 97%      | -0,19   |
| W        | 1,7    | *     | 0,17 | 486%     | 25,71   |
| X        | 1,84   | *     | 0,37 | 526%     | 28,38   |
| Y        |        |       | µg/l |          |         |
| Z        | 0,32   | 0,02  | µg/l | 91%      | -0,57   |
| AA       | n.a.   |       | µg/l |          |         |
| AB       | <0,5   |       | µg/l | •        |         |
| AC       | <15    |       | µg/l | •        |         |
| AD       | <0,5   |       | µg/l | •        |         |
| AE       |        |       | µg/l |          |         |
| AF       | 0,31   | 0,04  | µg/l | 89%      | -0,76   |
| AG       | <0,5   |       | µg/l | •        |         |
| AH       | 0,32   | 0,063 | µg/l | 91%      | -0,57   |
| AI       | 0,37   | 0,016 | µg/l | 106%     | 0,38    |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 0,53 ± 0,36   | 0,36 ± 0,04    | µg/l |
| Recov. ± CI(99%)  | 152,6 ± 102,2 | 102,2 ± 10,2   | %    |
| SD between labs   | 0,48          | 0,04           | µg/l |
| RSD between labs  | 90,8          | 12,4           | %    |
| n for calculation | 16            | 14             |      |



# Sample C54A

## Parameter trans-1,2-Dichloroethene

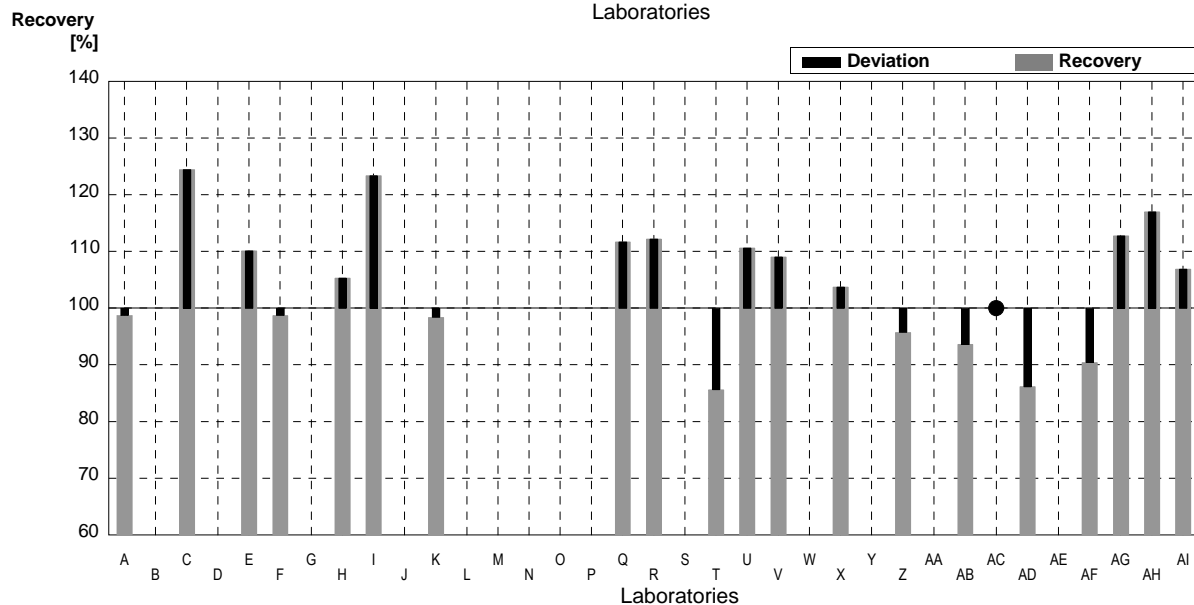
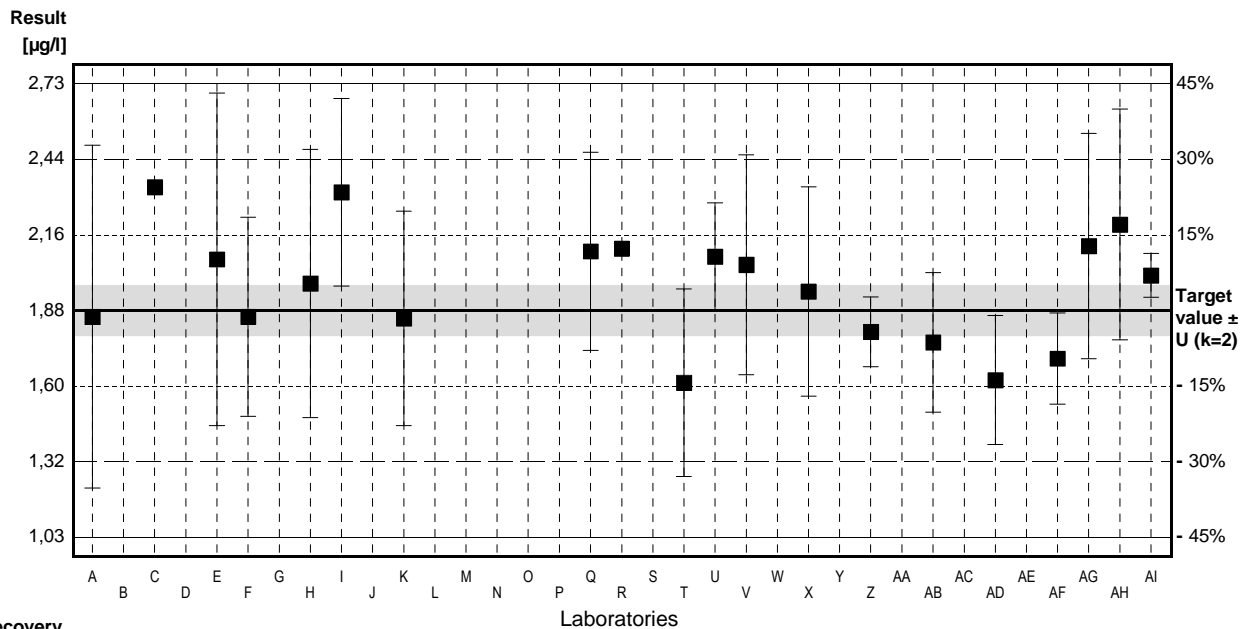
Target value ± U (k=2) 1,88 µg/l ± 0,09 µg/l

IFA result ± U (k=2) 1,86 µg/l ± 0,28 µg/l

Stability test ± U (k=2) 1,84 µg/l ± 0,28 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 1,856  | 0,639 | µg/l | 99%      | -0,10   |
| B        |        |       | µg/l |          |         |
| C        | 2,34   |       | µg/l | 124%     | 1,88    |
| D        |        |       | µg/l |          |         |
| E        | 2,07   | 0,62  | µg/l | 110%     | 0,78    |
| F        | 1,856  | 0,371 | µg/l | 99%      | -0,10   |
| G        |        |       | µg/l |          |         |
| H        | 1,98   | 0,50  | µg/l | 105%     | 0,41    |
| I        | 2,32   | 0,35  | µg/l | 123%     | 1,80    |
| J        |        |       | µg/l |          |         |
| K        | 1,85   | 0,40  | µg/l | 98%      | -0,12   |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | n.a.   |       | µg/l |          |         |
| O        |        |       | µg/l |          |         |
| P        |        |       | µg/l |          |         |
| Q        | 2,1    | 0,37  | µg/l | 112%     | 0,90    |
| R        | 2,11   | 0,02  | µg/l | 112%     | 0,94    |
| S        |        |       | µg/l |          |         |
| T        | 1,61   | 0,35  | µg/l | 86%      | -1,10   |
| U        | 2,08   | 0,2   | µg/l | 111%     | 0,82    |
| V        | 2,05   | 0,41  | µg/l | 109%     | 0,70    |
| W        |        |       | µg/l |          |         |
| X        | 1,950  | 0,39  | µg/l | 104%     | 0,29    |
| Y        |        |       | µg/l |          |         |
| Z        | 1,8    | 0,13  | µg/l | 96%      | -0,33   |
| AA       | n.a.   |       | µg/l |          |         |
| AB       | 1,76   | 0,26  | µg/l | 94%      | -0,49   |
| AC       | <10    |       | µg/l | •        |         |
| AD       | 1,62   | 0,24  | µg/l | 86%      | -1,06   |
| AE       |        |       | µg/l |          |         |
| AF       | 1,70   | 0,170 | µg/l | 90%      | -0,74   |
| AG       | 2,12   | 0,42  | µg/l | 113%     | 0,98    |
| AH       | 2,2    | 0,43  | µg/l | 117%     | 1,31    |
| AI       | 2,01   | 0,082 | µg/l | 107%     | 0,53    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,97 ± 0,13 | 1,97 ± 0,13    | µg/l |
| Recov. ± CI(99%)  | 104,7 ± 7,2 | 104,7 ± 7,2    | %    |
| SD between labs   | 0,21        | 0,21           | µg/l |
| RSD between labs  | 10,7        | 10,7           | %    |
| n for calculation | 20          | 20             |      |





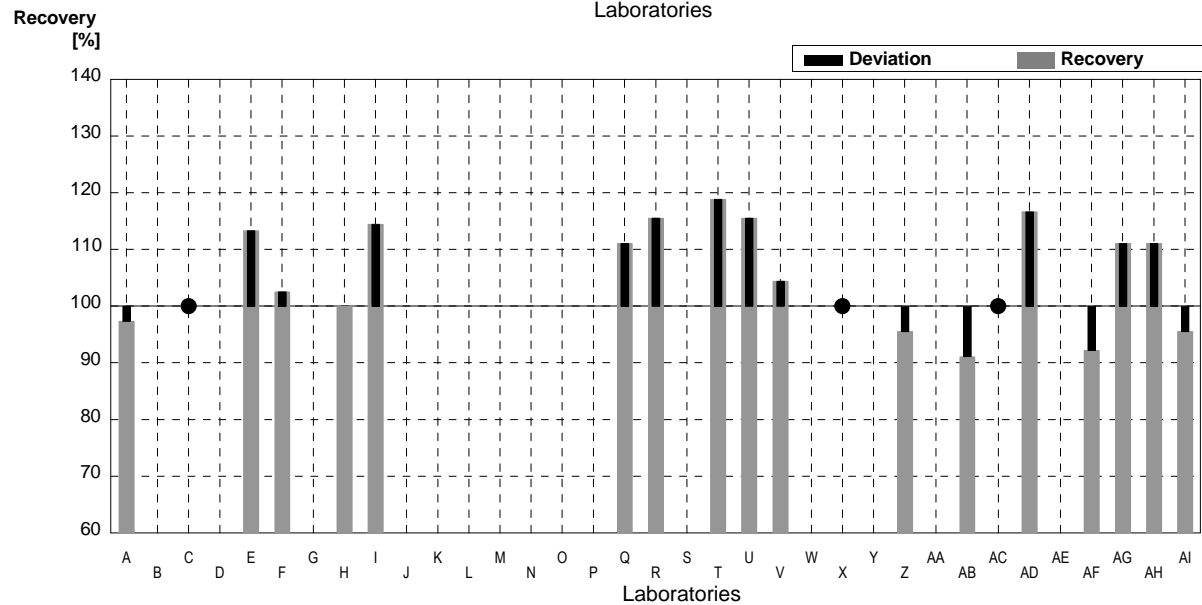
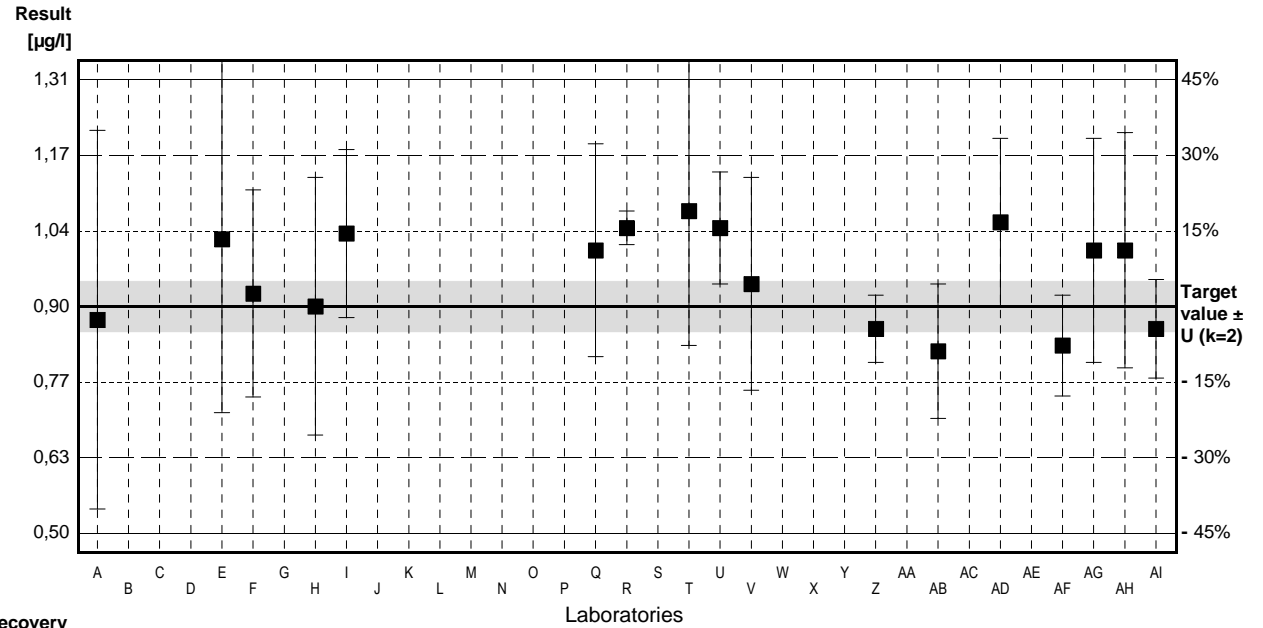
# Sample C54B

## Parameter trans-1,2-Dichloroethene

Target value ± U (k=2) 0,90 µg/l ± 0,05 µg/l  
 IFA result ± U (k=2) 0,92 µg/l ± 0,14 µg/l  
 Stability test ± U (k=2) 0,92 µg/l ± 0,14 µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0,876  | 0,338 | µg/l | 97%      | -0,21   |
| B        |        |       | µg/l |          |         |
| C        | <2     |       | µg/l | •        |         |
| D        |        |       | µg/l |          |         |
| E        | 1,02   | 0,31  | µg/l | 113%     | 1,03    |
| F        | 0,923  | 0,185 | µg/l | 103%     | 0,20    |
| G        |        |       | µg/l |          |         |
| H        | 0,90   | 0,23  | µg/l | 100%     | 0,00    |
| I        | 1,03   | 0,15  | µg/l | 114%     | 1,11    |
| J        |        |       | µg/l |          |         |
| K        |        |       | µg/l |          |         |
| L        |        |       | µg/l |          |         |
| M        |        |       | µg/l |          |         |
| N        | n.a.   |       | µg/l |          |         |
| O        |        |       | µg/l |          |         |
| P        |        |       | µg/l |          |         |
| Q        | 1,0    | 0,19  | µg/l | 111%     | 0,85    |
| R        | 1,04   | 0,03  | µg/l | 116%     | 1,20    |
| S        |        |       | µg/l |          |         |
| T        | 1,07   | 0,24  | µg/l | 119%     | 1,45    |
| U        | 1,04   | 0,1   | µg/l | 116%     | 1,20    |
| V        | 0,94   | 0,19  | µg/l | 104%     | 0,34    |
| W        |        |       | µg/l |          |         |
| X        | <1     |       | µg/l | •        |         |
| Y        |        |       | µg/l |          |         |
| Z        | 0,86   | 0,06  | µg/l | 96%      | -0,34   |
| AA       | n.a.   |       | µg/l |          |         |
| AB       | 0,82   | 0,12  | µg/l | 91%      | -0,68   |
| AC       | <10    |       | µg/l | •        |         |
| AD       | 1,05   | 0,15  | µg/l | 117%     | 1,28    |
| AE       |        |       | µg/l |          |         |
| AF       | 0,83   | 0,09  | µg/l | 92%      | -0,60   |
| AG       | 1,00   | 0,20  | µg/l | 111%     | 0,85    |
| AH       | 1,0    | 0,21  | µg/l | 111%     | 0,85    |
| AI       | 0,86   | 0,088 | µg/l | 96%      | -0,34   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 0,96 ± 0,06 | 0,96 ± 0,06    | µg/l |
| Recov. ± CI(99%)  | 106,3 ± 6,7 | 106,3 ± 6,7    | %    |
| SD between labs   | 0,08        | 0,08           | µg/l |
| RSD between labs  | 8,9         | 8,9            | %    |
| n for calculation | 17          | 17             |      |





# Illustration of Results Laboratory Oriented Part

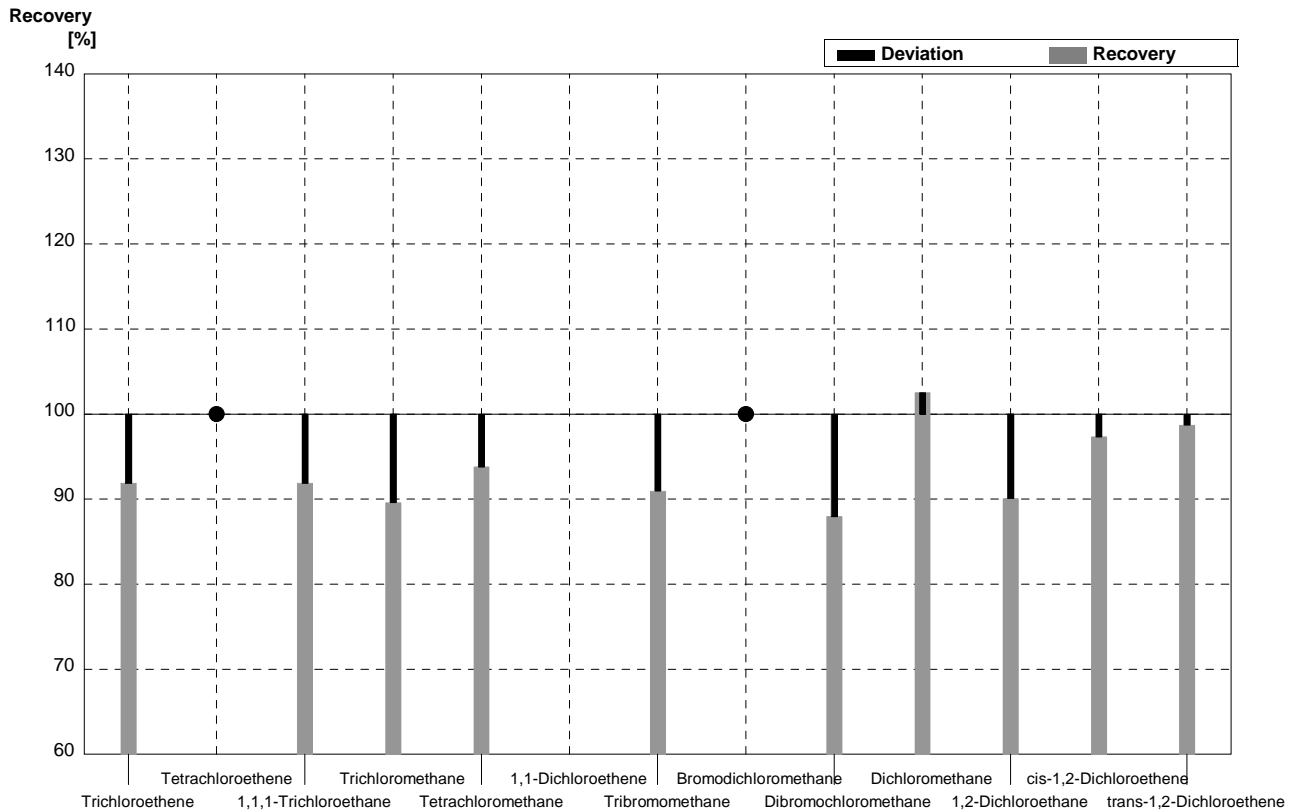
Round C54  
Volatile Halogenated Hydrocarbons

Sample Dispatch: 4 May 2015



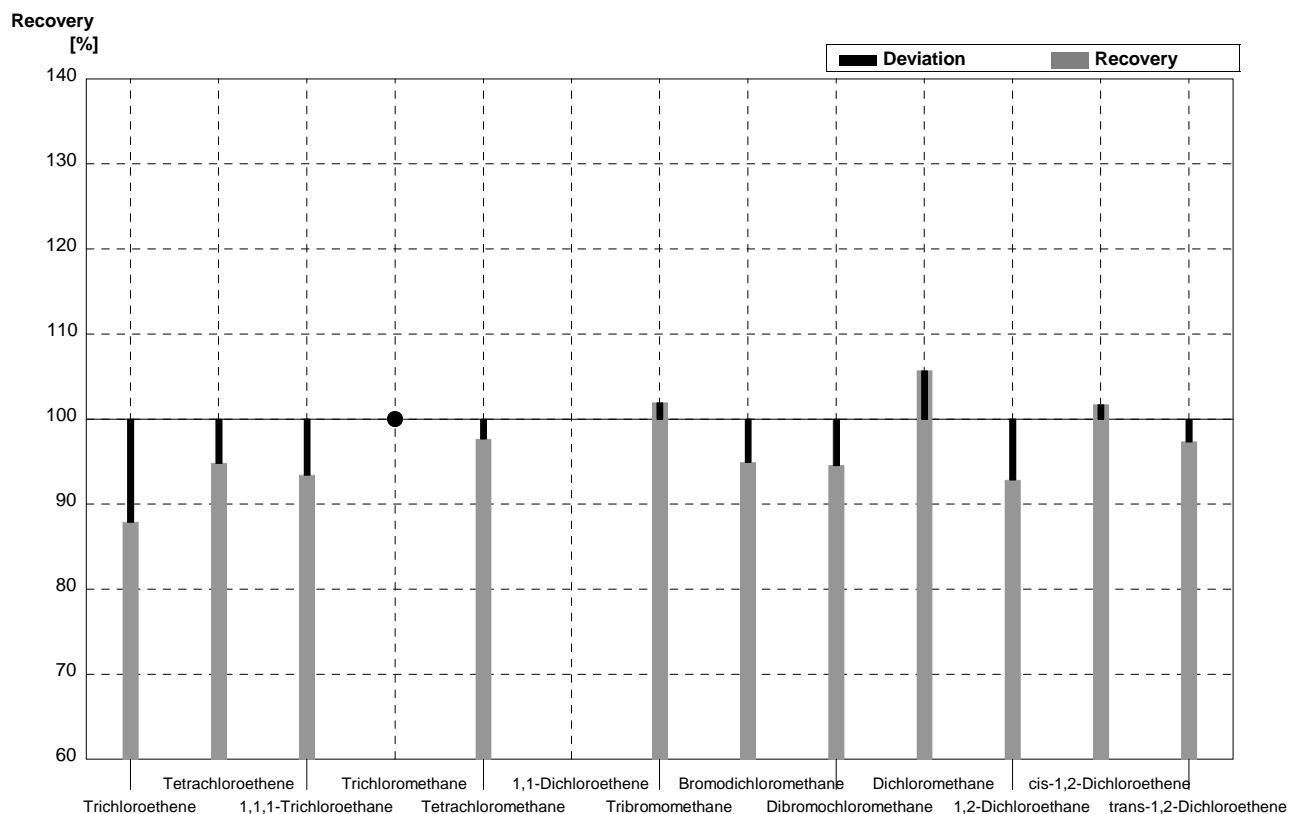
**Sample C54A**  
**Laboratory A**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,663  | 0,089 | µg/l | 92%      |
| Tetrachloroethene        | <0,06        |           | <0,250 | 0,069 | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,588  | 0,199 | µg/l | 92%      |
| Trichloromethane         | 0,76         | 0,04      | 0,681  | 0,083 | µg/l | 90%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,726  | 0,126 | µg/l | 94%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      |        |       | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 1,137  | 0,433 | µg/l | 91%      |
| Bromodichloromethane     | <0,06        |           | <0,250 | 0,196 | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,431  | 0,048 | µg/l | 88%      |
| Dichloromethane          | 1,42         | 0,07      | 1,456  | 0,571 | µg/l | 103%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,883  | 0,707 | µg/l | 90%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,061  | 0,400 | µg/l | 97%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,856  | 0,639 | µg/l | 99%      |



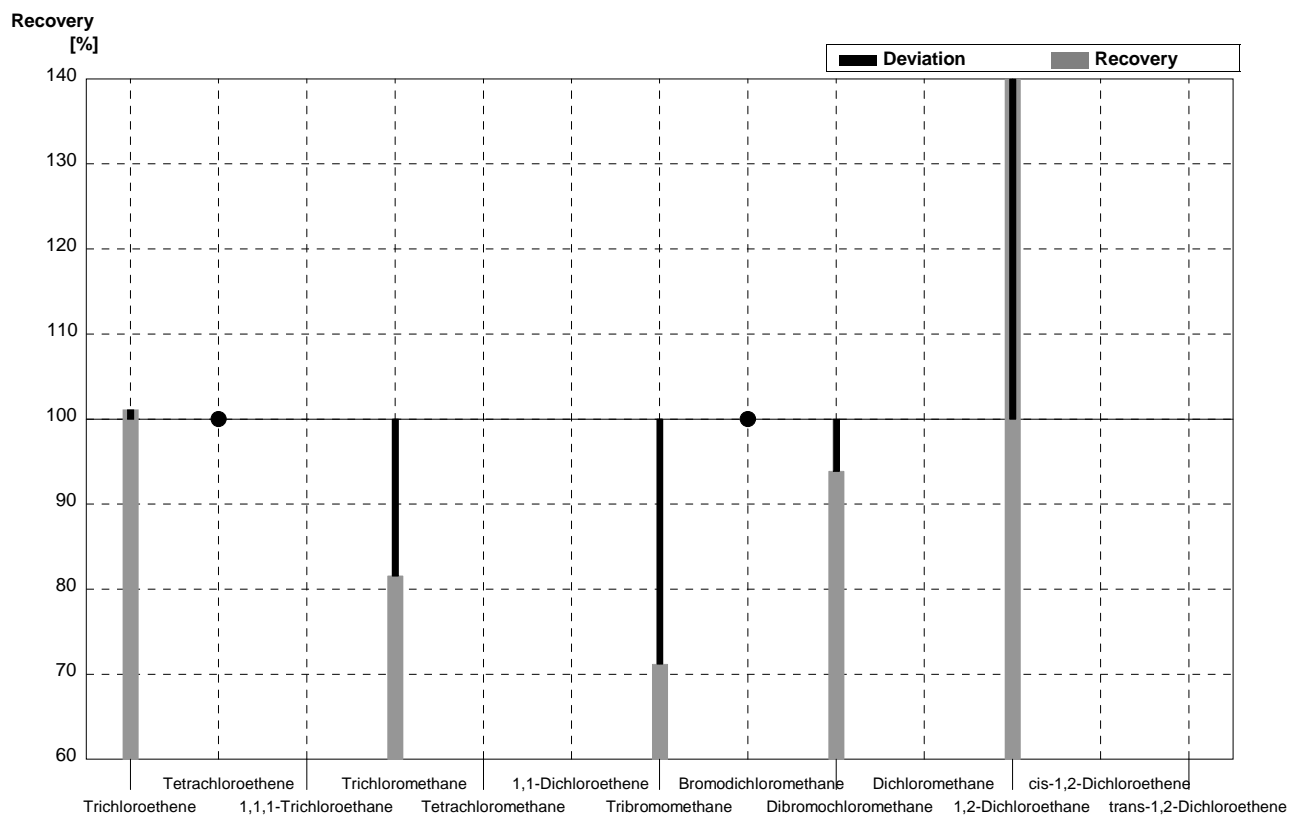
**Sample C54B**  
**Laboratory A**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,167  | 0,009 | µg/l | 88%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,261  | 0,284 | µg/l | 95%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,383  | 0,130 | µg/l | 93%      |
| Trichloromethane         | <0,14        |           | <0,250 | 0,121 | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,293  | 0,022 | µg/l | 98%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |       | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | 0,367  | 0,030 | µg/l | 102%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,503  | 0,098 | µg/l | 95%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,137  | 0,412 | µg/l | 95%      |
| Dichloromethane          | 4,33         | 0,22      | 4,577  | 1,906 | µg/l | 106%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,687  | 0,258 | µg/l | 93%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,356  | 0,134 | µg/l | 102%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,876  | 0,338 | µg/l | 97%      |



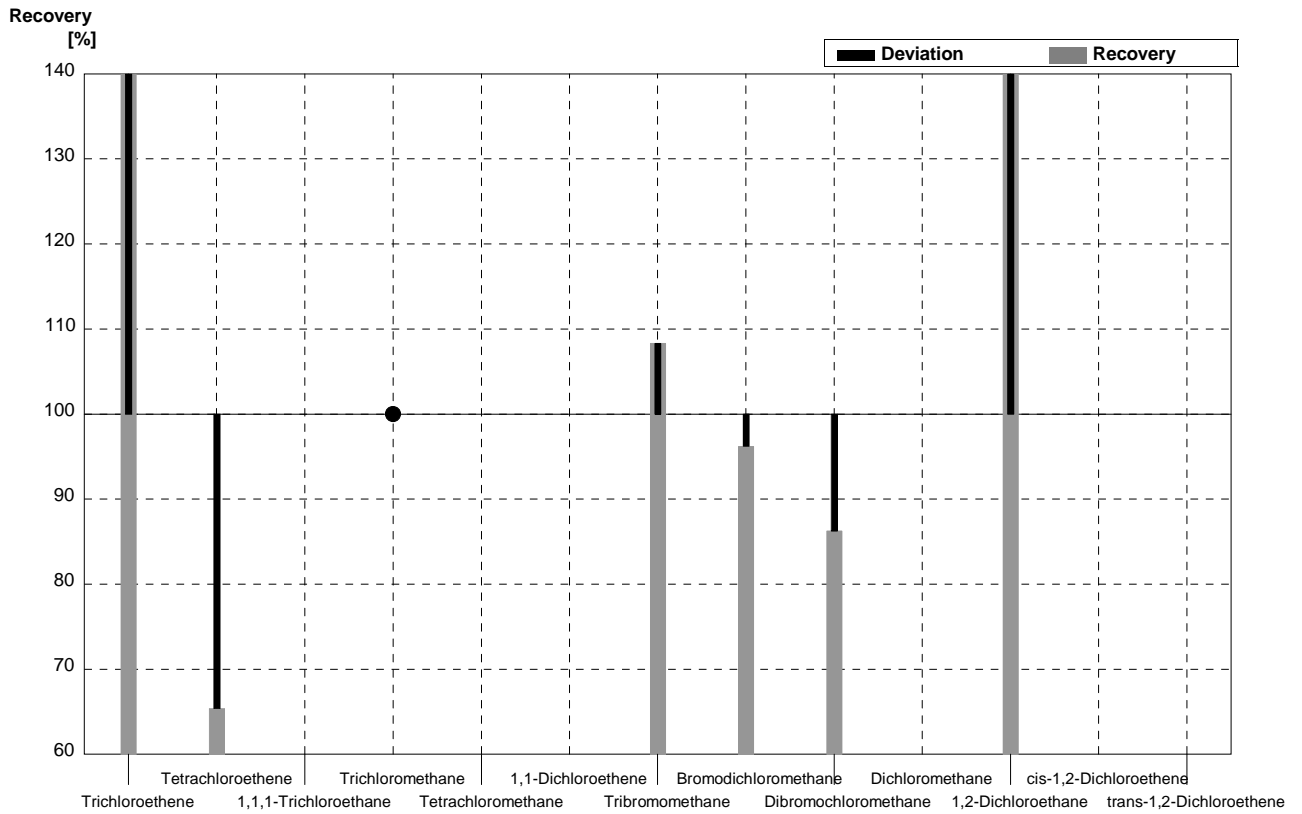
**Sample C54A**  
**Laboratory B**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,83   | 0,41 | µg/l | 101%     |
| Tetrachloroethene        | <0,06        |           | <0,2   | 0,05 | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      |        |      | µg/l |          |
| Trichloromethane         | 0,76         | 0,04      | 0,62   | 0,15 | µg/l | 82%      |
| Tetrachloromethane       | 1,84         | 0,09      |        |      | µg/l |          |
| 1,1-Dichloroethene       | 0,46         | 0,02      |        |      | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 0,89   | 0,13 | µg/l | 71%      |
| Bromodichloromethane     | <0,06        |           | <0,2   | 0,03 | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,46   | 0,05 | µg/l | 94%      |
| Dichloromethane          | 1,42         | 0,07      |        |      | µg/l |          |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 47,57  | 8,0  | µg/l | 2276%    |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      |        |      | µg/l |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |      | µg/l |          |



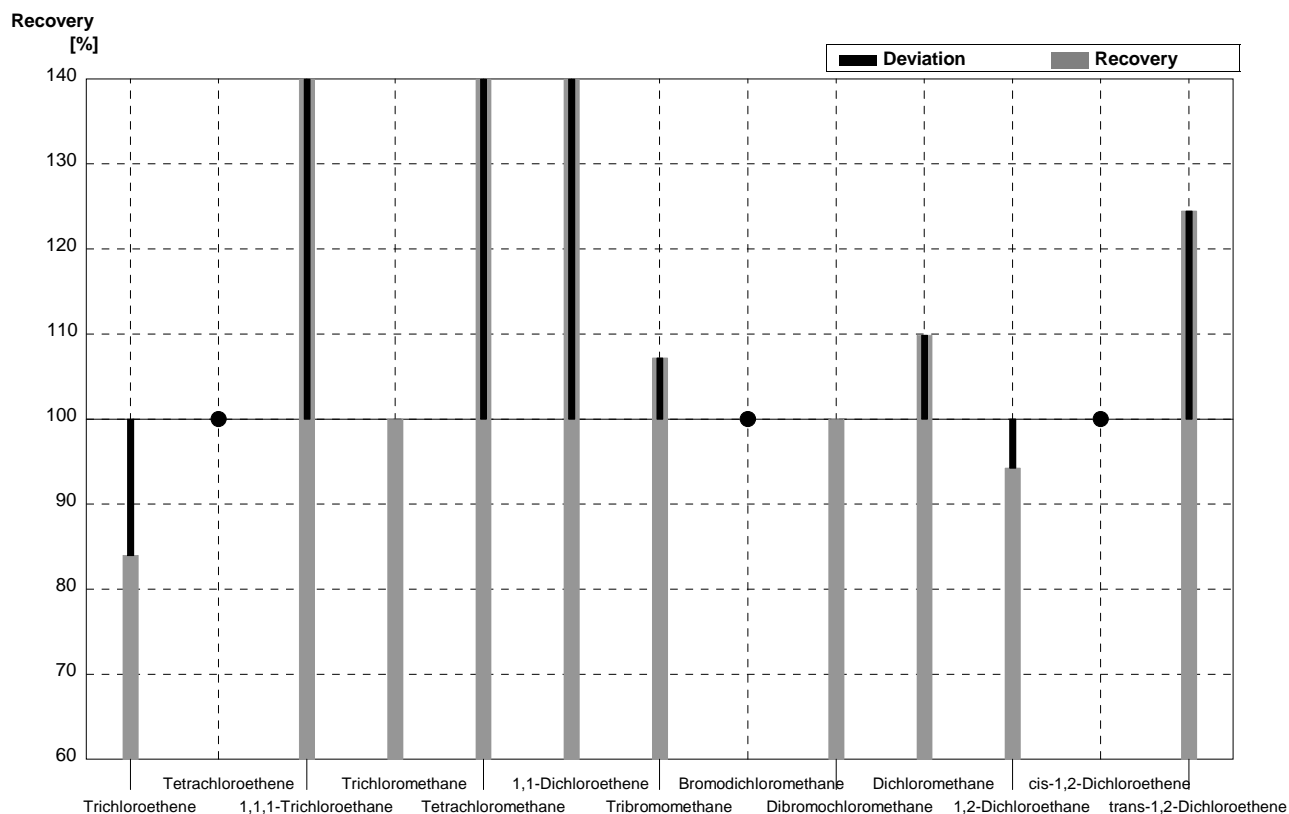
**Sample C54B**  
**Laboratory B**

| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 0,19         | 0,01          | 0,27   | 0,06  | $\mu\text{g/l}$ | 142%     |
| Tetrachloroethene        | 1,33         | 0,07          | 0,87   | 0,20  | $\mu\text{g/l}$ | 65%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| Trichloromethane         | <0,14        |               | <0,2   | 0,05  | $\mu\text{g/l}$ | •        |
| Tetrachloromethane       | 0,30         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| 1,1-Dichloroethene       | 1,73         | 0,09          |        |       | $\mu\text{g/l}$ |          |
| Tribromomethane          | 0,36         | 0,02          | 0,39   | 0,06  | $\mu\text{g/l}$ | 108%     |
| Bromodichloromethane     | 0,53         | 0,03          | 0,51   | 0,09  | $\mu\text{g/l}$ | 96%      |
| Dibromochloromethane     | 2,26         | 0,11          | 1,95   | 0,21  | $\mu\text{g/l}$ | 86%      |
| Dichloromethane          | 4,33         | 0,22          |        |       | $\mu\text{g/l}$ |          |
| 1,2-Dichloroethane       | 0,74         | 0,04          | 26,68  | 4,5   | $\mu\text{g/l}$ | 3605%    |
| cis-1,2-Dichloroethene   | 0,35         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05          |        |       | $\mu\text{g/l}$ |          |



**Sample C54A**  
**Laboratory C**

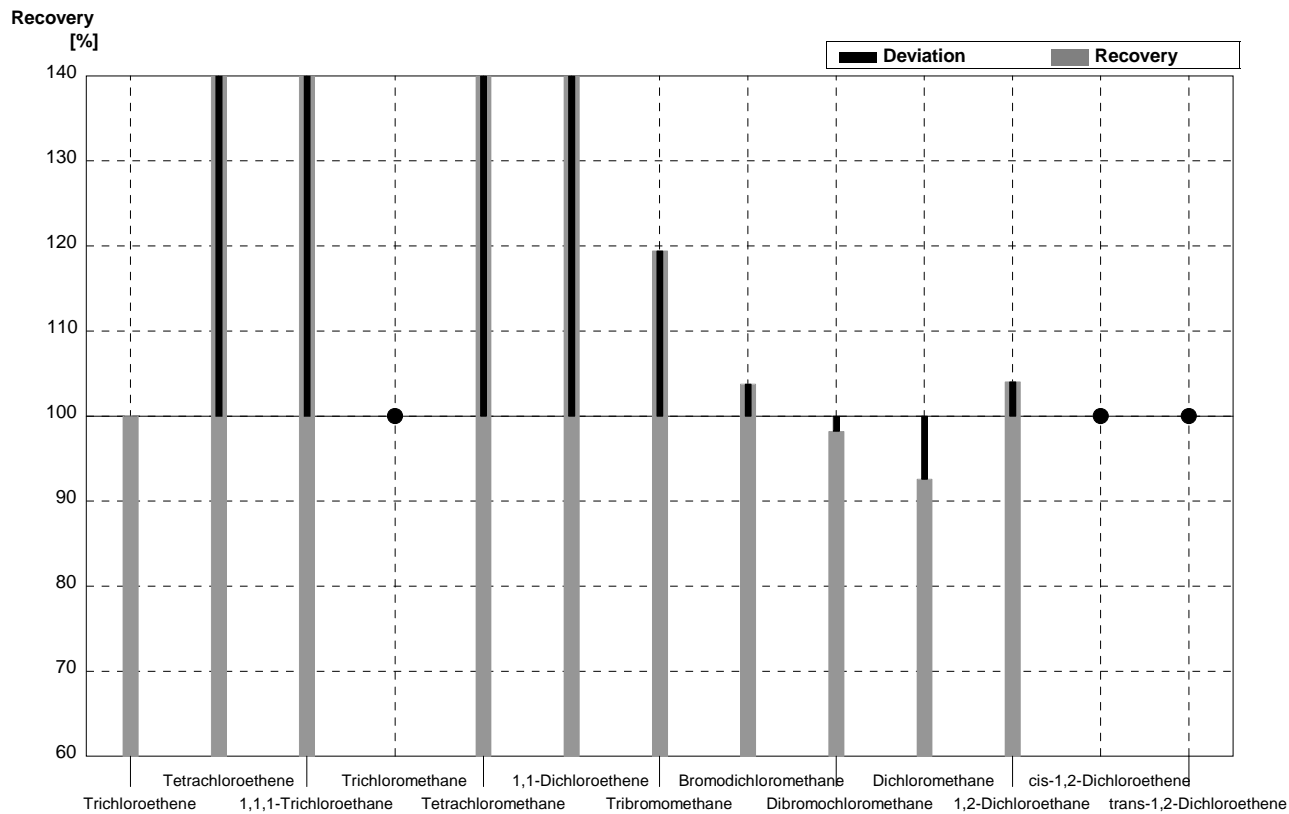
| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,52   | 0,170 | µg/l | 84%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |       | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,97   | 0,190 | µg/l | 152%     |
| Trichloromethane         | 0,76         | 0,04      | 0,76   | 0,210 | µg/l | 100%     |
| Tetrachloromethane       | 1,84         | 0,09      | 2,72   | 0,555 | µg/l | 148%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,77   | 0,667 | µg/l | 167%     |
| Tribromomethane          | 1,25         | 0,06      | 1,34   | 0,211 | µg/l | 107%     |
| Bromodichloromethane     | <0,06        |           | <0,05  |       | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,49   | 0,054 | µg/l | 100%     |
| Dichloromethane          | 1,42         | 0,07      | 1,56   | 0,363 | µg/l | 110%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,97   | 0,847 | µg/l | 94%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | <2     |       | µg/l | •        |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,34   |       | µg/l | 124%     |





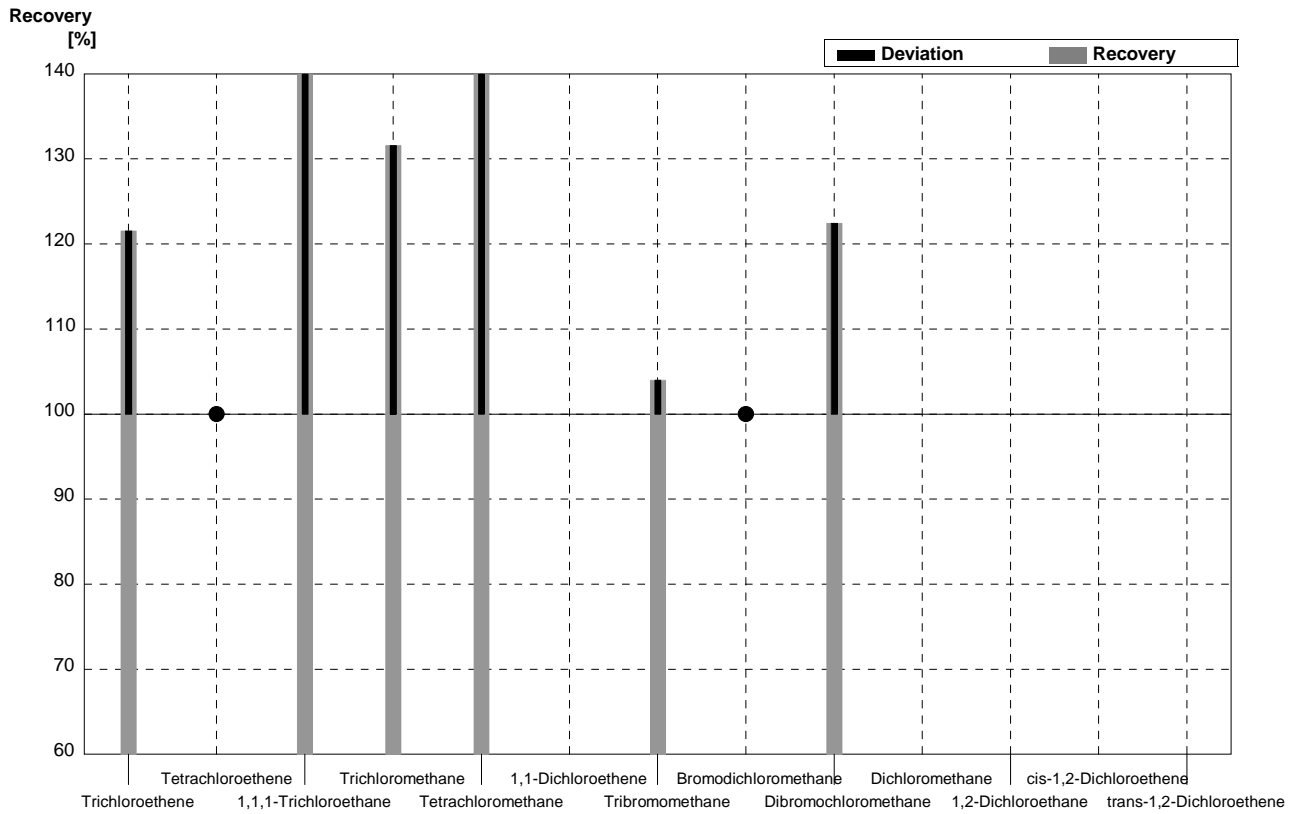
**Sample C54B**  
**Laboratory C**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,19   | 0,021 | µg/l | 100%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,94   | 0,148 | µg/l | 146%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,65   | 0,128 | µg/l | 159%     |
| Trichloromethane         | <0,14        |           | <0,05  |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,45   | 0,092 | µg/l | 150%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,48   | 0,667 | µg/l | 143%     |
| Tribromomethane          | 0,36         | 0,02      | 0,43   | 0,068 | µg/l | 119%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,55   | 0,087 | µg/l | 104%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,22   | 0,249 | µg/l | 98%      |
| Dichloromethane          | 4,33         | 0,22      | 4,01   | 0,929 | µg/l | 93%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,77   | 0,331 | µg/l | 104%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <2     |       | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | <2     |       | µg/l | •        |



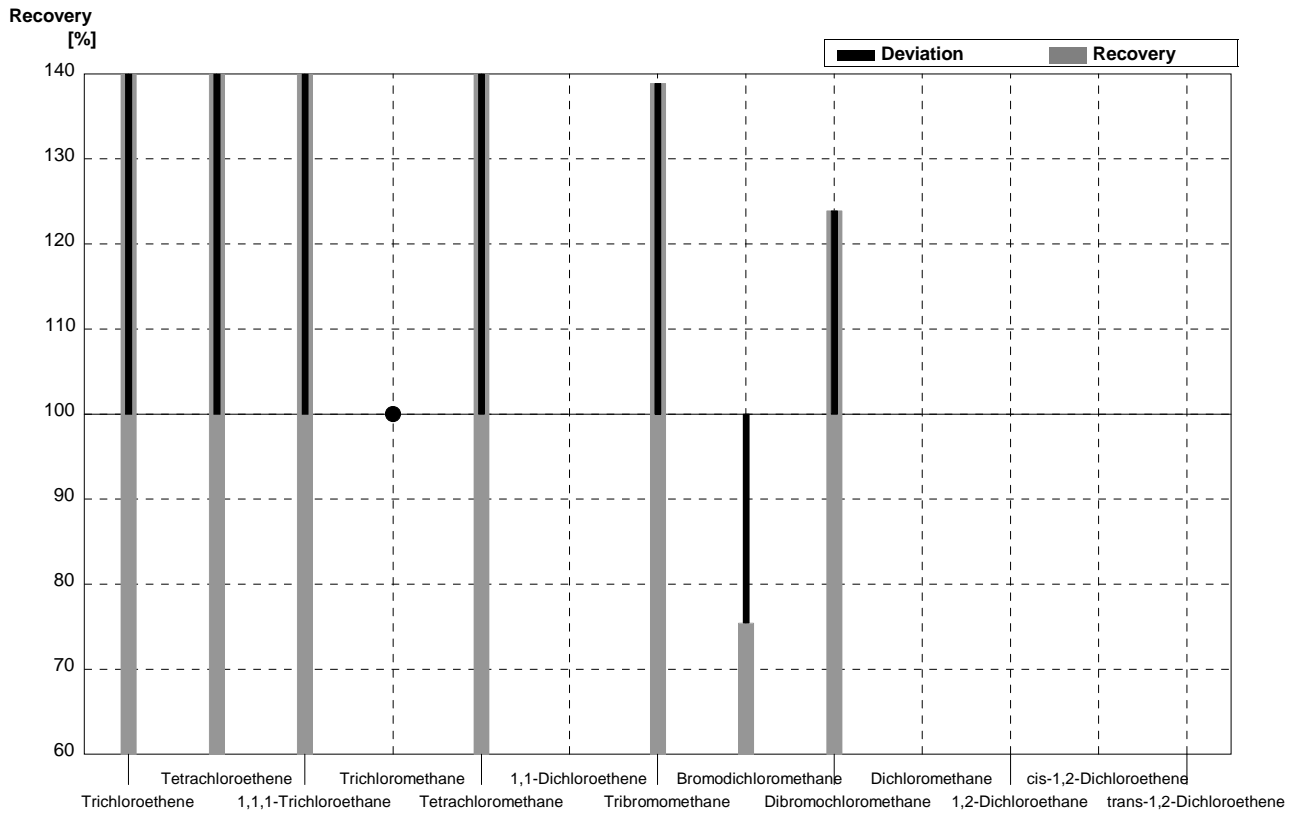
**Sample C54A**  
**Laboratory D**

| Parameter                | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|--------------------------|--------------|-----------|--------|---|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 2,2    |   | µg/l | 122%     |
| Tetrachloroethene        | <0,06        |           | <0,1   |   | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 1,0    |   | µg/l | 156%     |
| Trichloromethane         | 0,76         | 0,04      | 1,0    |   | µg/l | 132%     |
| Tetrachloromethane       | 1,84         | 0,09      | 2,8    |   | µg/l | 152%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      |        |   | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 1,3    |   | µg/l | 104%     |
| Bromodichloromethane     | <0,06        |           | <0,1   |   | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,6    |   | µg/l | 122%     |
| Dichloromethane          | 1,42         | 0,07      |        |   | µg/l |          |
| 1,2-Dichloroethane       | 2,09         | 0,10      |        |   | µg/l |          |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      |        |   | µg/l |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |   | µg/l |          |



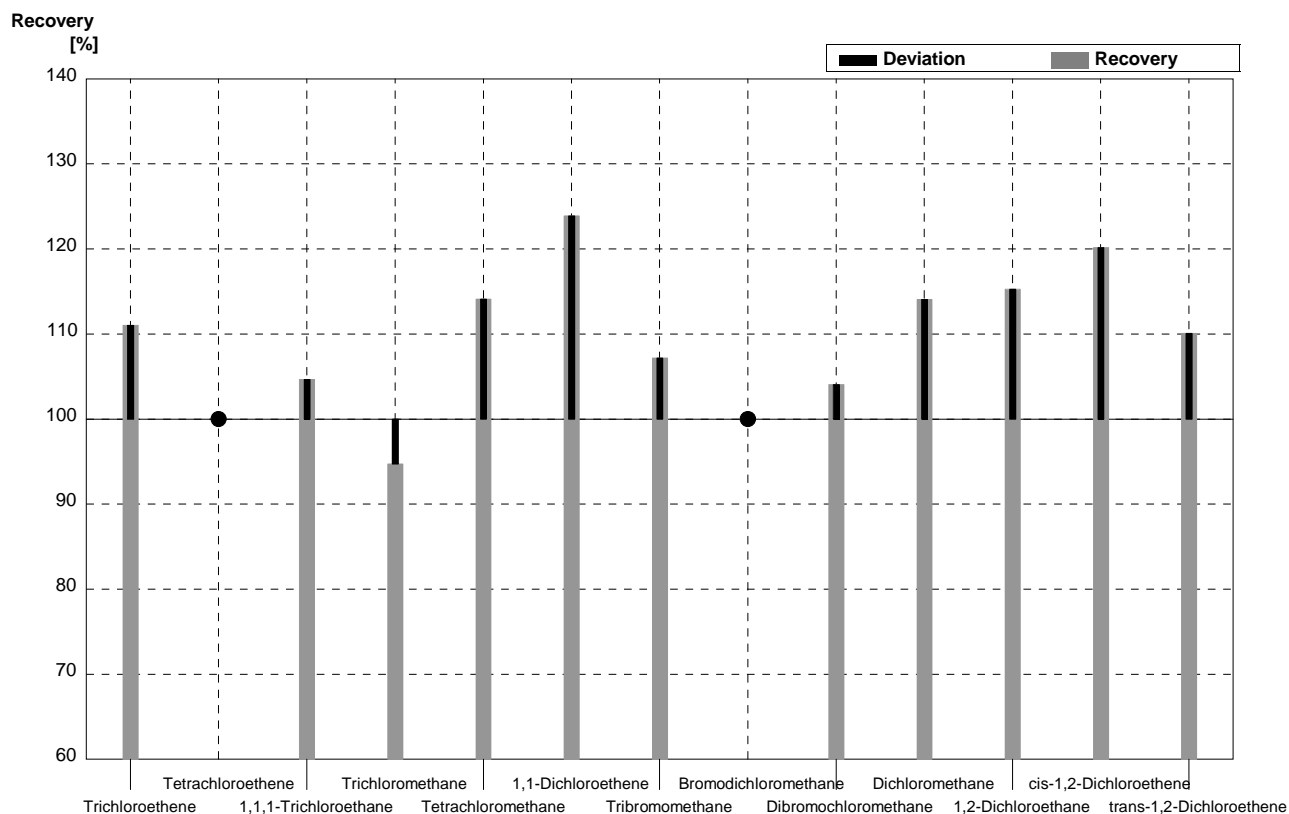
**Sample C54B**  
**Laboratory D**

| Parameter                | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|--------------------------|--------------|-----------|--------|---|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,3    |   | µg/l | 158%     |
| Tetrachloroethene        | 1,33         | 0,07      | 2,1    |   | µg/l | 158%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,6    |   | µg/l | 146%     |
| Trichloromethane         | <0,14        |           | <0,5   |   | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,8    |   | µg/l | 267%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |   | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | 0,5    |   | µg/l | 139%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,4    |   | µg/l | 75%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,8    |   | µg/l | 124%     |
| Dichloromethane          | 4,33         | 0,22      |        |   | µg/l |          |
| 1,2-Dichloroethane       | 0,74         | 0,04      |        |   | µg/l |          |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |   | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |   | µg/l |          |



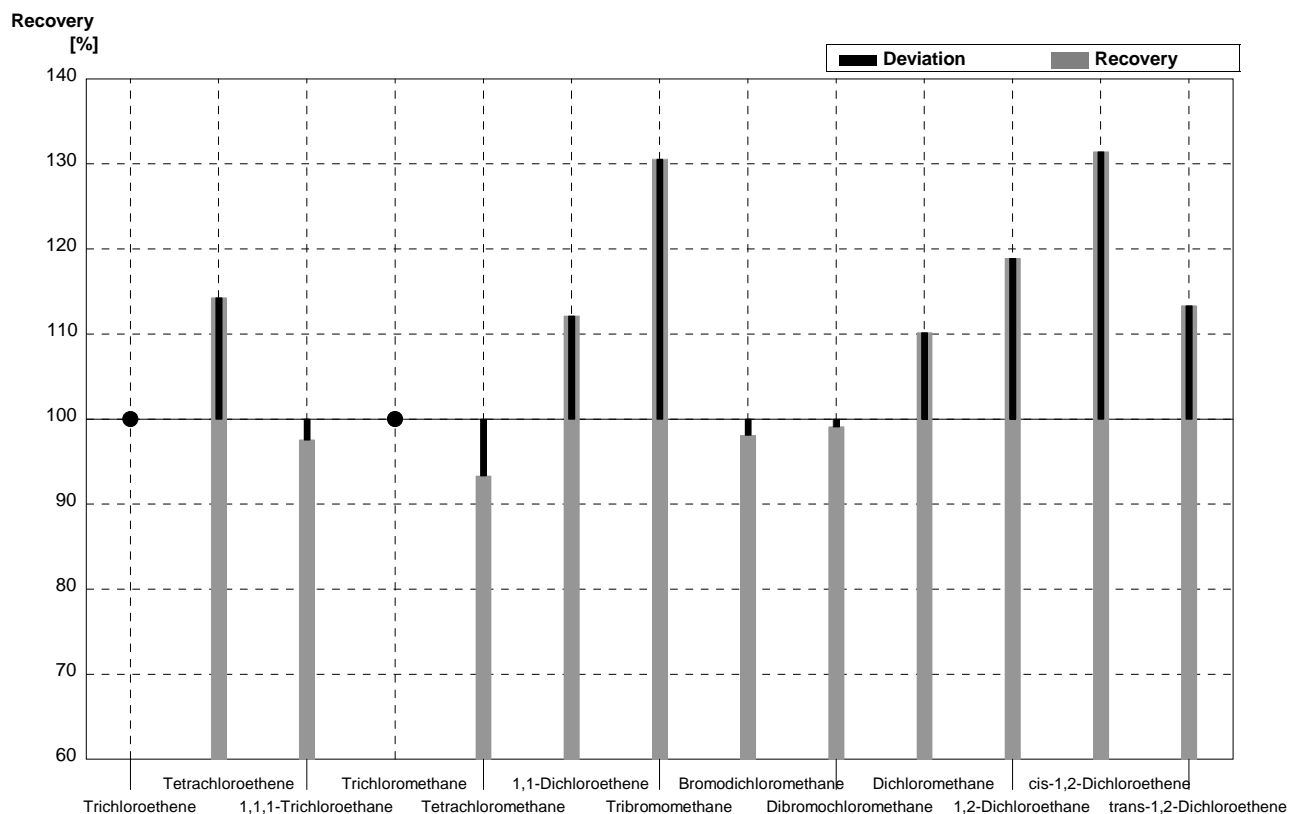
**Sample C54A**  
**Laboratory E**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 2,01   | 0,60 | µg/l | 111%     |
| Tetrachloroethene        | <0,06        |           | <0,2   | 0,06 | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,67   | 0,20 | µg/l | 105%     |
| Trichloromethane         | 0,76         | 0,04      | 0,72   | 0,22 | µg/l | 95%      |
| Tetrachloromethane       | 1,84         | 0,09      | 2,10   | 0,63 | µg/l | 114%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,57   | 0,17 | µg/l | 124%     |
| Tribromomethane          | 1,25         | 0,06      | 1,34   | 0,40 | µg/l | 107%     |
| Bromodichloromethane     | <0,06        |           | <0,2   | 0,06 | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,51   | 0,15 | µg/l | 104%     |
| Dichloromethane          | 1,42         | 0,07      | 1,62   | 0,49 | µg/l | 114%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,41   | 0,72 | µg/l | 115%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,31   | 0,39 | µg/l | 120%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,07   | 0,62 | µg/l | 110%     |



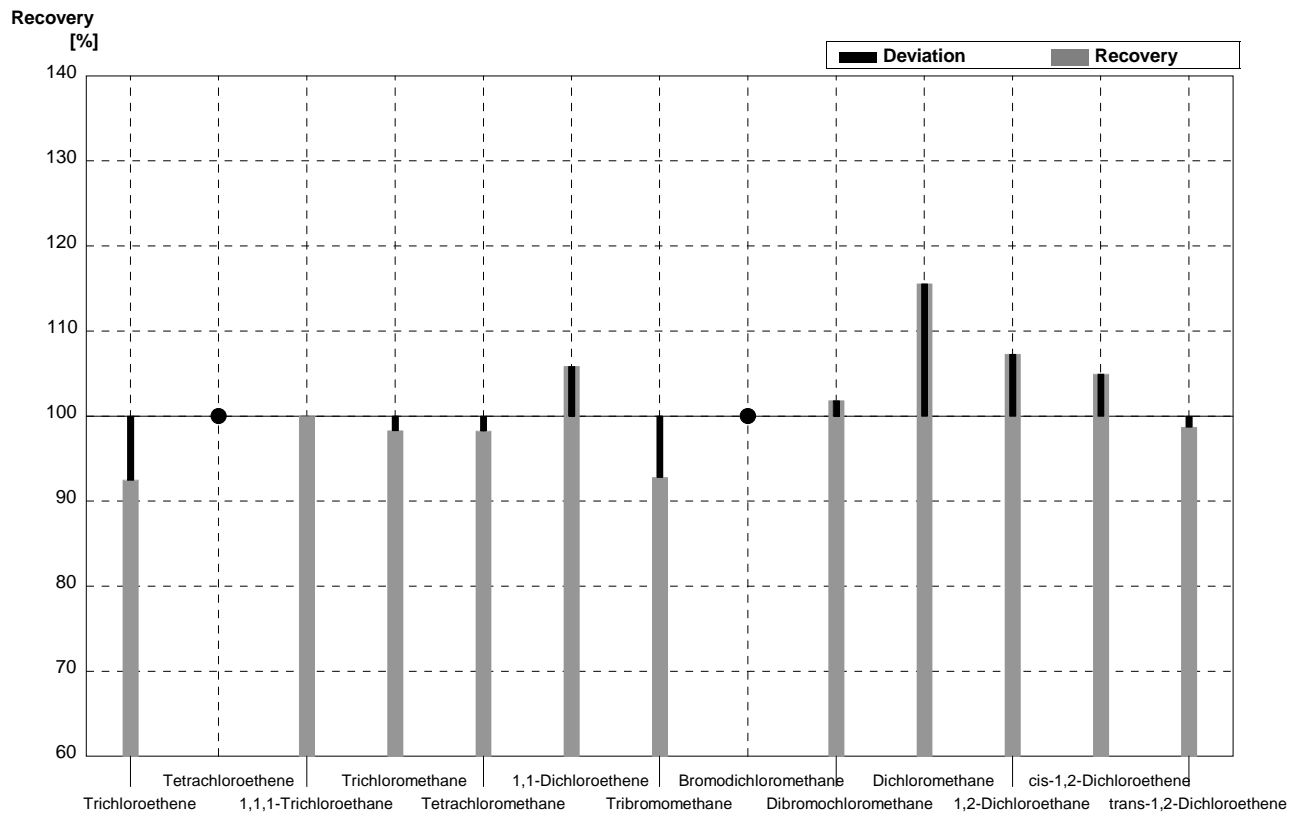
**Sample C54B**  
**Laboratory E**

| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 0,19         | 0,01          | <0,5   | 0,15  | $\mu\text{g/l}$ | •        |
| Tetrachloroethene        | 1,33         | 0,07          | 1,52   | 0,46  | $\mu\text{g/l}$ | 114%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02          | 0,40   | 0,12  | $\mu\text{g/l}$ | 98%      |
| Trichloromethane         | <0,14        |               | <0,2   | 0,06  | $\mu\text{g/l}$ | •        |
| Tetrachloromethane       | 0,30         | 0,02          | 0,28   | 0,08  | $\mu\text{g/l}$ | 93%      |
| 1,1-Dichloroethene       | 1,73         | 0,09          | 1,94   | 0,58  | $\mu\text{g/l}$ | 112%     |
| Tribromomethane          | 0,36         | 0,02          | 0,47   | 0,14  | $\mu\text{g/l}$ | 131%     |
| Bromodichloromethane     | 0,53         | 0,03          | 0,52   | 0,16  | $\mu\text{g/l}$ | 98%      |
| Dibromochloromethane     | 2,26         | 0,11          | 2,24   | 0,67  | $\mu\text{g/l}$ | 99%      |
| Dichloromethane          | 4,33         | 0,22          | 4,77   | 1,43  | $\mu\text{g/l}$ | 110%     |
| 1,2-Dichloroethene       | 0,74         | 0,04          | 0,88   | 0,26  | $\mu\text{g/l}$ | 119%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02          | 0,46   | 0,14  | $\mu\text{g/l}$ | 131%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05          | 1,02   | 0,31  | $\mu\text{g/l}$ | 113%     |



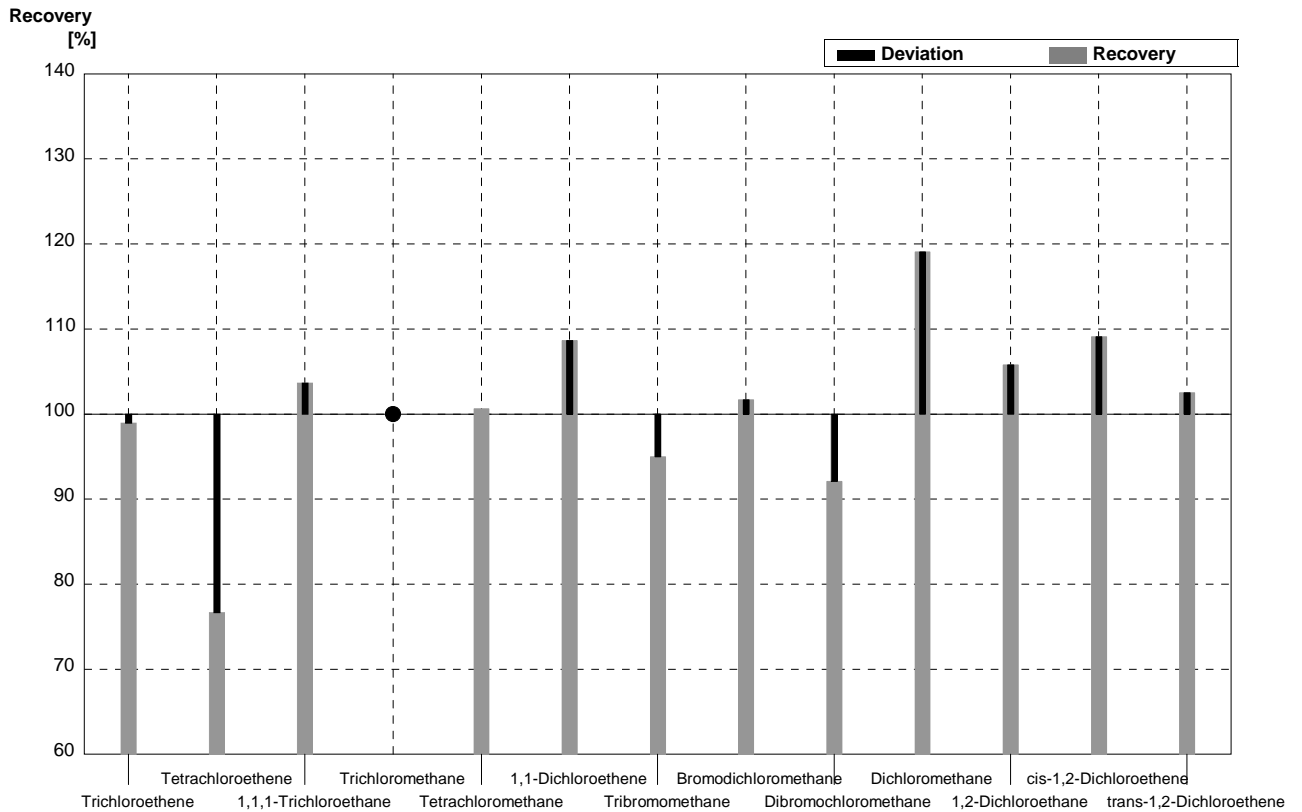
**Sample C54A**  
**Laboratory F**

| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 1,81         | 0,09          | 1,674  | 0,335 | $\mu\text{g/l}$ | 92%      |
| Tetrachloroethene        | <0,06        |               | <0,020 |       | $\mu\text{g/l}$ | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03          | 0,640  | 0,128 | $\mu\text{g/l}$ | 100%     |
| Trichloromethane         | 0,76         | 0,04          | 0,747  | 0,149 | $\mu\text{g/l}$ | 98%      |
| Tetrachloromethane       | 1,84         | 0,09          | 1,808  | 0,362 | $\mu\text{g/l}$ | 98%      |
| 1,1-Dichloroethene       | 0,46         | 0,02          | 0,487  | 0,097 | $\mu\text{g/l}$ | 106%     |
| Tribromomethane          | 1,25         | 0,06          | 1,160  | 0,232 | $\mu\text{g/l}$ | 93%      |
| Bromodichloromethane     | <0,06        |               | <0,020 |       | $\mu\text{g/l}$ | •        |
| Dibromochloromethane     | 0,49         | 0,02          | 0,499  | 0,100 | $\mu\text{g/l}$ | 102%     |
| Dichloromethane          | 1,42         | 0,07          | 1,641  | 0,328 | $\mu\text{g/l}$ | 116%     |
| 1,2-Dichloroethane       | 2,09         | 0,10          | 2,242  | 0,448 | $\mu\text{g/l}$ | 107%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05          | 1,144  | 0,229 | $\mu\text{g/l}$ | 105%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09          | 1,856  | 0,371 | $\mu\text{g/l}$ | 99%      |



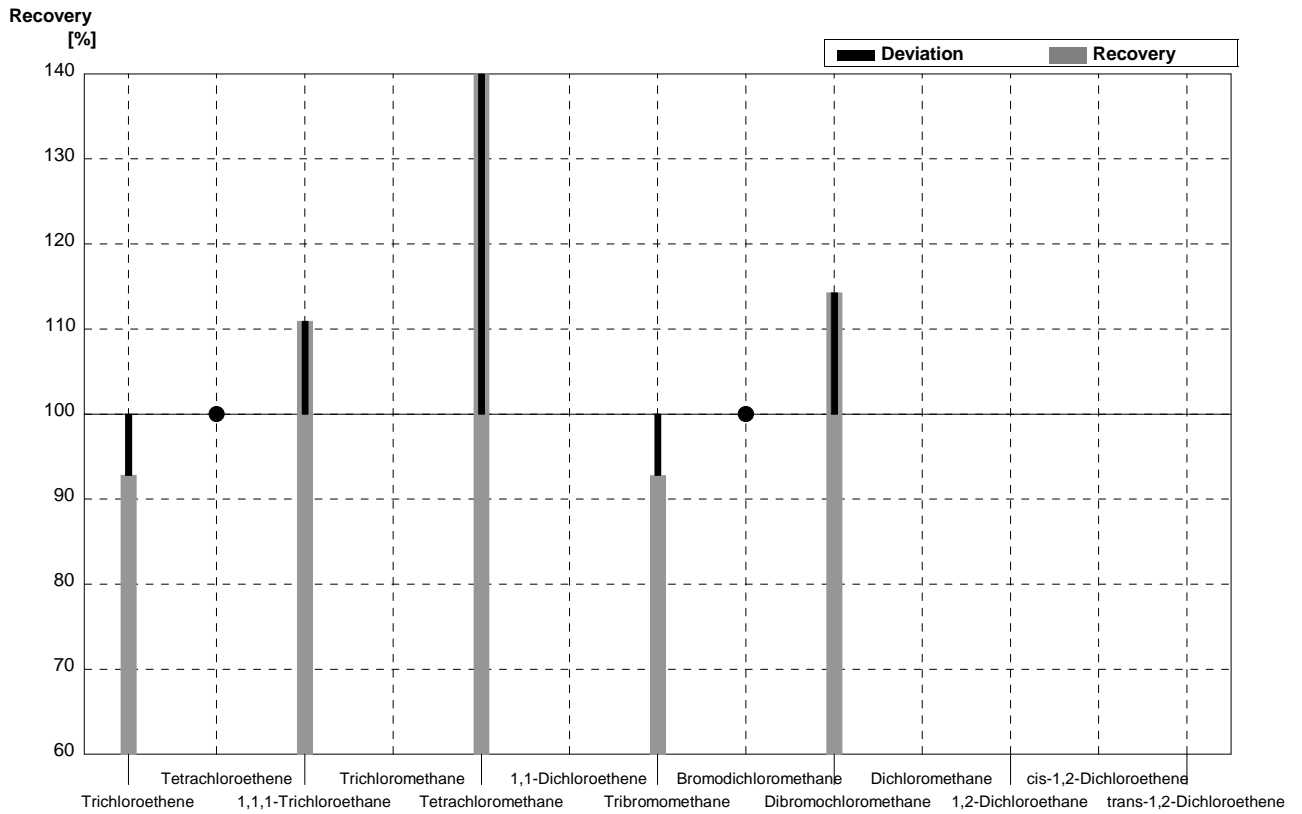
**Sample C54B**  
**Laboratory F**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,188  | 0,038 | µg/l | 99%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,020  | 0,204 | µg/l | 77%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,425  | 0,085 | µg/l | 104%     |
| Trichloromethane         | <0,14        |           | <0,020 |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,302  | 0,060 | µg/l | 101%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,880  | 0,376 | µg/l | 109%     |
| Tribromomethane          | 0,36         | 0,02      | 0,342  | 0,068 | µg/l | 95%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,539  | 0,108 | µg/l | 102%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,082  | 0,416 | µg/l | 92%      |
| Dichloromethane          | 4,33         | 0,22      | 5,158  | 1,360 | µg/l | 119%     |
| 1,2-Dichloroethene       | 0,74         | 0,04      | 0,783  | 0,157 | µg/l | 106%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,382  | 0,076 | µg/l | 109%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,923  | 0,185 | µg/l | 103%     |



**Sample C54A**  
**Laboratory G**

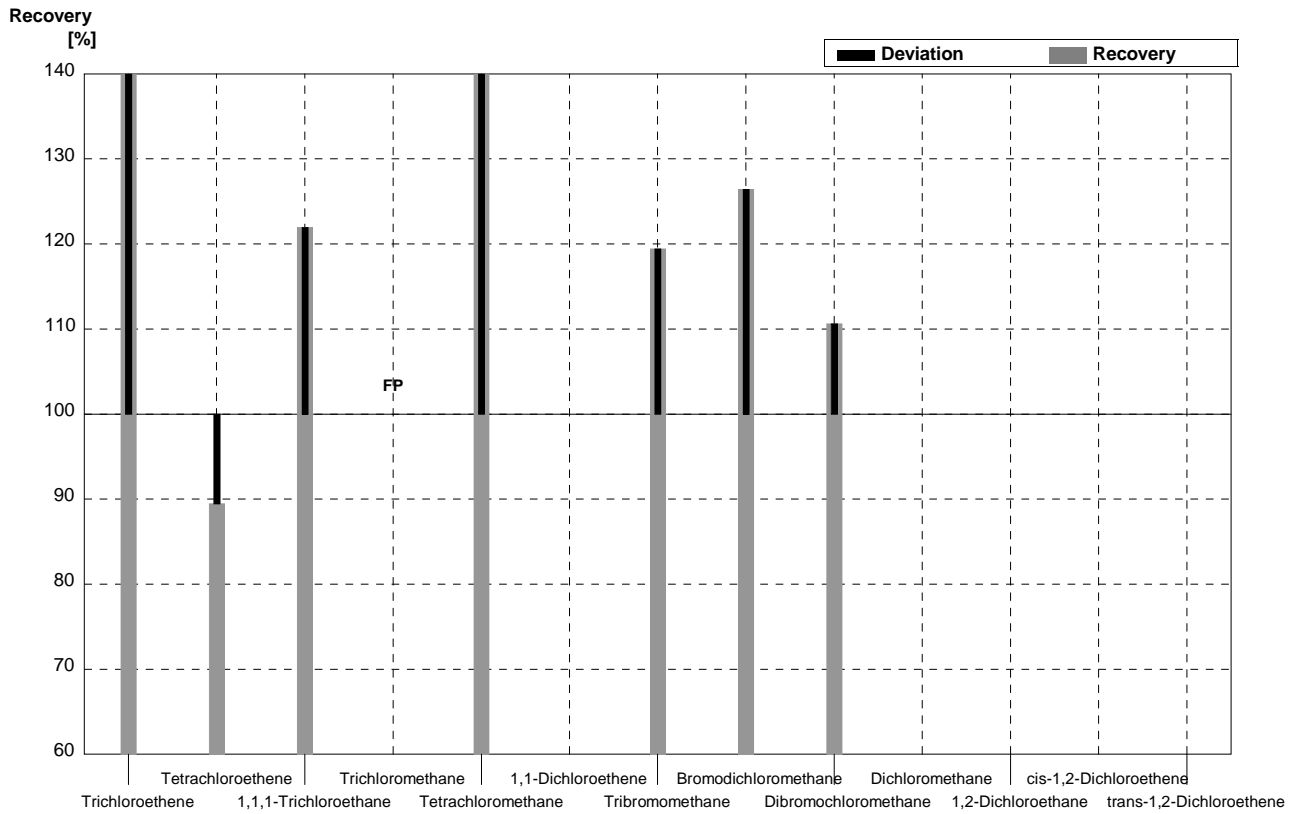
| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,68   | 0,10 | µg/l | 93%      |
| Tetrachloroethene        | <0,06        |           | <0,06  |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,71   | 0,10 | µg/l | 111%     |
| Trichloromethane         | 0,76         | 0,04      |        |      | µg/l |          |
| Tetrachloromethane       | 1,84         | 0,09      | 7,95   | 0,10 | µg/l | 432%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      |        |      | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 1,16   | 0,08 | µg/l | 93%      |
| Bromodichloromethane     | <0,06        |           | <0,06  |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,56   | 0,02 | µg/l | 114%     |
| Dichloromethane          | 1,42         | 0,07      |        |      | µg/l |          |
| 1,2-Dichloroethane       | 2,09         | 0,10      |        |      | µg/l |          |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      |        |      | µg/l |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |      | µg/l |          |





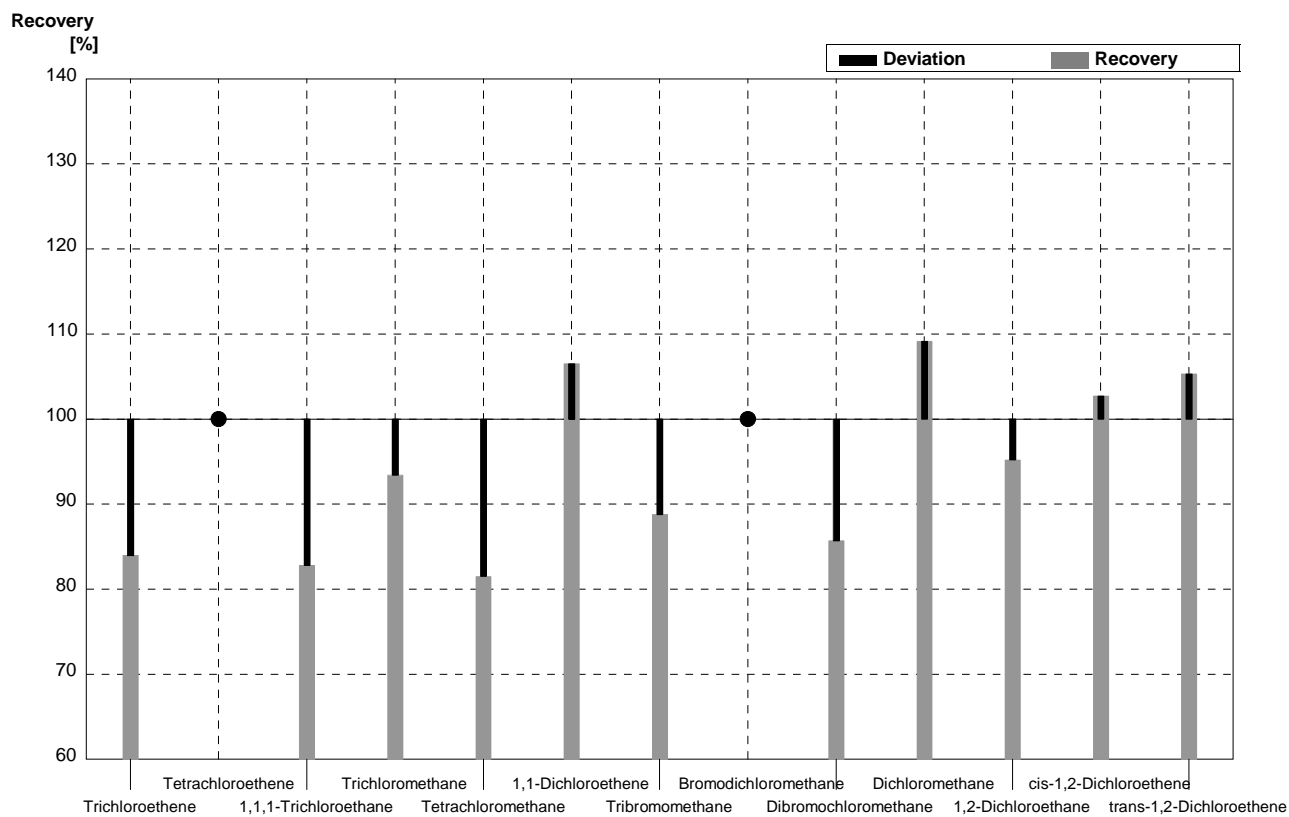
**Sample C54B**  
**Laboratory G**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,29   | 0,05 | µg/l | 153%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,19   | 0,12 | µg/l | 89%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,50   | 0,10 | µg/l | 122%     |
| Trichloromethane         | <0,14        |           | 0,52   | 0,02 | µg/l | FP       |
| Tetrachloromethane       | 0,30         | 0,02      | 2,27   | 0,15 | µg/l | 757%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |      | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | 0,43   | 0,02 | µg/l | 119%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,67   | 0,03 | µg/l | 126%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,5    | 0,15 | µg/l | 111%     |
| Dichloromethane          | 4,33         | 0,22      |        |      | µg/l |          |
| 1,2-Dichloroethane       | 0,74         | 0,04      |        |      | µg/l |          |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |      | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |      | µg/l |          |



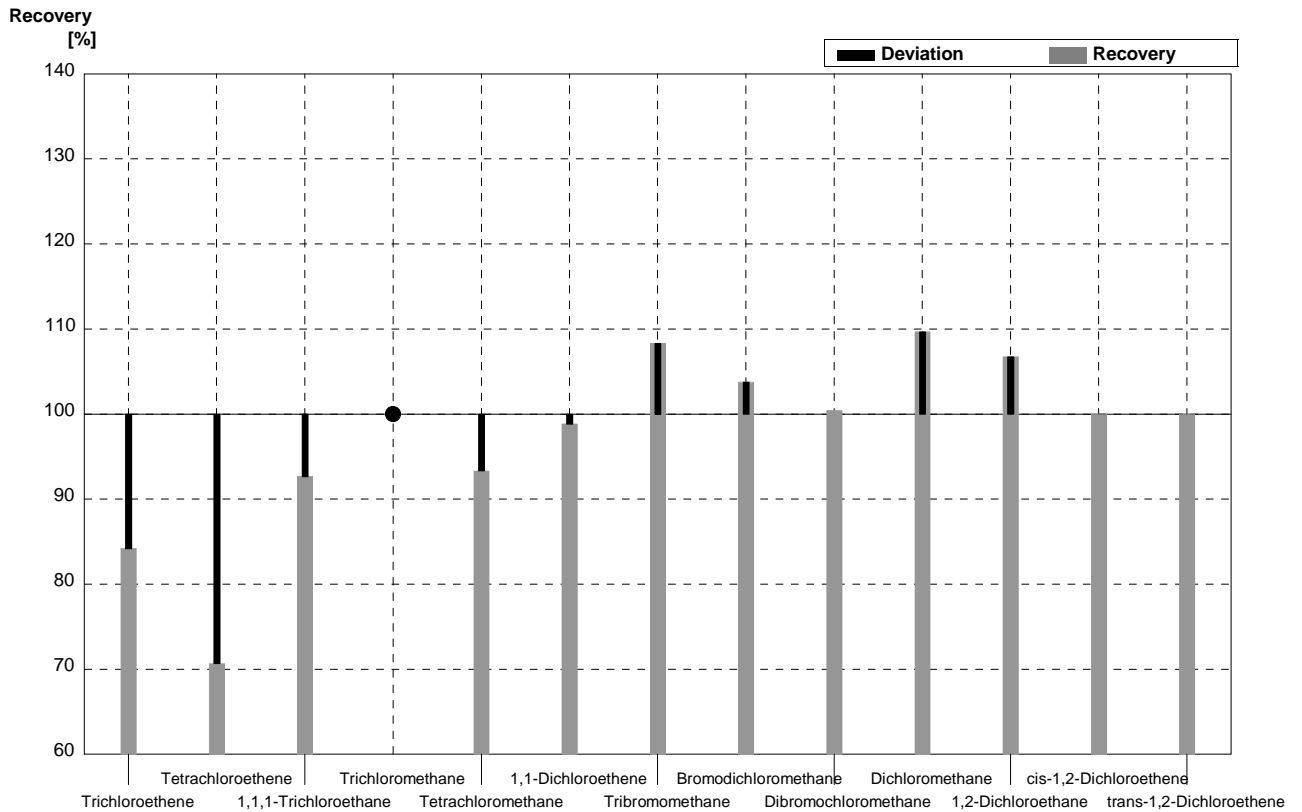
**Sample C54A**  
**Laboratory H**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,52   | 0,38 | µg/l | 84%      |
| Tetrachloroethene        | <0,06        |           | <0,10  |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,53   | 0,13 | µg/l | 83%      |
| Trichloromethane         | 0,76         | 0,04      | 0,71   | 0,18 | µg/l | 93%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,50   | 0,38 | µg/l | 82%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,49   | 0,12 | µg/l | 107%     |
| Tribromomethane          | 1,25         | 0,06      | 1,11   | 0,28 | µg/l | 89%      |
| Bromodichloromethane     | <0,06        |           | <0,10  |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,42   | 0,10 | µg/l | 86%      |
| Dichloromethane          | 1,42         | 0,07      | 1,55   | 0,39 | µg/l | 109%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,99   | 0,50 | µg/l | 95%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,12   | 0,28 | µg/l | 103%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,98   | 0,50 | µg/l | 105%     |



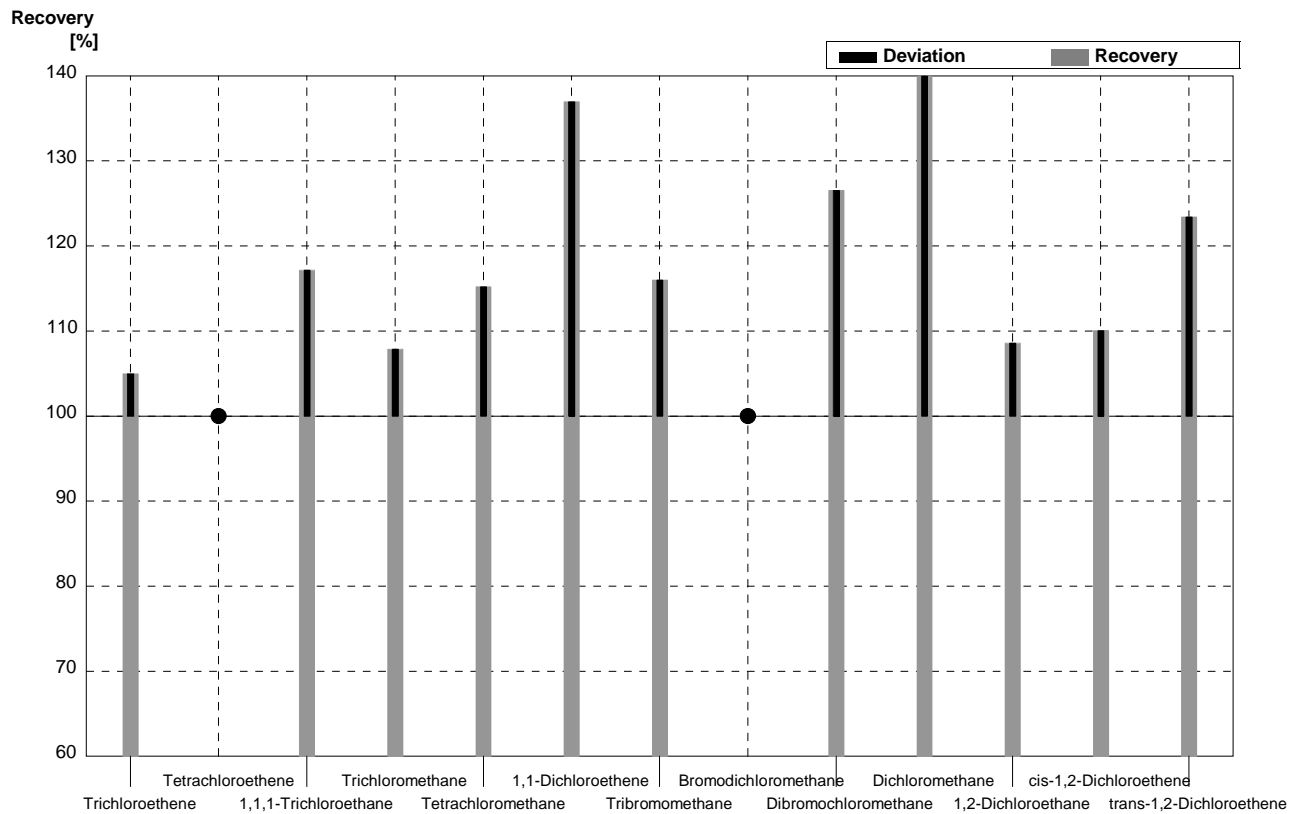
**Sample C54B**  
**Laboratory H**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,16   | 0,04 | µg/l | 84%      |
| Tetrachloroethene        | 1,33         | 0,07      | 0,94   | 0,23 | µg/l | 71%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,38   | 0,09 | µg/l | 93%      |
| Trichloromethane         | <0,14        |           | <0,10  |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,28   | 0,07 | µg/l | 93%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,71   | 0,43 | µg/l | 99%      |
| Tribromomethane          | 0,36         | 0,02      | 0,39   | 0,10 | µg/l | 108%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,55   | 0,14 | µg/l | 104%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,27   | 0,57 | µg/l | 100%     |
| Dichloromethane          | 4,33         | 0,22      | 4,75   | 1,19 | µg/l | 110%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,79   | 0,20 | µg/l | 107%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,35   | 0,09 | µg/l | 100%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,90   | 0,23 | µg/l | 100%     |



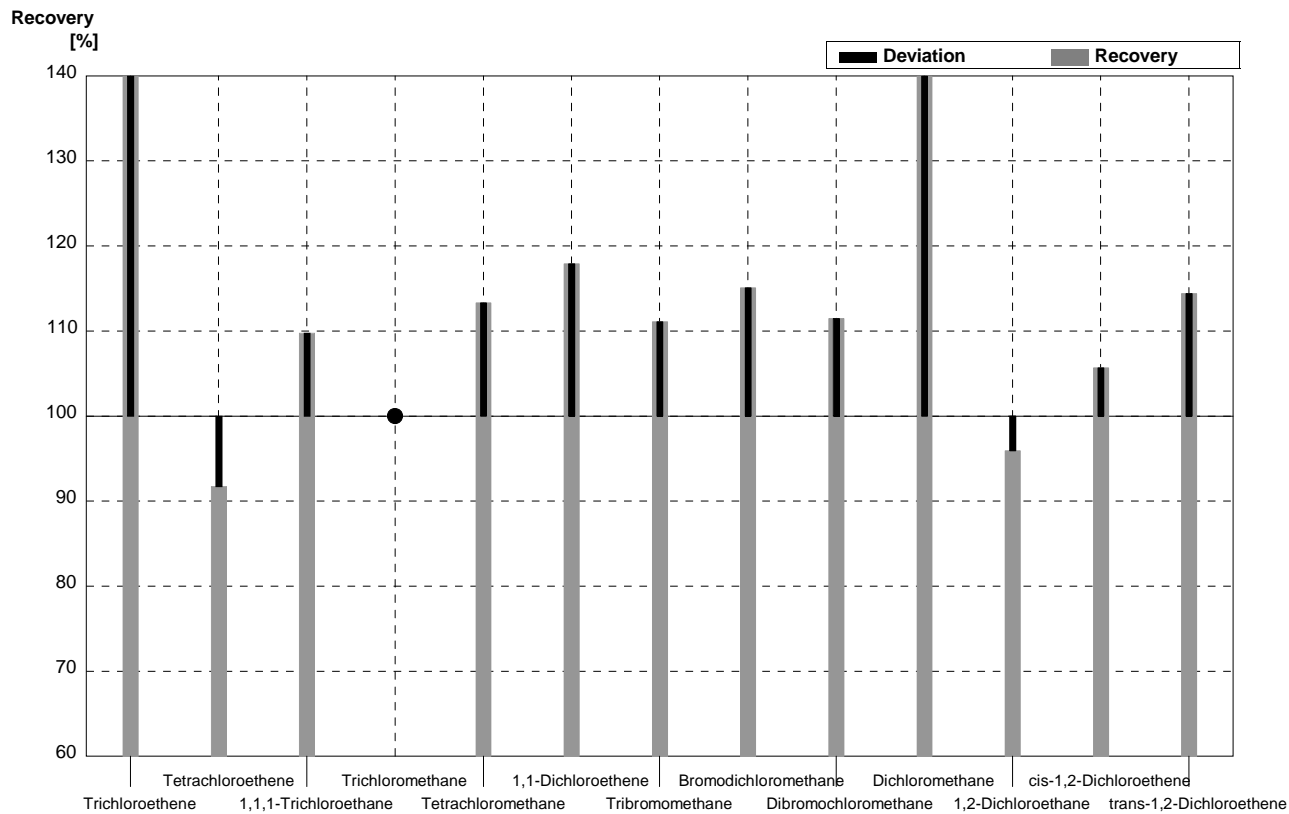
**Sample C54A**  
**Laboratory I**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,90   | 0,29 | µg/l | 105%     |
| Tetrachloroethene        | <0,06        |           | <0,10  | 0,04 | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,75   | 0,11 | µg/l | 117%     |
| Trichloromethane         | 0,76         | 0,04      | 0,82   | 0,12 | µg/l | 108%     |
| Tetrachloromethane       | 1,84         | 0,09      | 2,12   | 0,32 | µg/l | 115%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,63   | 0,09 | µg/l | 137%     |
| Tribromomethane          | 1,25         | 0,06      | 1,45   | 0,22 | µg/l | 116%     |
| Bromodichloromethane     | <0,06        |           | <0,10  | 0,04 | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,62   | 0,22 | µg/l | 127%     |
| Dichloromethane          | 1,42         | 0,07      | 2,36   | 0,34 | µg/l | 166%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,27   | 0,34 | µg/l | 109%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,20   | 0,18 | µg/l | 110%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,32   | 0,35 | µg/l | 123%     |



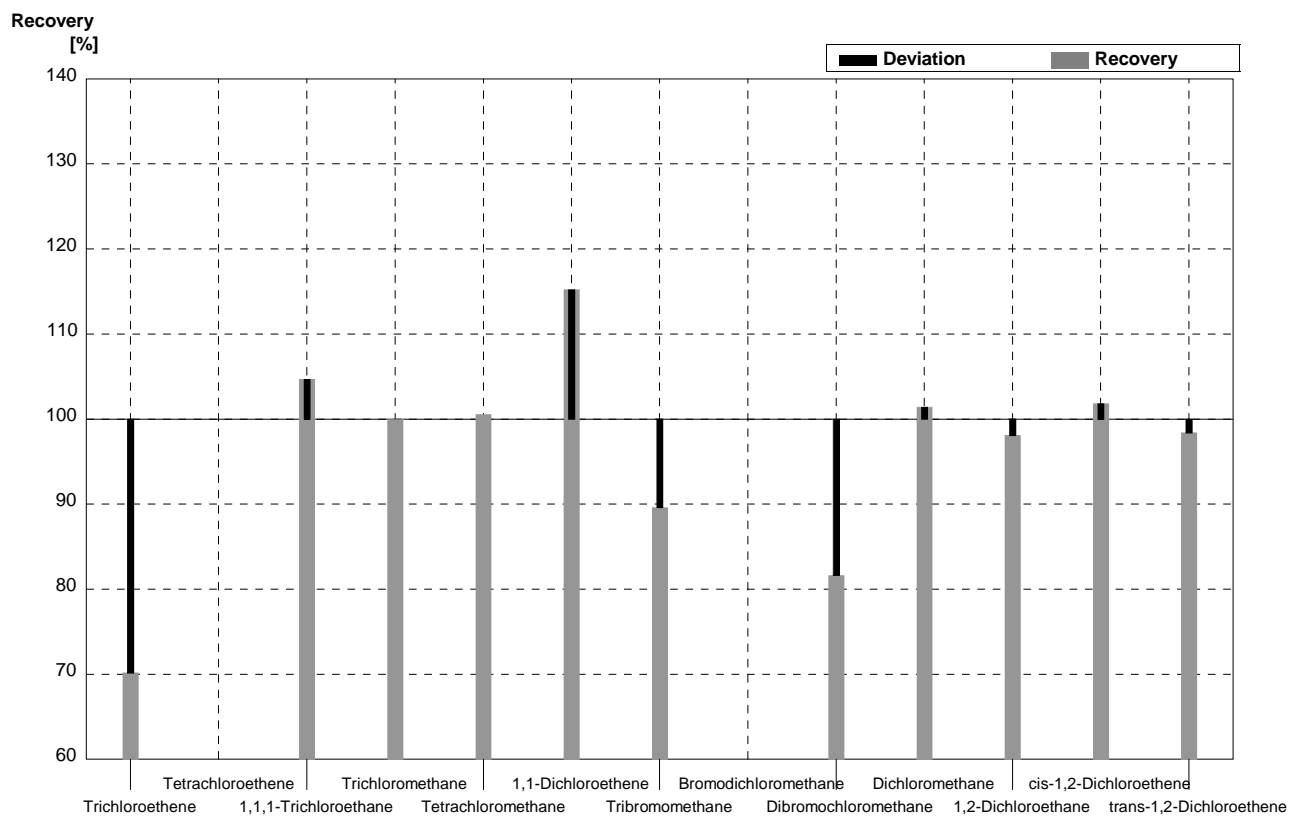
**Sample C54B**  
**Laboratory I**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,30   | 0,10 | µg/l | 158%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,22   | 0,18 | µg/l | 92%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,45   | 0,16 | µg/l | 110%     |
| Trichloromethane         | <0,14        |           | <0,10  | 0,04 | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,34   | 0,12 | µg/l | 113%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,04   | 0,31 | µg/l | 118%     |
| Tribromomethane          | 0,36         | 0,02      | 0,40   | 0,14 | µg/l | 111%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,61   | 0,10 | µg/l | 115%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,52   | 0,38 | µg/l | 112%     |
| Dichloromethane          | 4,33         | 0,22      | 6,28   | 0,94 | µg/l | 145%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,71   | 0,11 | µg/l | 96%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,37   | 0,13 | µg/l | 106%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,03   | 0,15 | µg/l | 114%     |



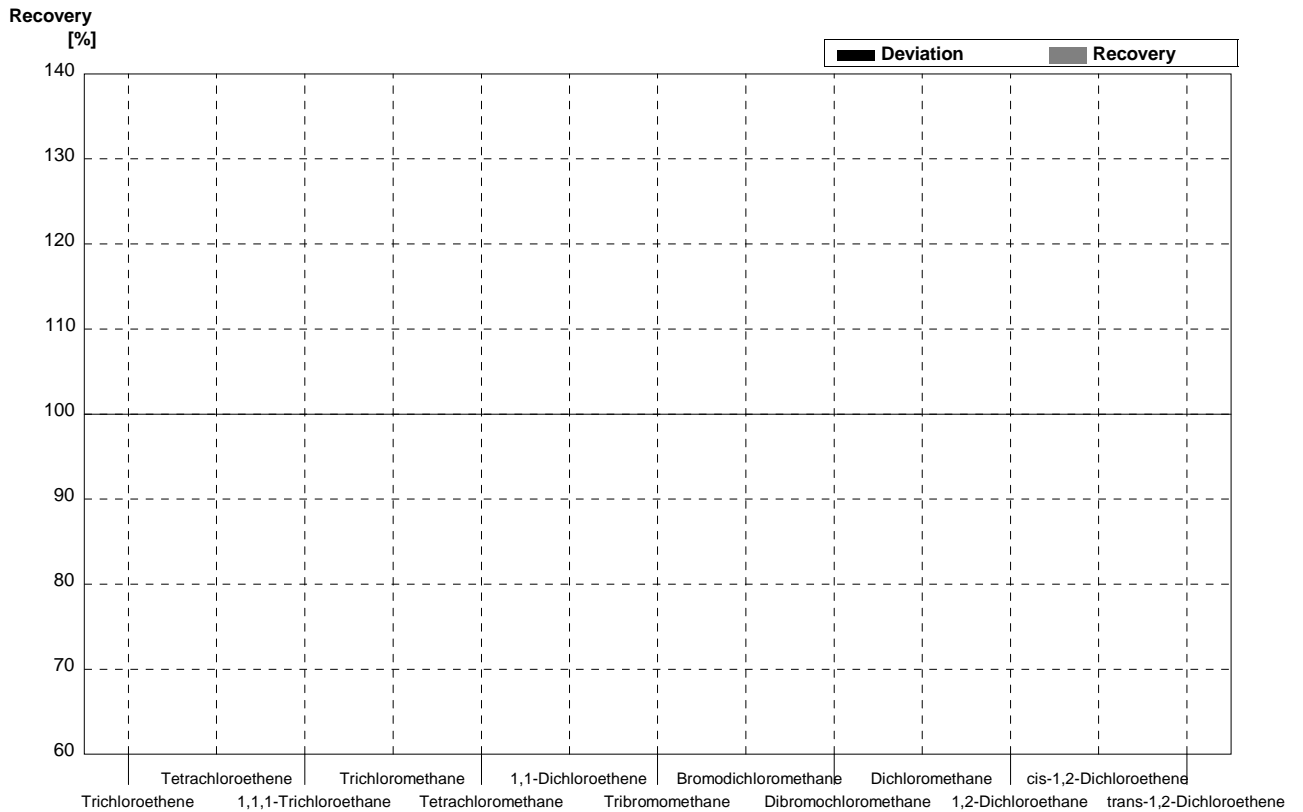
**Sample C54A**  
**Laboratory K**

| Parameter                | Target value | ± U (k=2) | Result     | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|------------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,27       | 0,25 | µg/l | 70%      |
| Tetrachloroethene        | <0,06        |           | <0,05 (BG) |      | µg/l |          |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,67       | 0,15 | µg/l | 105%     |
| Trichloromethane         | 0,76         | 0,04      | 0,76       | 0,15 | µg/l | 100%     |
| Tetrachloromethane       | 1,84         | 0,09      | 1,85       | 0,35 | µg/l | 101%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,53       | 0,10 | µg/l | 115%     |
| Tribromomethane          | 1,25         | 0,06      | 1,12       | 0,25 | µg/l | 90%      |
| Bromodichloromethane     | <0,06        |           | <0,05 (BG) |      | µg/l |          |
| Dibromochloromethane     | 0,49         | 0,02      | 0,40       | 0,10 | µg/l | 82%      |
| Dichloromethane          | 1,42         | 0,07      | 1,44       | 0,25 | µg/l | 101%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,05       | 0,40 | µg/l | 98%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,11       | 0,25 | µg/l | 102%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,85       | 0,40 | µg/l | 98%      |



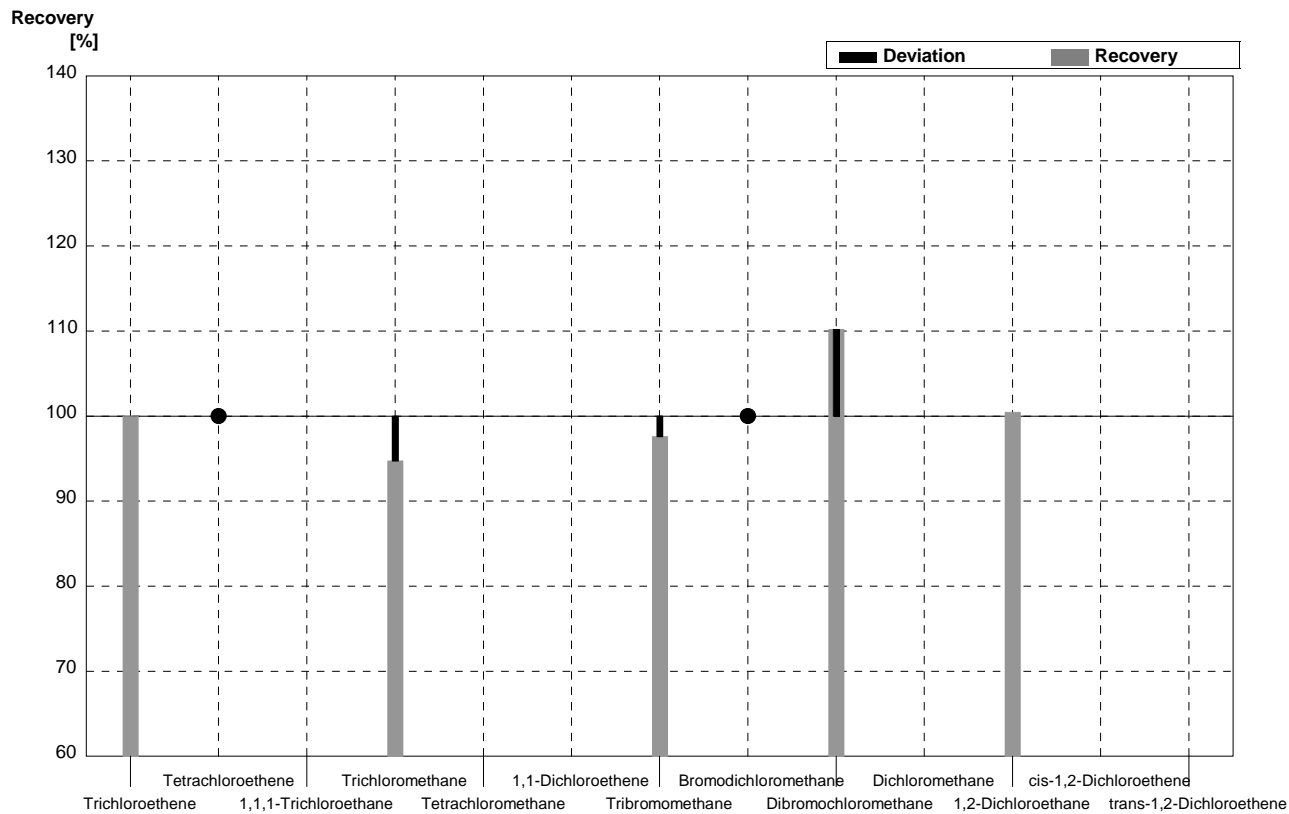
**Sample C54B**  
**Laboratory K**

| Parameter                | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|--------------------------|--------------|-----------|--------|---|------|----------|
| Trichloroethene          | 0,19         | 0,01      |        |   | µg/l |          |
| Tetrachloroethene        | 1,33         | 0,07      |        |   | µg/l |          |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      |        |   | µg/l |          |
| Trichloromethane         | <0,14        |           |        |   | µg/l |          |
| Tetrachloromethane       | 0,30         | 0,02      |        |   | µg/l |          |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |   | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      |        |   | µg/l |          |
| Bromodichloromethane     | 0,53         | 0,03      |        |   | µg/l |          |
| Dibromochloromethane     | 2,26         | 0,11      |        |   | µg/l |          |
| Dichloromethane          | 4,33         | 0,22      |        |   | µg/l |          |
| 1,2-Dichloroethane       | 0,74         | 0,04      |        |   | µg/l |          |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |   | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |   | µg/l |          |



**Sample C54A**  
**Laboratory L**

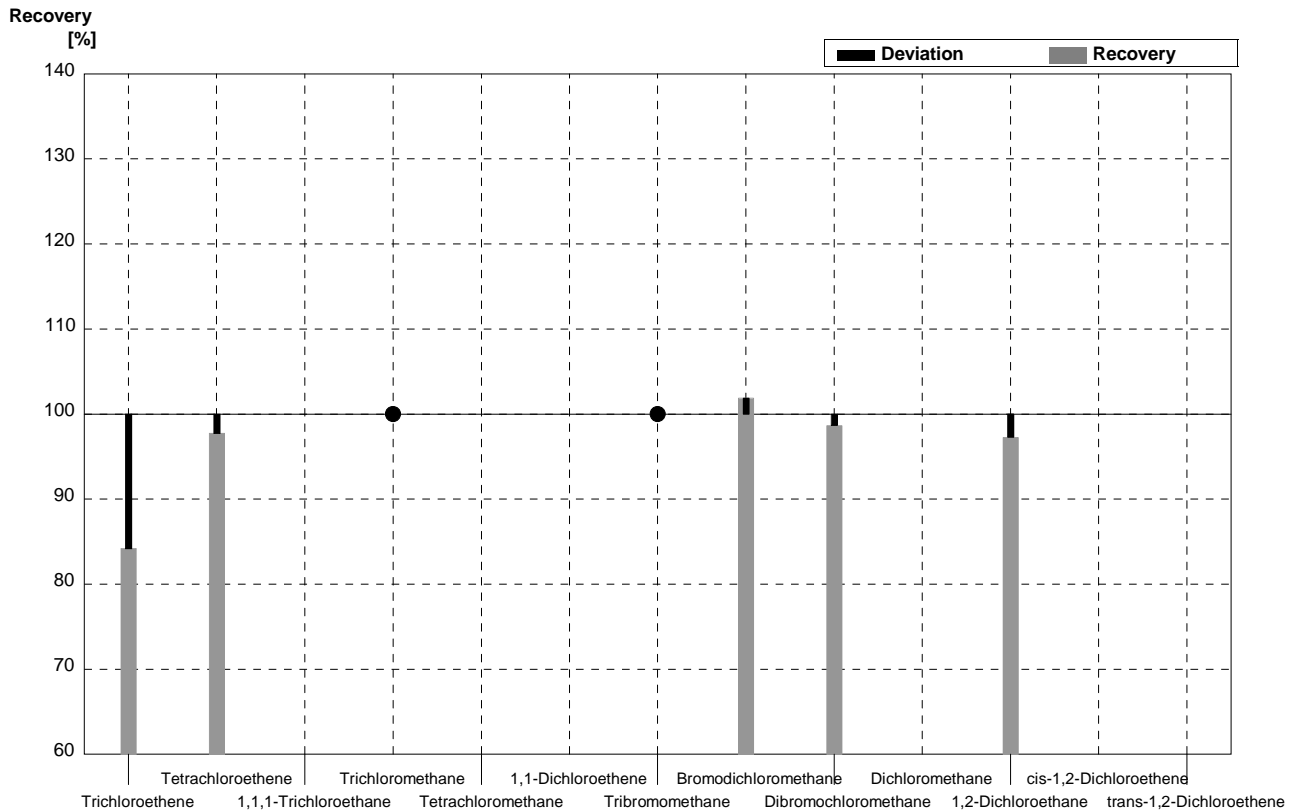
| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 1,81         | 0,09          | 1,81   | 0,034 | $\mu\text{g/l}$ | 100%     |
| Tetrachloroethene        | <0,06        |               | <0,17  |       | $\mu\text{g/l}$ | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03          |        |       | $\mu\text{g/l}$ |          |
| Trichloromethane         | 0,76         | 0,04          | 0,72   | 0,046 | $\mu\text{g/l}$ | 95%      |
| Tetrachloromethane       | 1,84         | 0,09          |        |       | $\mu\text{g/l}$ |          |
| 1,1-Dichloroethene       | 0,46         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| Tribromomethane          | 1,25         | 0,06          | 1,22   | 0,019 | $\mu\text{g/l}$ | 98%      |
| Bromodichloromethane     | <0,06        |               | <0,51  |       | $\mu\text{g/l}$ | •        |
| Dibromochloromethane     | 0,49         | 0,02          | 0,54   | 0,021 | $\mu\text{g/l}$ | 110%     |
| Dichloromethane          | 1,42         | 0,07          |        |       | $\mu\text{g/l}$ |          |
| 1,2-Dichloroethane       | 2,09         | 0,10          | 2,10   | 0,028 | $\mu\text{g/l}$ | 100%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05          |        |       | $\mu\text{g/l}$ |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09          |        |       | $\mu\text{g/l}$ |          |





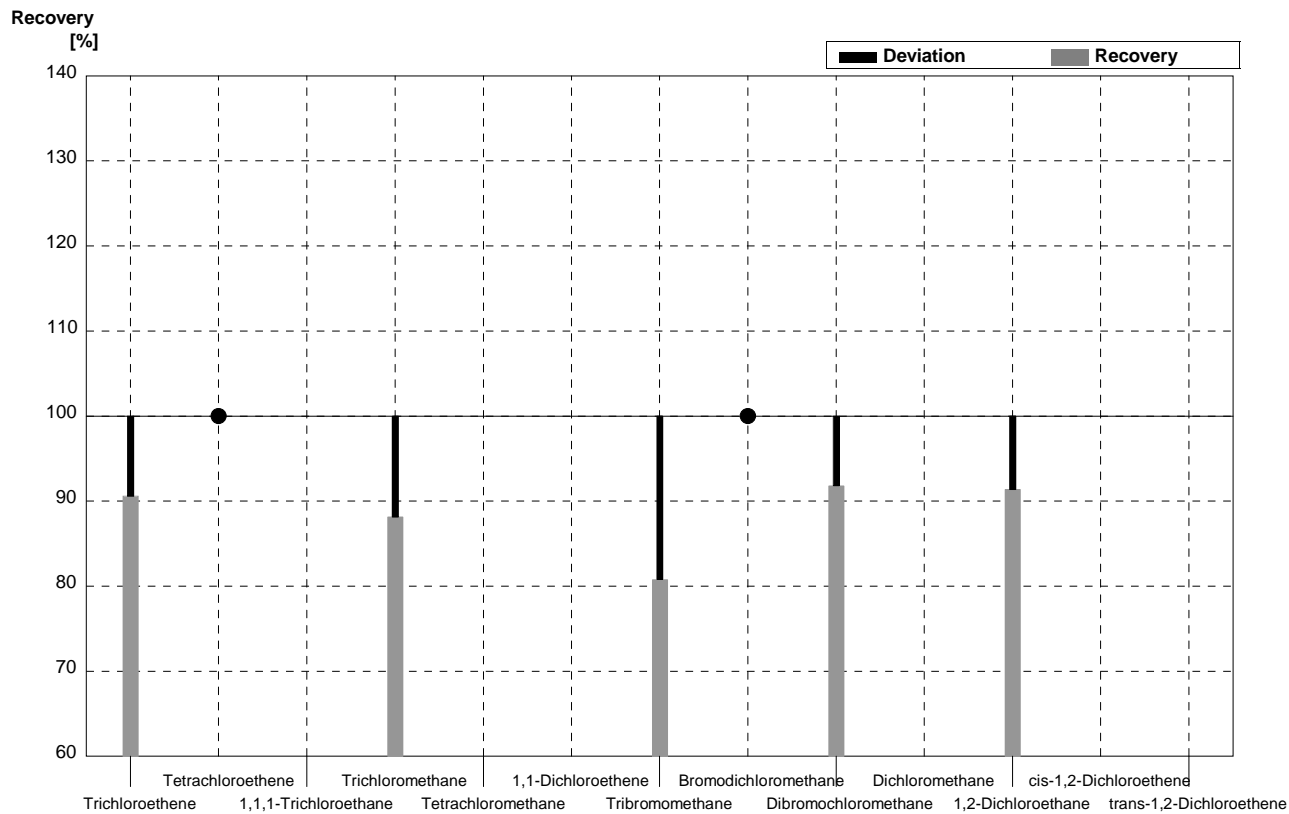
**Sample C54B**  
**Laboratory L**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,16   | 0,036 | µg/l | 84%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,30   | 0,042 | µg/l | 98%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      |        |       | µg/l |          |
| Trichloromethane         | <0,14        |           | <0,56  |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      |        |       | µg/l |          |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |       | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | <1,11  |       | µg/l | •        |
| Bromodichloromethane     | 0,53         | 0,03      | 0,54   | 0,060 | µg/l | 102%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,23   | 0,053 | µg/l | 99%      |
| Dichloromethane          | 4,33         | 0,22      |        |       | µg/l |          |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,72   | 0,024 | µg/l | 97%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |       | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |       | µg/l |          |



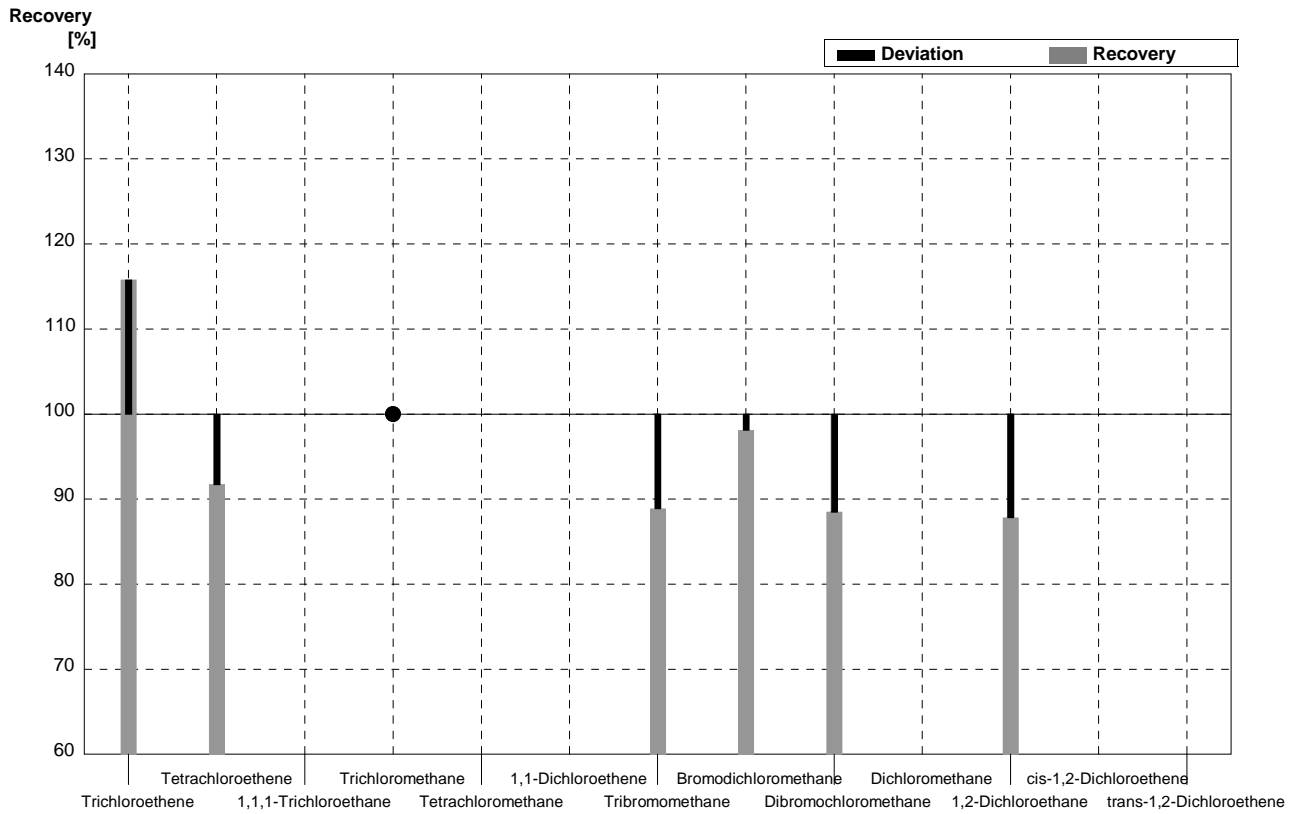
**Sample C54A**  
**Laboratory M**

| Parameter                | Target value | $\pm U$ (k=2) | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 1,81         | 0,09          | 1,64   | 0,1   | $\mu\text{g/l}$ | 91%      |
| Tetrachloroethene        | <0,06        |               | <0,1   |       | $\mu\text{g/l}$ | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03          |        |       | $\mu\text{g/l}$ |          |
| Trichloromethane         | 0,76         | 0,04          | 0,67   | 0,05  | $\mu\text{g/l}$ | 88%      |
| Tetrachloromethane       | 1,84         | 0,09          |        |       | $\mu\text{g/l}$ |          |
| 1,1-Dichloroethene       | 0,46         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| Tribromomethane          | 1,25         | 0,06          | 1,01   | 0,05  | $\mu\text{g/l}$ | 81%      |
| Bromodichloromethane     | <0,06        |               | <0,1   |       | $\mu\text{g/l}$ | •        |
| Dibromochloromethane     | 0,49         | 0,02          | 0,45   | 0,03  | $\mu\text{g/l}$ | 92%      |
| Dichloromethane          | 1,42         | 0,07          |        |       | $\mu\text{g/l}$ |          |
| 1,2-Dichloroethane       | 2,09         | 0,10          | 1,91   | 0,2   | $\mu\text{g/l}$ | 91%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05          |        |       | $\mu\text{g/l}$ |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09          |        |       | $\mu\text{g/l}$ |          |



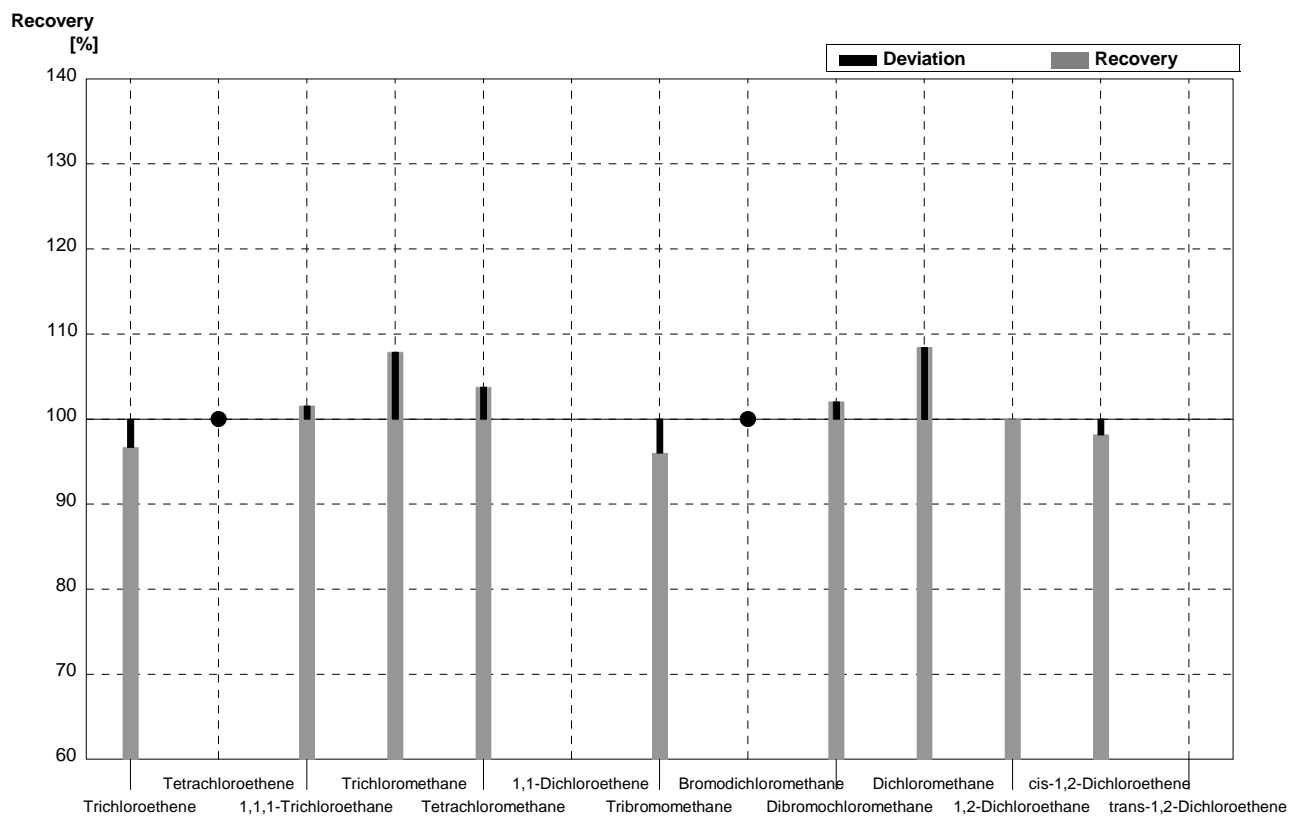
**Sample C54B**  
**Laboratory M**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,22   | 0,05 | µg/l | 116%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,22   | 0,08 | µg/l | 92%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      |        |      | µg/l |          |
| Trichloromethane         | <0,14        |           | <0,1   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      |        |      | µg/l |          |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |      | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | 0,32   | 0,03 | µg/l | 89%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,52   | 0,03 | µg/l | 98%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,0    | 0,2  | µg/l | 88%      |
| Dichloromethane          | 4,33         | 0,22      |        |      | µg/l |          |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,65   | 0,1  | µg/l | 88%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |      | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |      | µg/l |          |



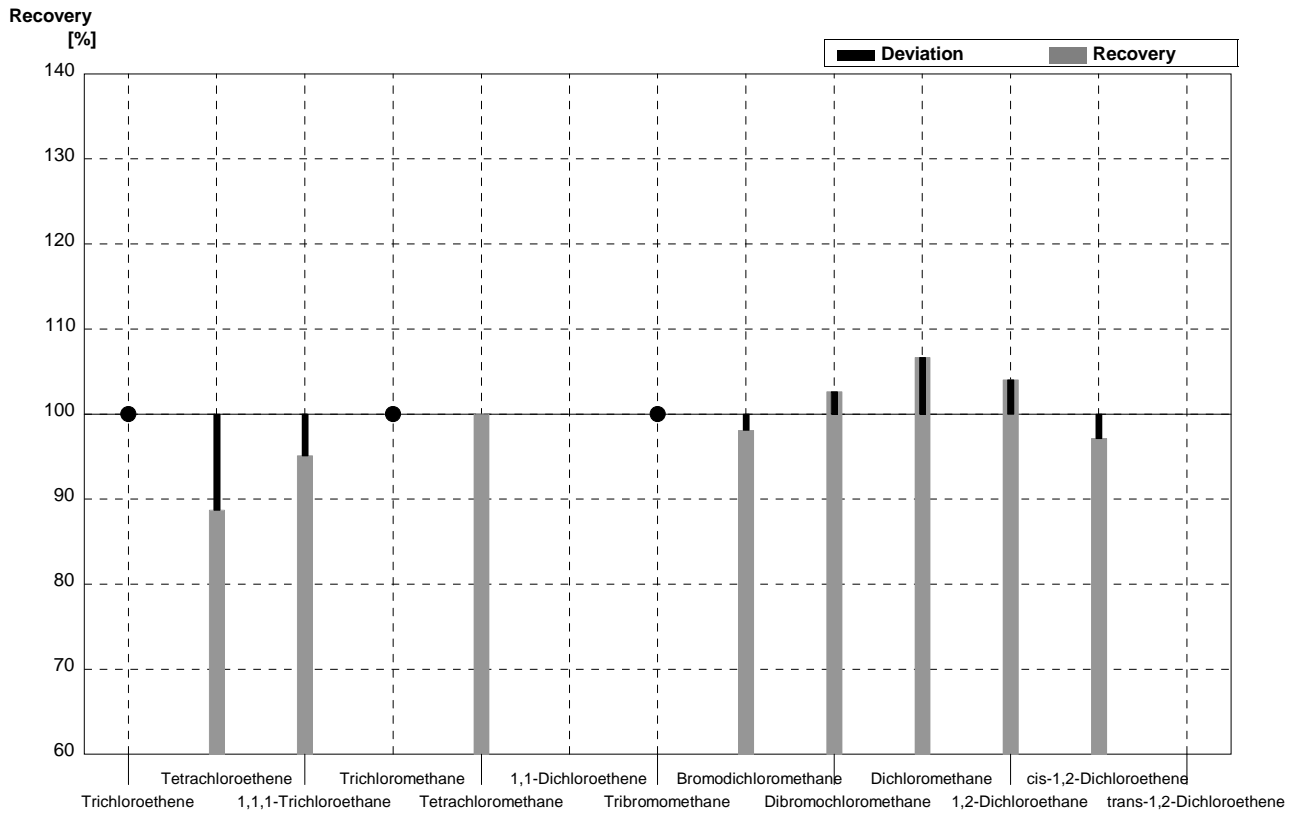
**Sample C54A**  
**Laboratory N**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,75   | 0,35 | µg/l | 97%      |
| Tetrachloroethene        | <0,06        |           | <0,30  | 0,15 | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,65   | 0,20 | µg/l | 102%     |
| Trichloromethane         | 0,76         | 0,04      | 0,82   | 0,25 | µg/l | 108%     |
| Tetrachloromethane       | 1,84         | 0,09      | 1,91   | 0,38 | µg/l | 104%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | n,a    |      | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 1,20   | 0,25 | µg/l | 96%      |
| Bromodichloromethane     | <0,06        |           | <0,50  | 0,15 | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,50   | 0,15 | µg/l | 102%     |
| Dichloromethane          | 1,42         | 0,07      | 1,54   | 0,31 | µg/l | 108%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,09   | 0,42 | µg/l | 100%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,07   | 0,27 | µg/l | 98%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | n,a.   |      | µg/l |          |



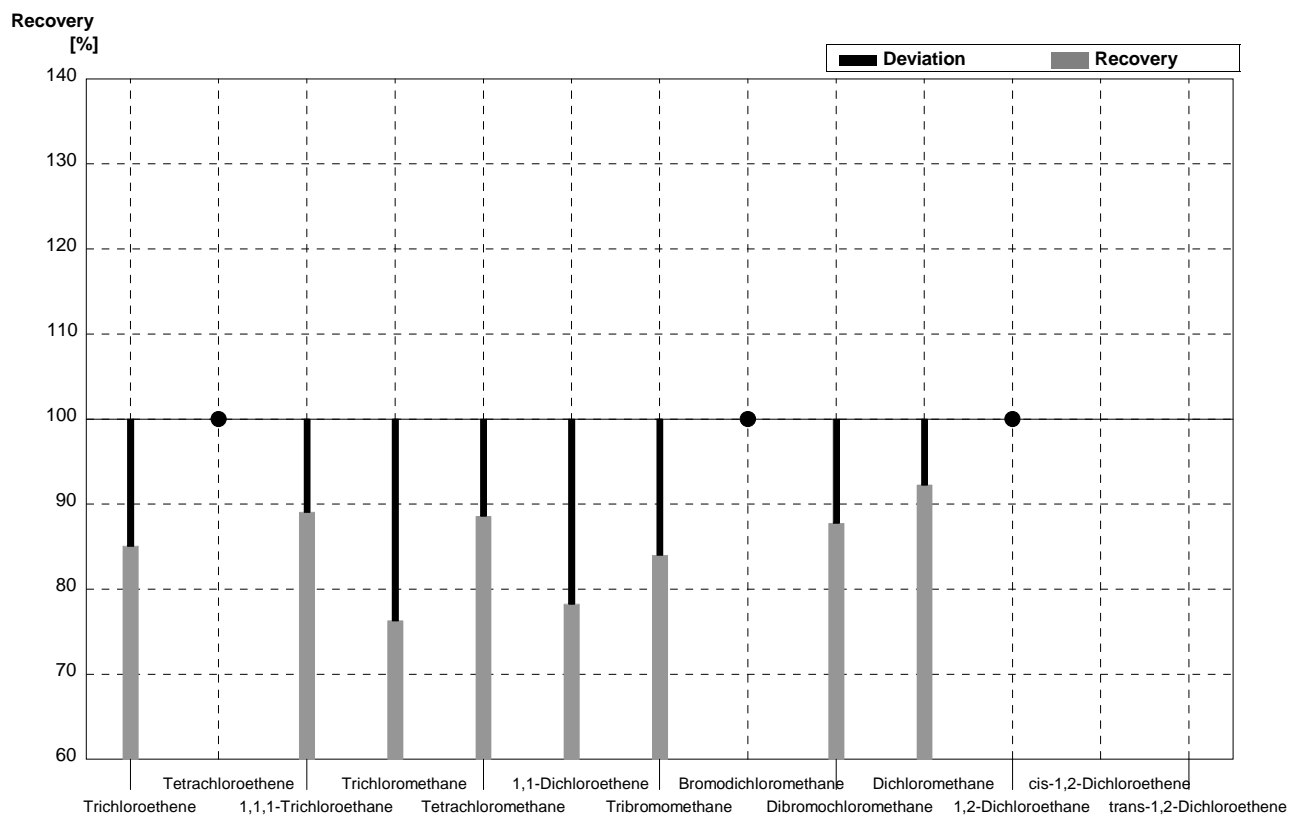
**Sample C54B**  
**Laboratory N**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | <0,50  | 0,15 | µg/l | •        |
| Tetrachloroethene        | 1,33         | 0,07      | 1,18   | 0,30 | µg/l | 89%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,39   | 0,12 | µg/l | 95%      |
| Trichloromethane         | <0,14        |           | <0,50  | 0,15 | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,30   | 0,10 | µg/l | 100%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | n.a.   |      | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | <0,50  | 0,15 | µg/l | •        |
| Bromodichloromethane     | 0,53         | 0,03      | 0,52   | 0,16 | µg/l | 98%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,32   | 0,46 | µg/l | 103%     |
| Dichloromethane          | 4,33         | 0,22      | 4,62   | 0,92 | µg/l | 107%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,77   | 0,23 | µg/l | 104%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,34   | 0,10 | µg/l | 97%      |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | n.a.   |      | µg/l |          |



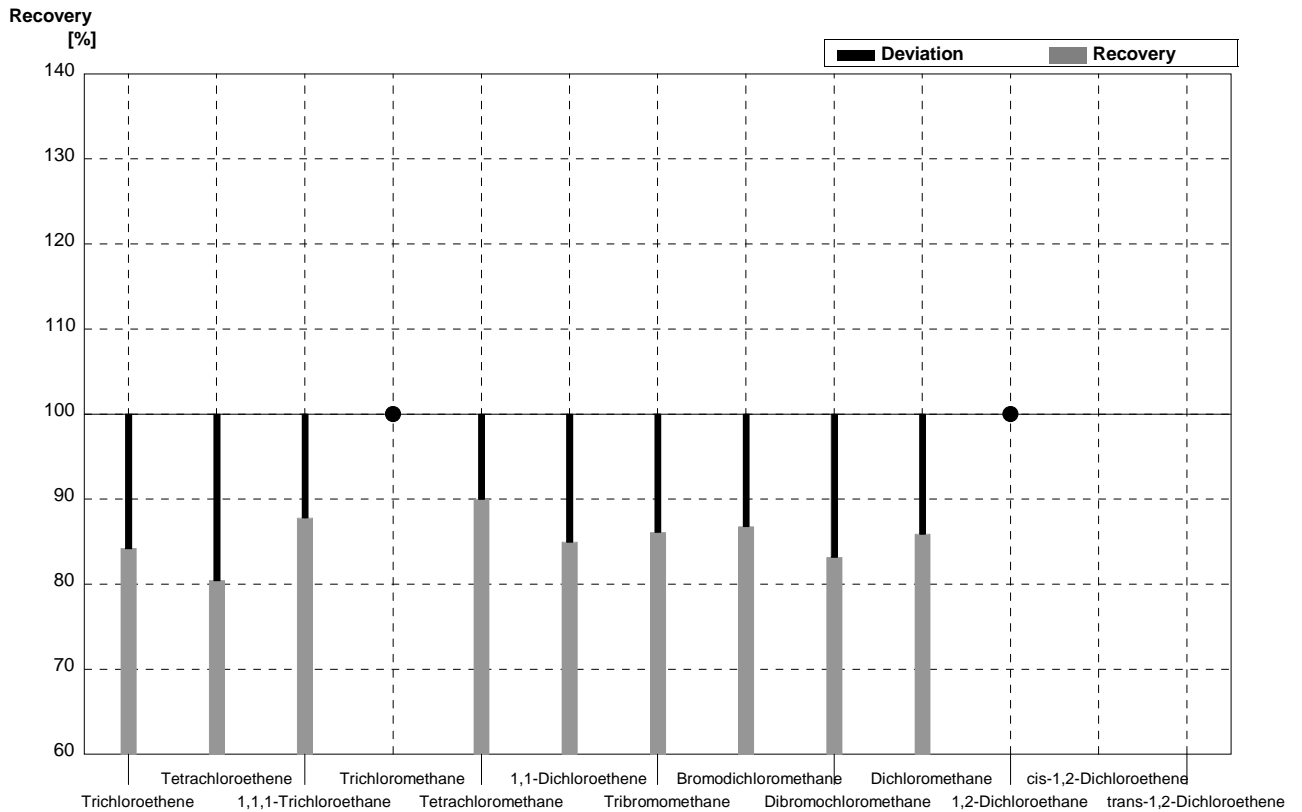
**Sample C54A**  
**Laboratory O**

| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 1,81         | 0,09          | 1,54   | 0,385 | $\mu\text{g/l}$ | 85%      |
| Tetrachloroethene        | <0,06        |               | <0,1   |       | $\mu\text{g/l}$ | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03          | 0,57   | 0,143 | $\mu\text{g/l}$ | 89%      |
| Trichloromethane         | 0,76         | 0,04          | 0,58   | 0,152 | $\mu\text{g/l}$ | 76%      |
| Tetrachloromethane       | 1,84         | 0,09          | 1,63   | 0,408 | $\mu\text{g/l}$ | 89%      |
| 1,1-Dichloroethene       | 0,46         | 0,02          | 0,36   | 0,09  | $\mu\text{g/l}$ | 78%      |
| Tribromomethane          | 1,25         | 0,06          | 1,05   | 0,263 | $\mu\text{g/l}$ | 84%      |
| Bromodichloromethane     | <0,06        |               | <0,1   |       | $\mu\text{g/l}$ | •        |
| Dibromochloromethane     | 0,49         | 0,02          | 0,43   | 0,086 | $\mu\text{g/l}$ | 88%      |
| Dichloromethane          | 1,42         | 0,07          | 1,31   | 0,262 | $\mu\text{g/l}$ | 92%      |
| 1,2-Dichloroethane       | 2,09         | 0,10          | <3,0   |       | $\mu\text{g/l}$ | •        |
| cis-1,2-Dichloroethene   | 1,09         | 0,05          |        |       | $\mu\text{g/l}$ |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09          |        |       | $\mu\text{g/l}$ |          |



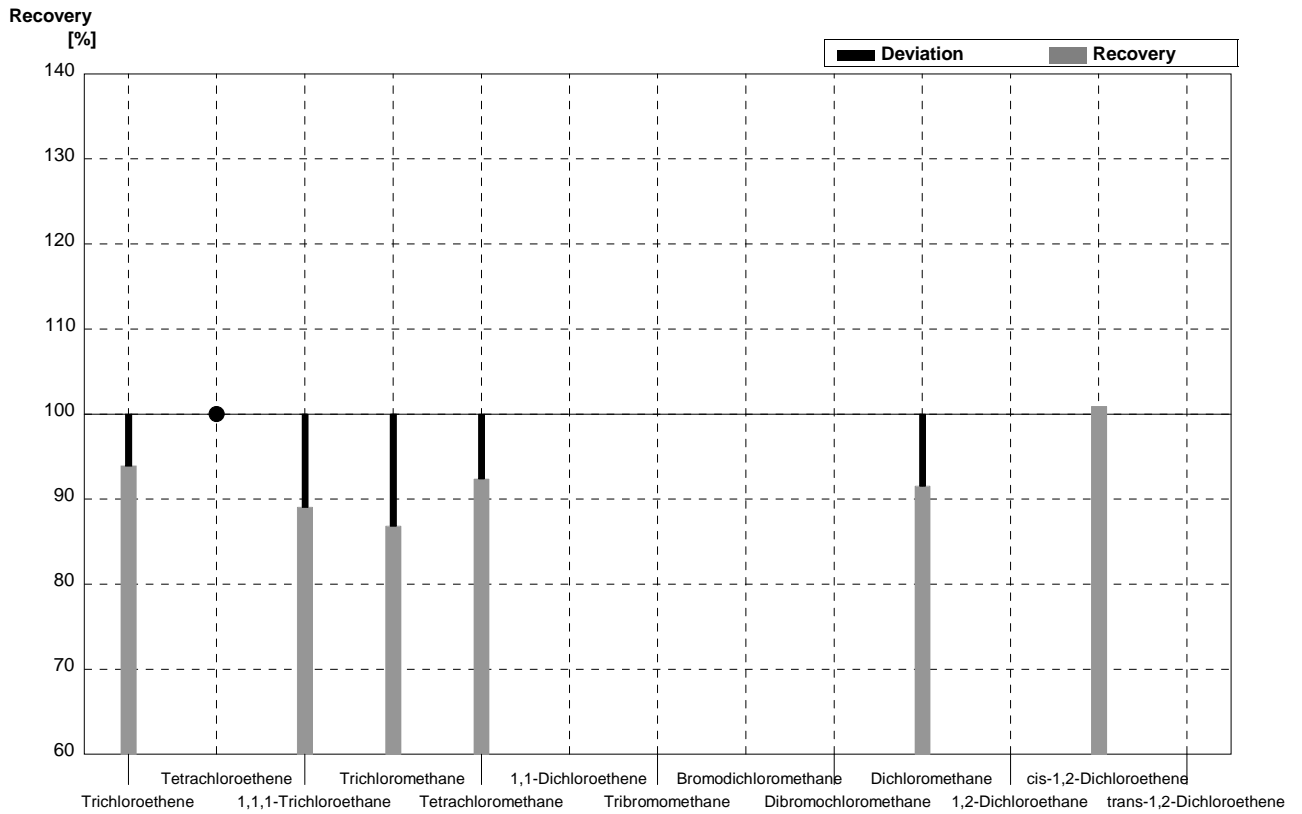
**Sample C54B**  
**Laboratory O**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,16   | 0,040 | µg/l | 84%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,07   | 0,268 | µg/l | 80%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,36   | 0,09  | µg/l | 88%      |
| Trichloromethane         | <0,14        |           | <0,1   |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,27   | 0,068 | µg/l | 90%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,47   | 0,368 | µg/l | 85%      |
| Tribromomethane          | 0,36         | 0,02      | 0,31   | 0,078 | µg/l | 86%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,46   | 0,092 | µg/l | 87%      |
| Dibromochloromethane     | 2,26         | 0,11      | 1,88   | 0,376 | µg/l | 83%      |
| Dichloromethane          | 4,33         | 0,22      | 3,72   | 0,744 | µg/l | 86%      |
| 1,2-Dichloroethene       | 0,74         | 0,04      | <3,0   |       | µg/l | •        |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |       | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |       | µg/l |          |



**Sample C54A**  
**Laboratory P**

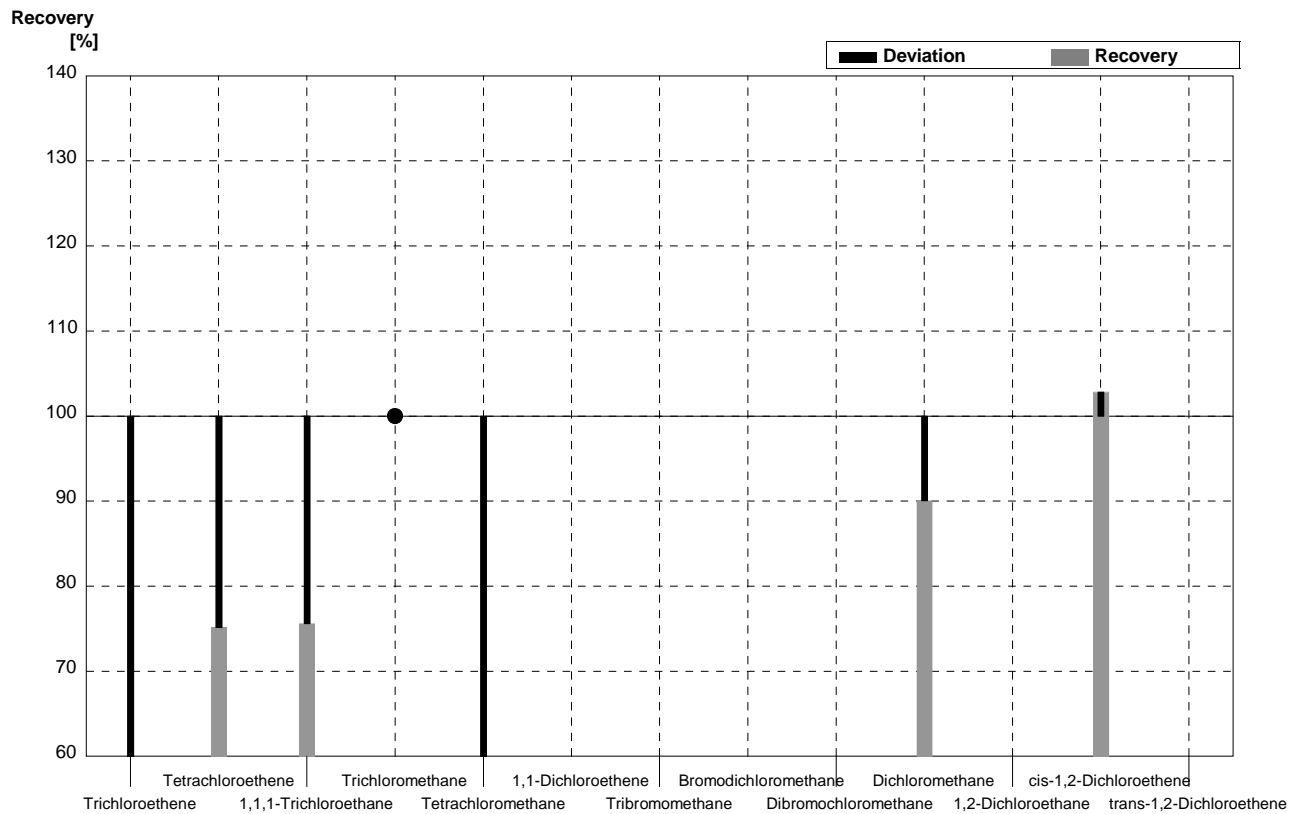
| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,7    | 0,2  | µg/l | 94%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,57   | 0,15 | µg/l | 89%      |
| Trichloromethane         | 0,76         | 0,04      | 0,66   | 0,15 | µg/l | 87%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,7    | 0,2  | µg/l | 92%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      |        |      | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      |        |      | µg/l |          |
| Bromodichloromethane     | <0,06        |           |        |      | µg/l |          |
| Dibromochloromethane     | 0,49         | 0,02      |        |      | µg/l |          |
| Dichloromethane          | 1,42         | 0,07      | 1,3    | 0,2  | µg/l | 92%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      |        |      | µg/l |          |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,1    | 0,2  | µg/l | 101%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |      | µg/l |          |





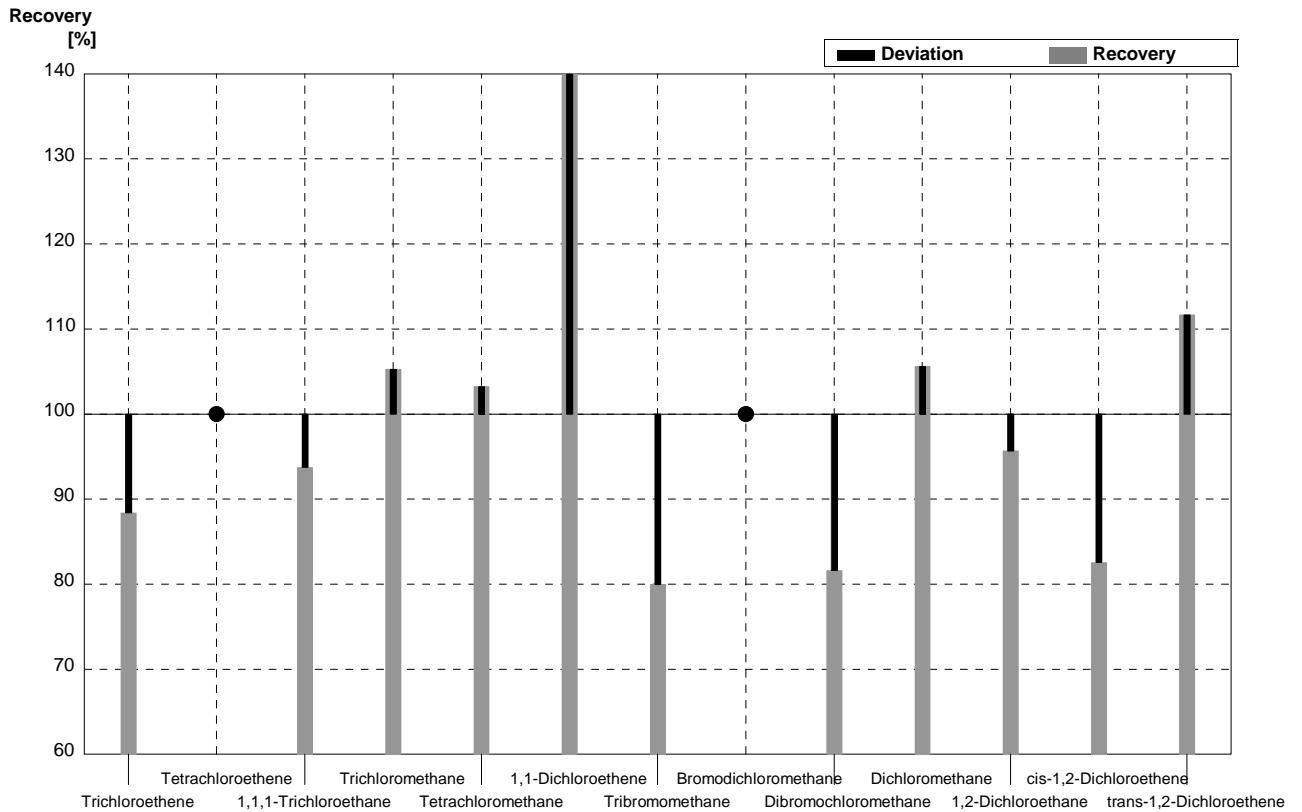
**Sample C54B**  
**Laboratory P**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,10   | 0,05 | µg/l | 53%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,0    | 0,2  | µg/l | 75%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,31   | 0,10 | µg/l | 76%      |
| Trichloromethane         | <0,14        |           | <0,1   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,18   | 0,08 | µg/l | 60%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |      | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      |        |      | µg/l |          |
| Bromodichloromethane     | 0,53         | 0,03      |        |      | µg/l |          |
| Dibromochloromethane     | 2,26         | 0,11      |        |      | µg/l |          |
| Dichloromethane          | 4,33         | 0,22      | 3,9    | 0,2  | µg/l | 90%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      |        |      | µg/l |          |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,36   | 0,10 | µg/l | 103%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |      | µg/l |          |



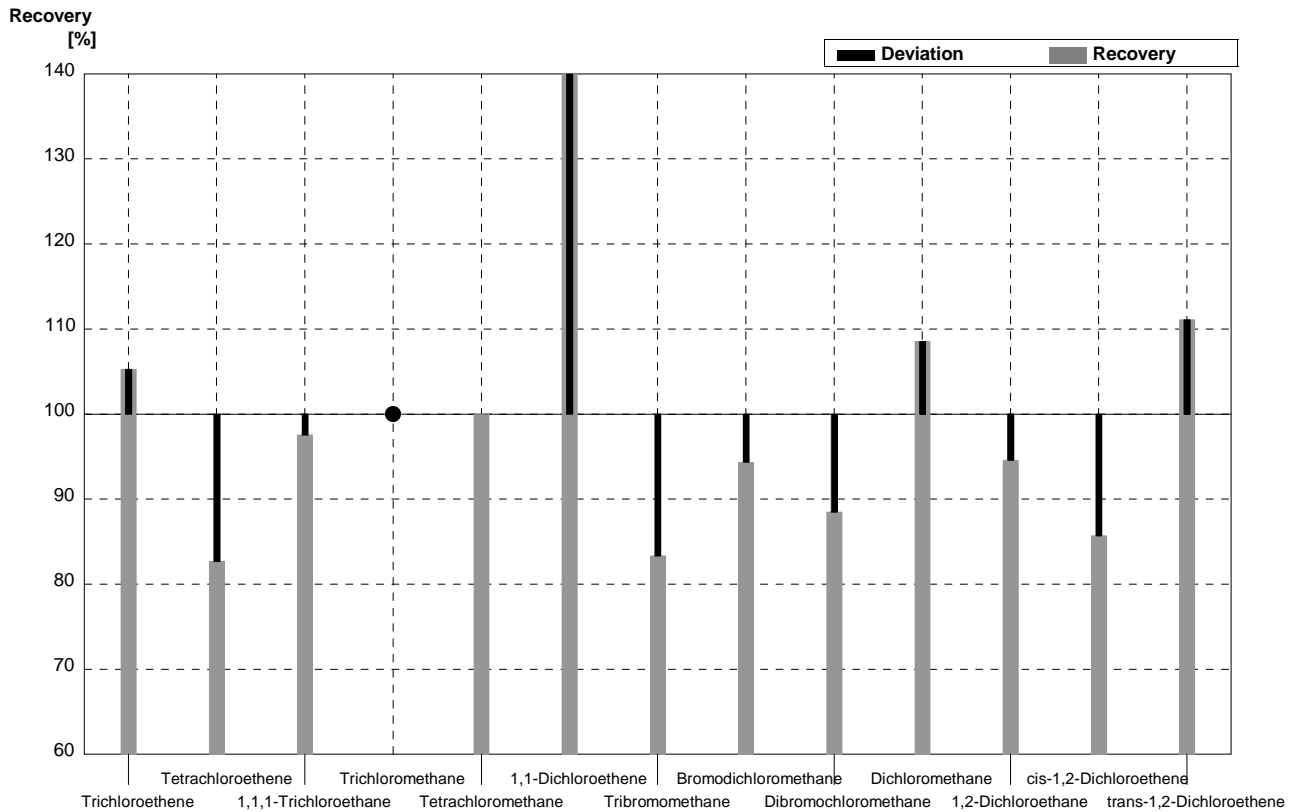
**Sample C54A**  
**Laboratory Q**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,6    | 0,29 | µg/l | 88%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,6    | 0,12 | µg/l | 94%      |
| Trichloromethane         | 0,76         | 0,04      | 0,8    | 0,14 | µg/l | 105%     |
| Tetrachloromethane       | 1,84         | 0,09      | 1,9    | 0,35 | µg/l | 103%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,8    | 0,15 | µg/l | 174%     |
| Tribromomethane          | 1,25         | 0,06      | 1,0    | 0,18 | µg/l | 80%      |
| Bromodichloromethane     | <0,06        |           | <0,1   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,4    | 0,08 | µg/l | 82%      |
| Dichloromethane          | 1,42         | 0,07      | 1,5    | 0,27 | µg/l | 106%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,0    | 0,36 | µg/l | 96%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 0,9    | 0,17 | µg/l | 83%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,1    | 0,37 | µg/l | 112%     |



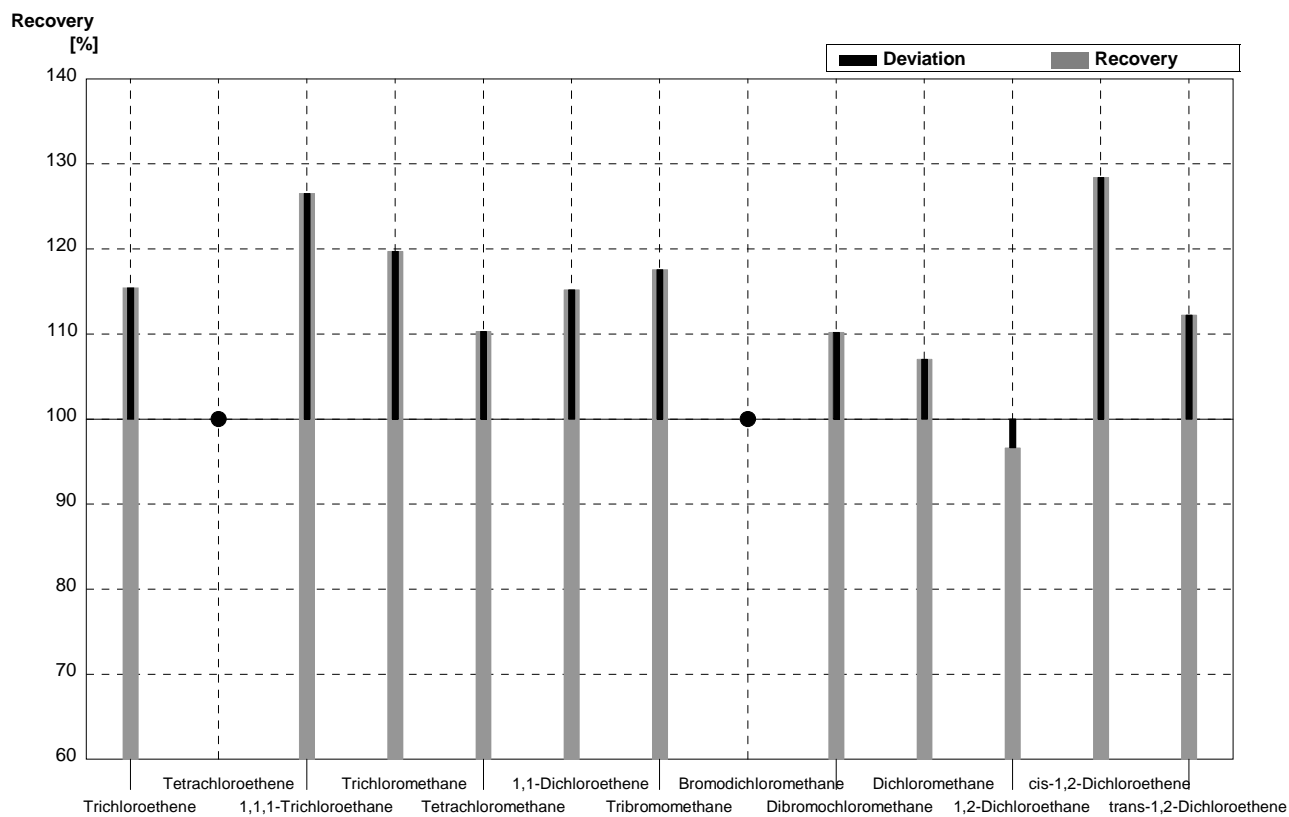
**Sample C54B**  
**Laboratory Q**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,2    | 0,05 | µg/l | 105%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,1    | 0,2  | µg/l | 83%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,4    | 0,08 | µg/l | 98%      |
| Trichloromethane         | <0,14        |           | <0,1   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,3    | 0,07 | µg/l | 100%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,6    | 0,46 | µg/l | 150%     |
| Tribromomethane          | 0,36         | 0,02      | 0,3    | 0,05 | µg/l | 83%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,5    | 0,09 | µg/l | 94%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,0    | 0,39 | µg/l | 88%      |
| Dichloromethane          | 4,33         | 0,22      | 4,7    | 0,85 | µg/l | 109%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,7    | 0,13 | µg/l | 95%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,3    | 0,06 | µg/l | 86%      |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,0    | 0,19 | µg/l | 111%     |



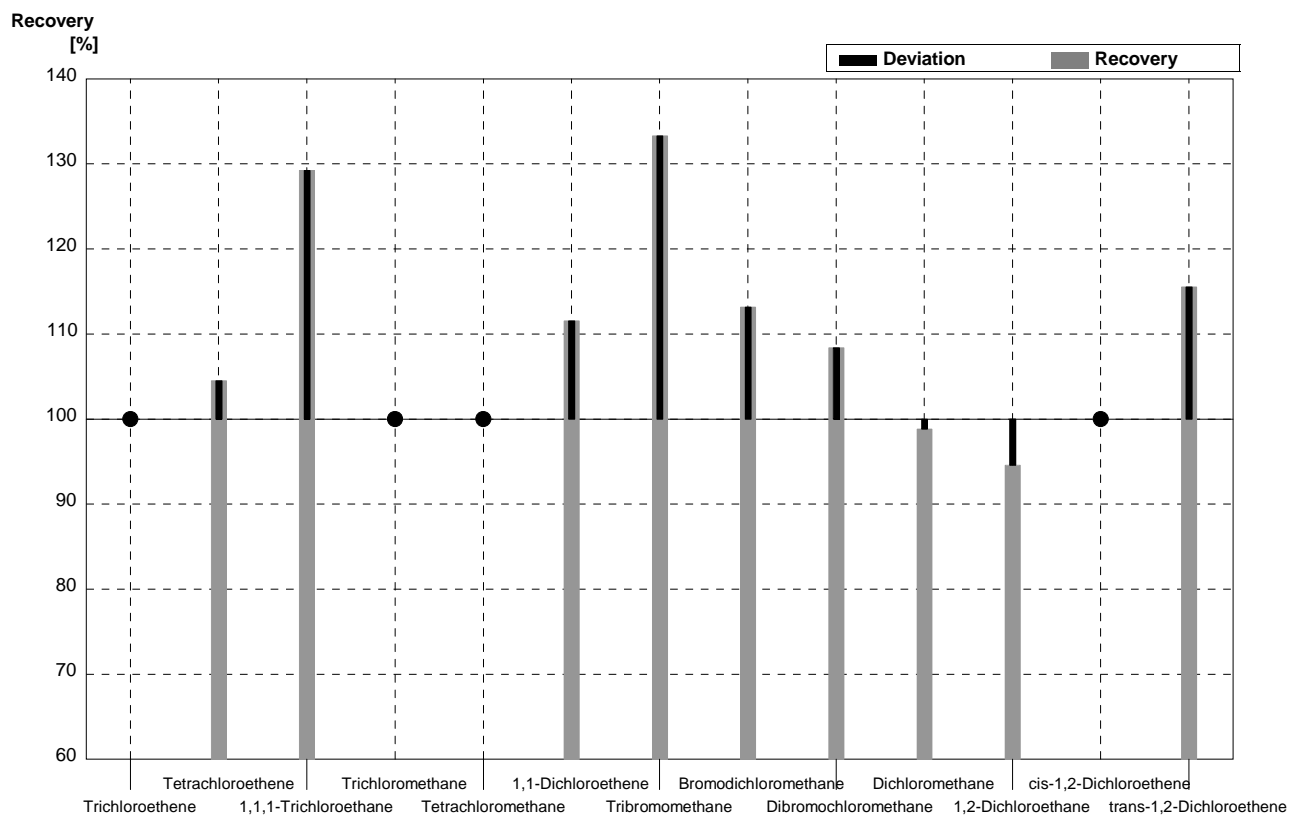
**Sample C54A**  
**Laboratory R**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 2,09   |      | µg/l | 115%     |
| Tetrachloroethene        | <0,06        |           | <0,5   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,81   | 0,02 | µg/l | 127%     |
| Trichloromethane         | 0,76         | 0,04      | 0,91   | 0,01 | µg/l | 120%     |
| Tetrachloromethane       | 1,84         | 0,09      | 2,03   | 0,03 | µg/l | 110%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,53   | 0,01 | µg/l | 115%     |
| Tribromomethane          | 1,25         | 0,06      | 1,47   | 0,01 | µg/l | 118%     |
| Bromodichloromethane     | <0,06        |           | <1,0   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,54   | 0,01 | µg/l | 110%     |
| Dichloromethane          | 1,42         | 0,07      | 1,52   | 0,01 | µg/l | 107%     |
| 1,2-Dichloroethene       | 2,09         | 0,10      | 2,02   | 0,01 | µg/l | 97%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,40   | 0,06 | µg/l | 128%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,11   | 0,02 | µg/l | 112%     |



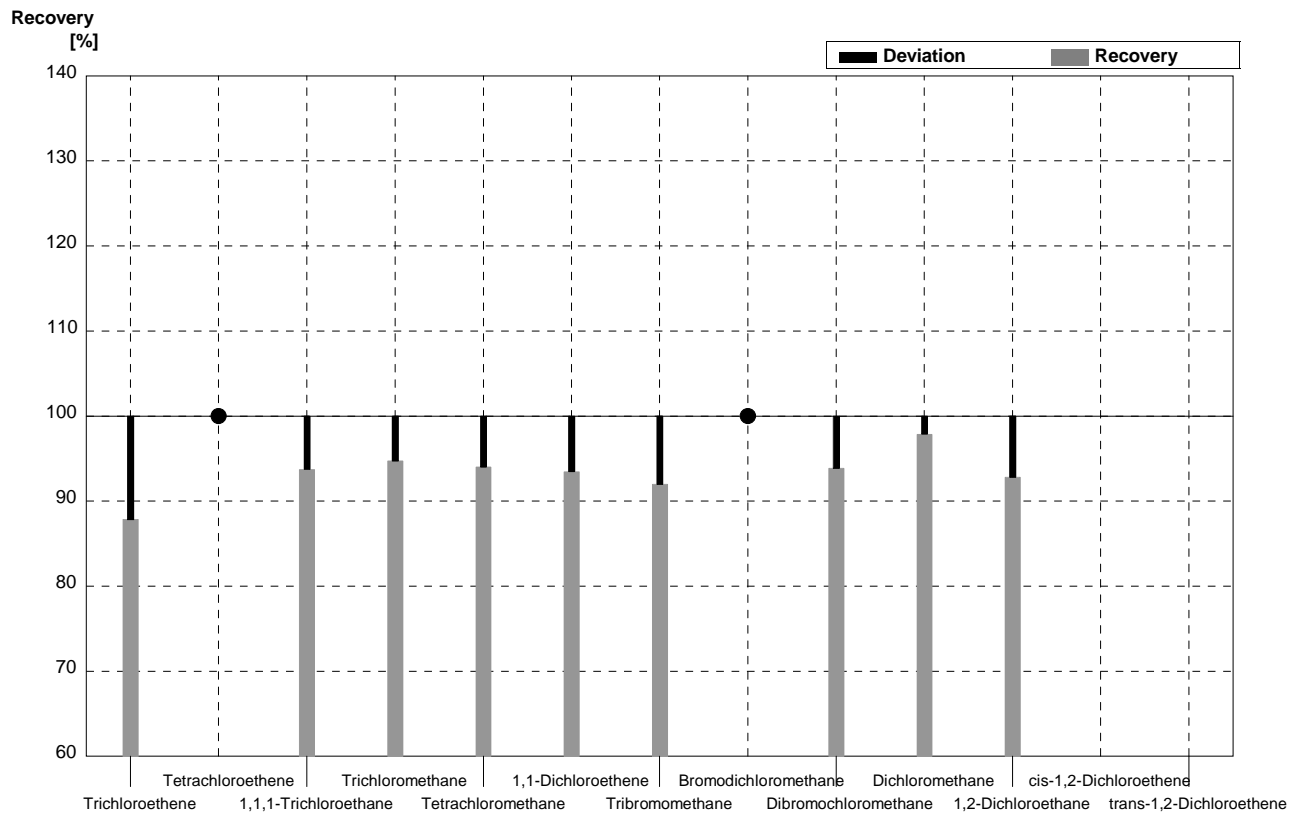
**Sample C54B**  
**Laboratory R**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | <0,5   |      | µg/l | •        |
| Tetrachloroethene        | 1,33         | 0,07      | 1,39   | 0,02 | µg/l | 105%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,53   | 0,01 | µg/l | 129%     |
| Trichloromethane         | <0,14        |           | <0,5   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | <0,5   |      | µg/l | •        |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,93   | 0,04 | µg/l | 112%     |
| Tribromomethane          | 0,36         | 0,02      | 0,48   | 0,02 | µg/l | 133%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,60   | 0,01 | µg/l | 113%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,45   | 0,03 | µg/l | 108%     |
| Dichloromethane          | 4,33         | 0,22      | 4,28   | 0,02 | µg/l | 99%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,70   | 0,02 | µg/l | 95%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <0,5   |      | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,04   | 0,03 | µg/l | 116%     |



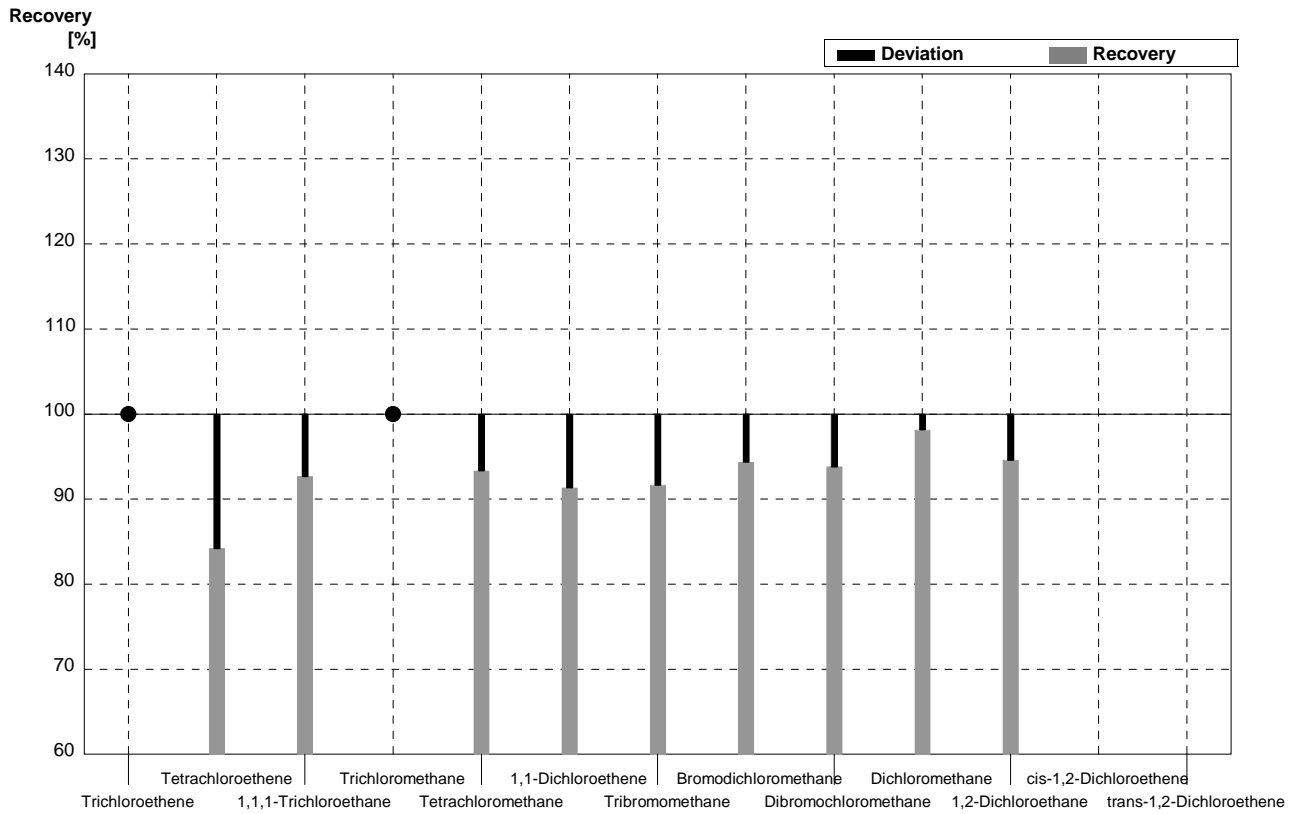
**Sample C54A**  
**Laboratory S**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,59   | 0,24 | µg/l | 88%      |
| Tetrachloroethene        | <0,06        |           | <0,2   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,60   | 0,09 | µg/l | 94%      |
| Trichloromethane         | 0,76         | 0,04      | 0,72   | 0,11 | µg/l | 95%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,73   | 0,26 | µg/l | 94%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,43   | 0,06 | µg/l | 93%      |
| Tribromomethane          | 1,25         | 0,06      | 1,15   | 0,17 | µg/l | 92%      |
| Bromodichloromethane     | <0,06        |           | <0,3   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,46   | 0,07 | µg/l | 94%      |
| Dichloromethane          | 1,42         | 0,07      | 1,39   | 0,21 | µg/l | 98%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,94   | 0,29 | µg/l | 93%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      |        |      | µg/l |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |      | µg/l |          |



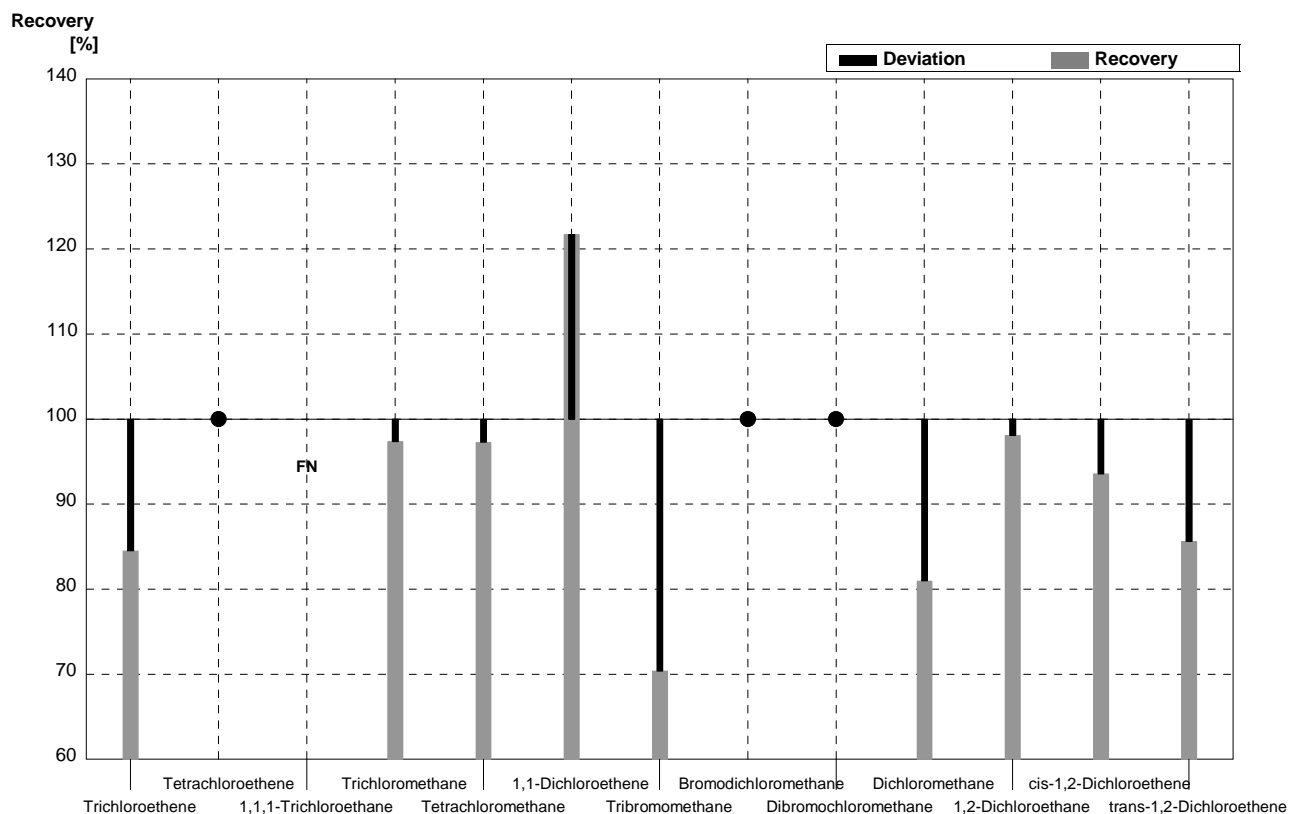
**Sample C54B**  
**Laboratory S**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | <0,3   |      | µg/l | •        |
| Tetrachloroethene        | 1,33         | 0,07      | 1,12   | 0,17 | µg/l | 84%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,38   | 0,06 | µg/l | 93%      |
| Trichloromethane         | <0,14        |           | <0,3   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,28   | 0,04 | µg/l | 93%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,58   | 0,24 | µg/l | 91%      |
| Tribromomethane          | 0,36         | 0,02      | 0,33   | 0,05 | µg/l | 92%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,50   | 0,08 | µg/l | 94%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,12   | 0,32 | µg/l | 94%      |
| Dichloromethane          | 4,33         | 0,22      | 4,25   | 0,64 | µg/l | 98%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,70   | 0,11 | µg/l | 95%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |      | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |      | µg/l |          |



**Sample C54A**  
**Laboratory T**

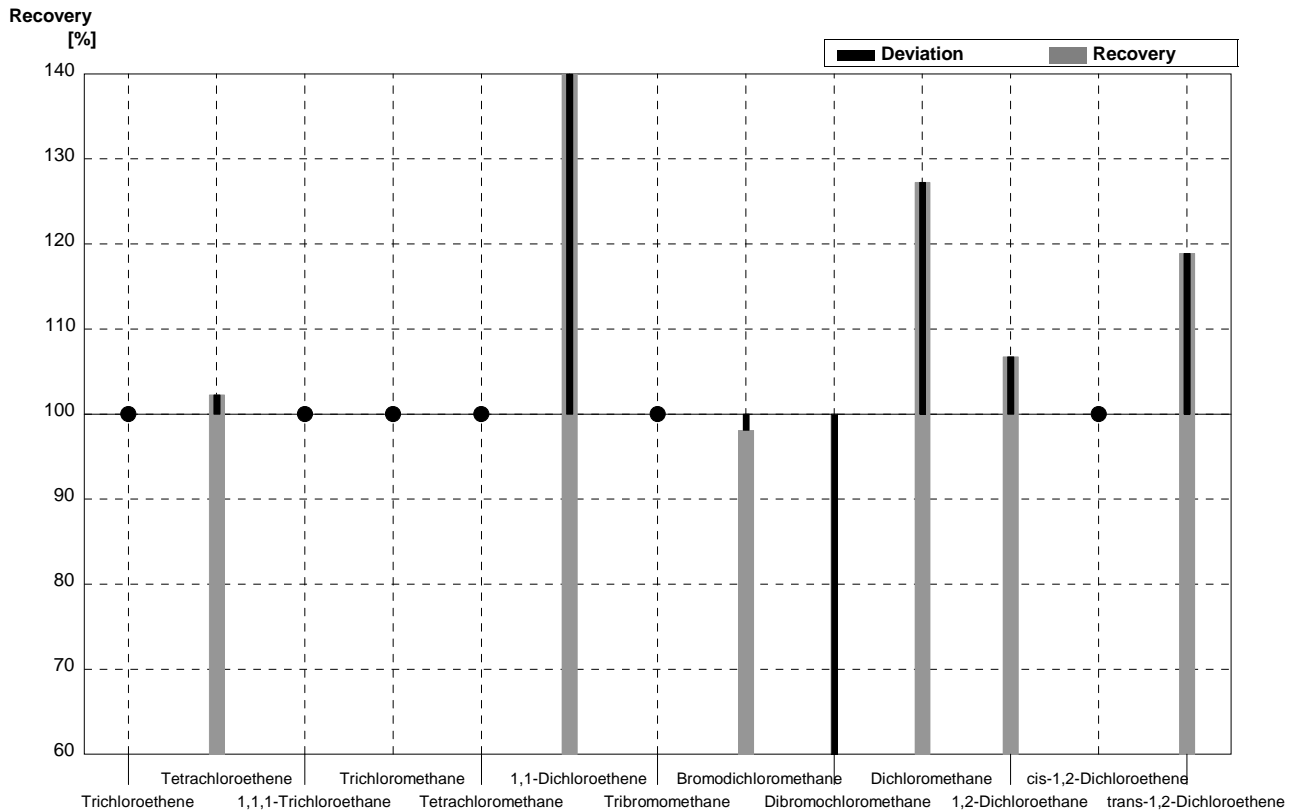
| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,53   | 0,40 | µg/l | 85%      |
| Tetrachloroethene        | <0,06        |           | <0,5   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | <0,5   |      | µg/l | FN       |
| Trichloromethane         | 0,76         | 0,04      | 0,74   | 0,14 | µg/l | 97%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,79   | 0,39 | µg/l | 97%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,56   | 0,12 | µg/l | 122%     |
| Tribromomethane          | 1,25         | 0,06      | 0,88   | 0,16 | µg/l | 70%      |
| Bromodichloromethane     | <0,06        |           | <0,5   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | <0,5   |      | µg/l | •        |
| Dichloromethane          | 1,42         | 0,07      | 1,15   | 0,25 | µg/l | 81%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,05   | 0,33 | µg/l | 98%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,02   | 0,22 | µg/l | 94%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,61   | 0,35 | µg/l | 86%      |





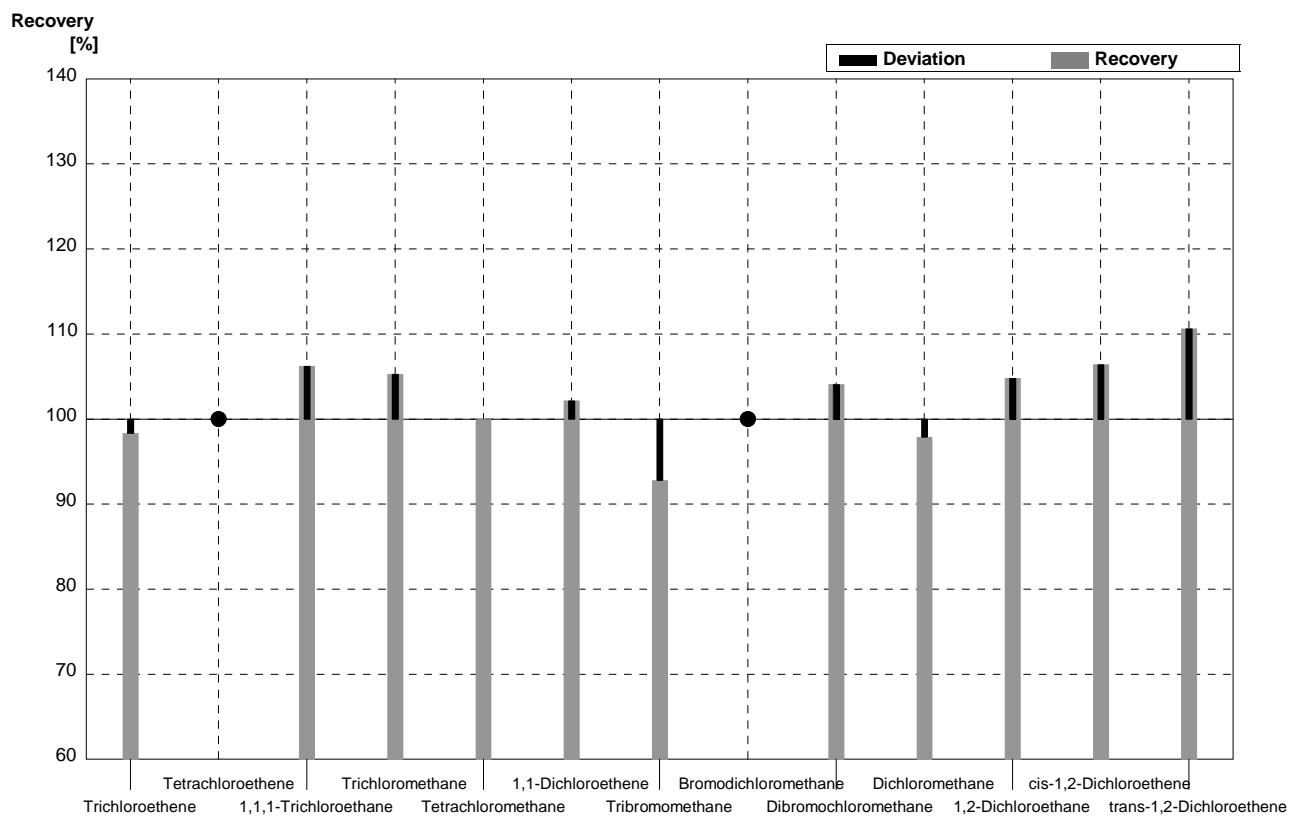
**Sample C54B**  
**Laboratory T**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | <0,5   |      | µg/l | •        |
| Tetrachloroethene        | 1,33         | 0,07      | 1,36   | 0,24 | µg/l | 102%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | <0,5   |      | µg/l | •        |
| Trichloromethane         | <0,14        |           | <0,5   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | <0,5   |      | µg/l | •        |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,85   | 0,63 | µg/l | 165%     |
| Tribromomethane          | 0,36         | 0,02      | <0,5   |      | µg/l | •        |
| Bromodichloromethane     | 0,53         | 0,03      | 0,52   | 0,90 | µg/l | 98%      |
| Dibromochloromethane     | 2,26         | 0,11      | 1,03   | 0,16 | µg/l | 46%      |
| Dichloromethane          | 4,33         | 0,22      | 5,51   | 1,21 | µg/l | 127%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,79   | 0,13 | µg/l | 107%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <0,5   |      | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,07   | 0,24 | µg/l | 119%     |



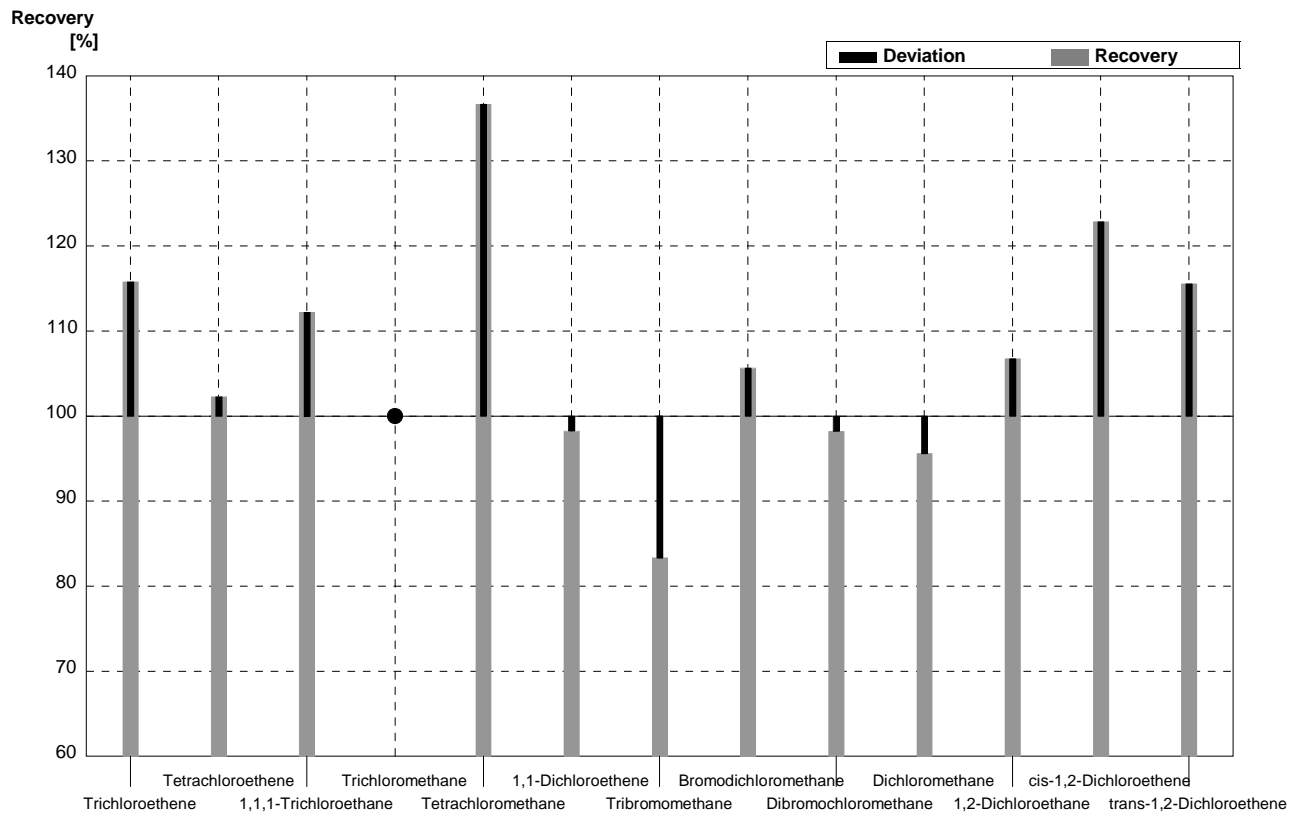
**Sample C54A**  
**Laboratory U**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,78   | 0,2  | µg/l | 98%      |
| Tetrachloroethene        | <0,06        |           | <0,03  |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,68   | 0,07 | µg/l | 106%     |
| Trichloromethane         | 0,76         | 0,04      | 0,80   | 0,08 | µg/l | 105%     |
| Tetrachloromethane       | 1,84         | 0,09      | 1,84   | 0,2  | µg/l | 100%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,47   | 0,05 | µg/l | 102%     |
| Tribromomethane          | 1,25         | 0,06      | 1,16   | 0,1  | µg/l | 93%      |
| Bromodichloromethane     | <0,06        |           | <0,03  |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,51   | 0,05 | µg/l | 104%     |
| Dichloromethane          | 1,42         | 0,07      | 1,39   | 0,1  | µg/l | 98%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,19   | 0,2  | µg/l | 105%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,16   | 0,1  | µg/l | 106%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,08   | 0,2  | µg/l | 111%     |



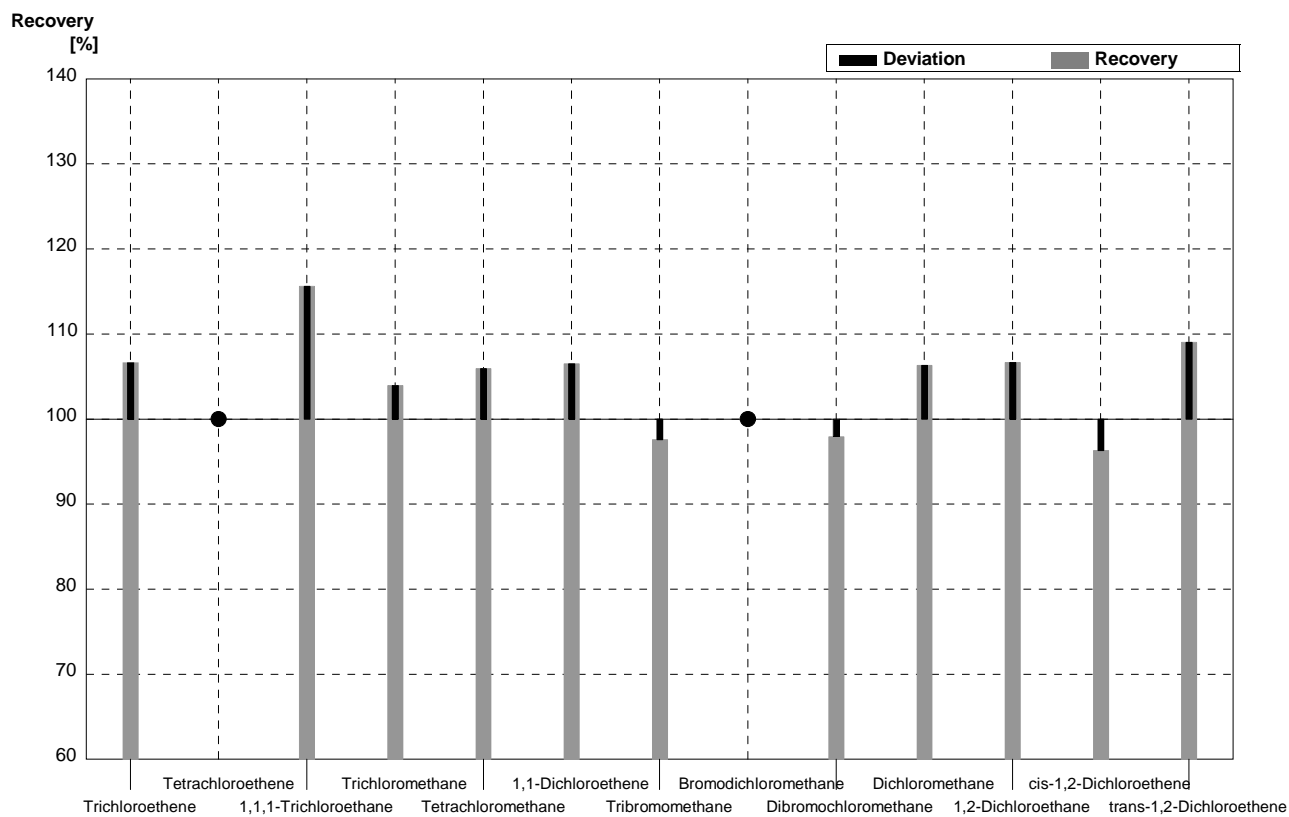
**Sample C54B**  
**Laboratory U**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,22   | 0,2  | µg/l | 116%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,36   | 0,1  | µg/l | 102%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,46   | 0,05 | µg/l | 112%     |
| Trichloromethane         | <0,14        |           | <0,03  |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,41   | 0,04 | µg/l | 137%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,70   | 0,2  | µg/l | 98%      |
| Tribromomethane          | 0,36         | 0,02      | 0,3    | 0,03 | µg/l | 83%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,56   | 0,06 | µg/l | 106%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,22   | 0,2  | µg/l | 98%      |
| Dichloromethane          | 4,33         | 0,22      | 4,14   | 0,4  | µg/l | 96%      |
| 1,2-Dichloroethene       | 0,74         | 0,04      | 0,79   | 0,08 | µg/l | 107%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,43   | 0,04 | µg/l | 123%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,04   | 0,1  | µg/l | 116%     |



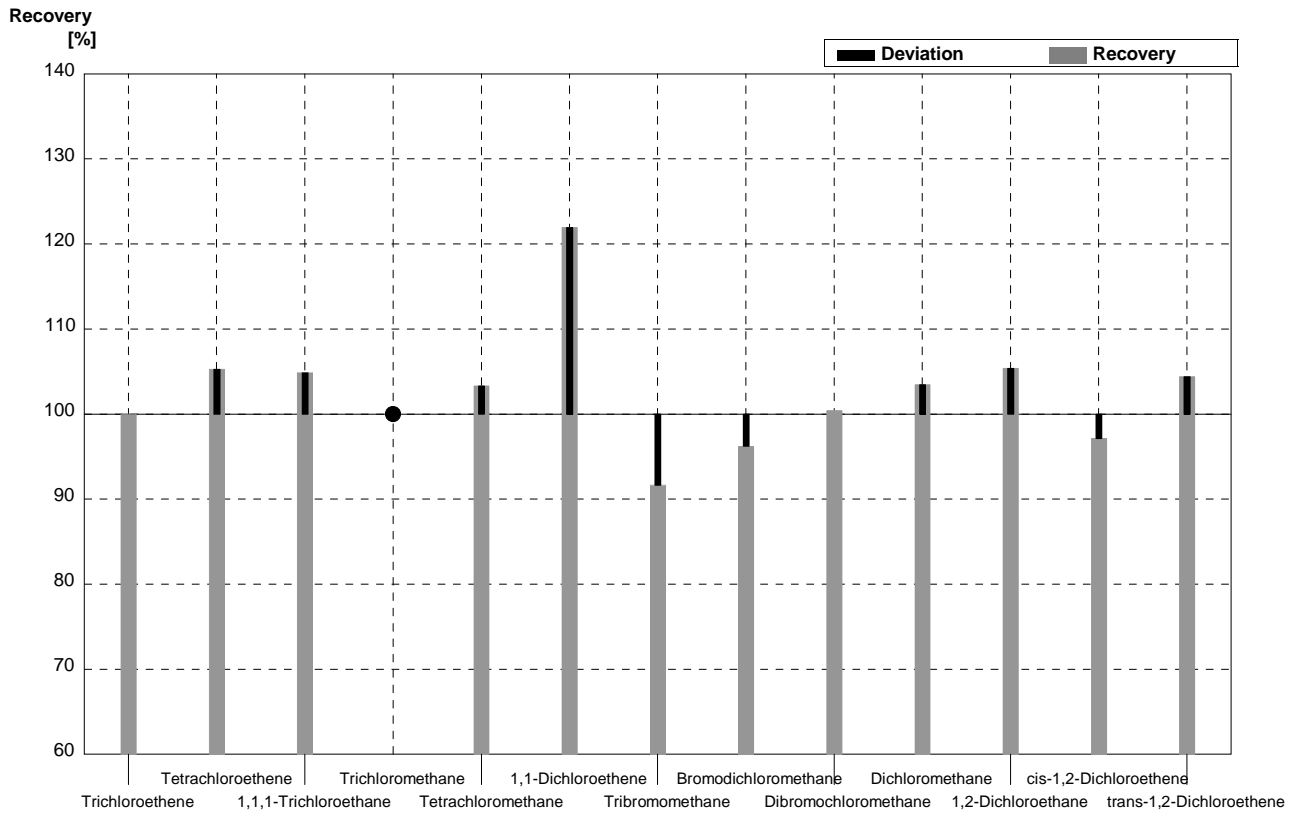
**Sample C54A**  
**Laboratory V**

| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 1,81         | 0,09          | 1,93   | 0,39  | $\mu\text{g/l}$ | 107%     |
| Tetrachloroethene        | <0,06        |               | <0,04  |       | $\mu\text{g/l}$ | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03          | 0,74   | 0,15  | $\mu\text{g/l}$ | 116%     |
| Trichloromethane         | 0,76         | 0,04          | 0,79   | 0,16  | $\mu\text{g/l}$ | 104%     |
| Tetrachloromethane       | 1,84         | 0,09          | 1,95   | 0,39  | $\mu\text{g/l}$ | 106%     |
| 1,1-Dichloroethene       | 0,46         | 0,02          | 0,49   | 0,10  | $\mu\text{g/l}$ | 107%     |
| Tribromomethane          | 1,25         | 0,06          | 1,22   | 0,24  | $\mu\text{g/l}$ | 98%      |
| Bromodichloromethane     | <0,06        |               | <0,05  |       | $\mu\text{g/l}$ | •        |
| Dibromochloromethane     | 0,49         | 0,02          | 0,48   | 0,10  | $\mu\text{g/l}$ | 98%      |
| Dichloromethane          | 1,42         | 0,07          | 1,51   | 0,30  | $\mu\text{g/l}$ | 106%     |
| 1,2-Dichloroethane       | 2,09         | 0,10          | 2,23   | 0,45  | $\mu\text{g/l}$ | 107%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05          | 1,05   | 0,21  | $\mu\text{g/l}$ | 96%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09          | 2,05   | 0,41  | $\mu\text{g/l}$ | 109%     |



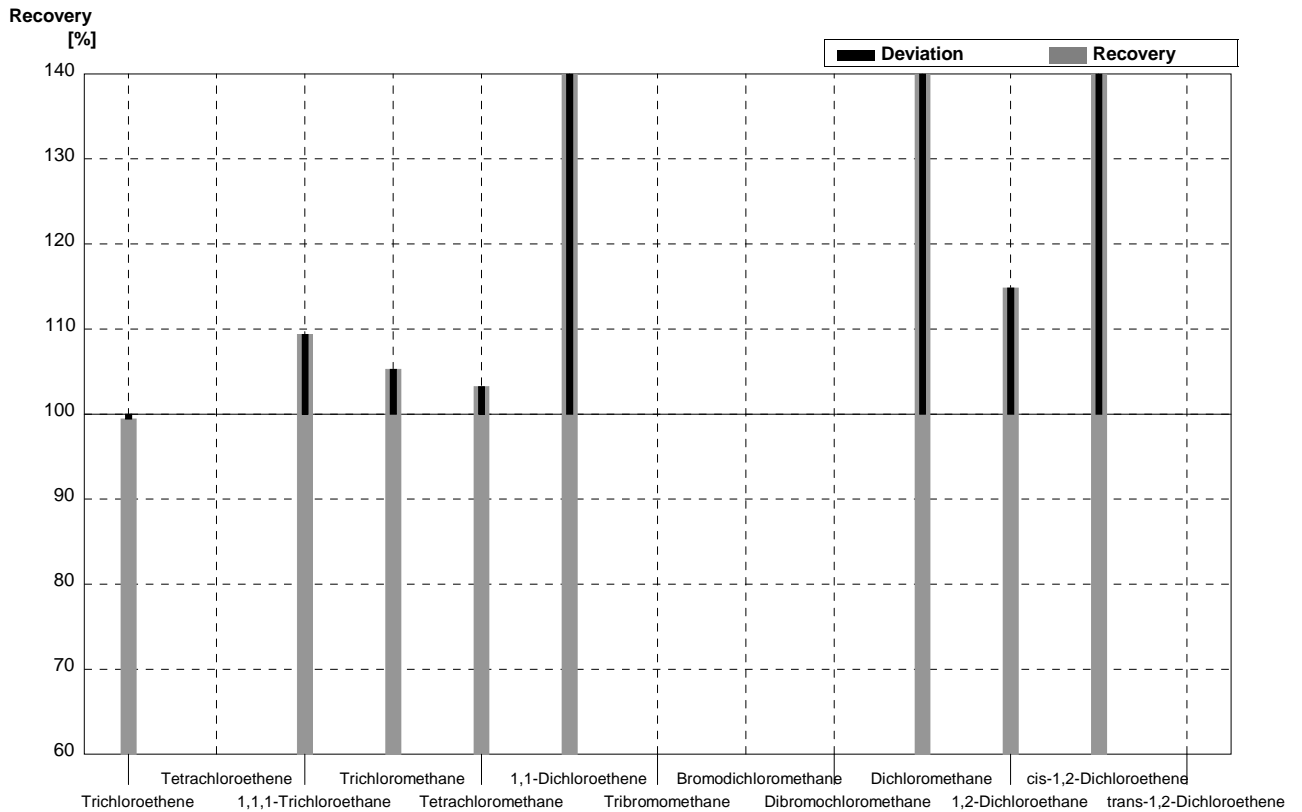
**Sample C54B**  
**Laboratory V**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,19   | 0,04 | µg/l | 100%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,40   | 0,28 | µg/l | 105%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,43   | 0,09 | µg/l | 105%     |
| Trichloromethane         | <0,14        |           | <0,06  |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,31   | 0,06 | µg/l | 103%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,11   | 0,42 | µg/l | 122%     |
| Tribromomethane          | 0,36         | 0,02      | 0,33   | 0,07 | µg/l | 92%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,51   | 0,10 | µg/l | 96%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,27   | 0,45 | µg/l | 100%     |
| Dichloromethane          | 4,33         | 0,22      | 4,48   | 0,90 | µg/l | 103%     |
| 1,2-Dichloroethene       | 0,74         | 0,04      | 0,78   | 0,16 | µg/l | 105%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,34   | 0,07 | µg/l | 97%      |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,94   | 0,19 | µg/l | 104%     |



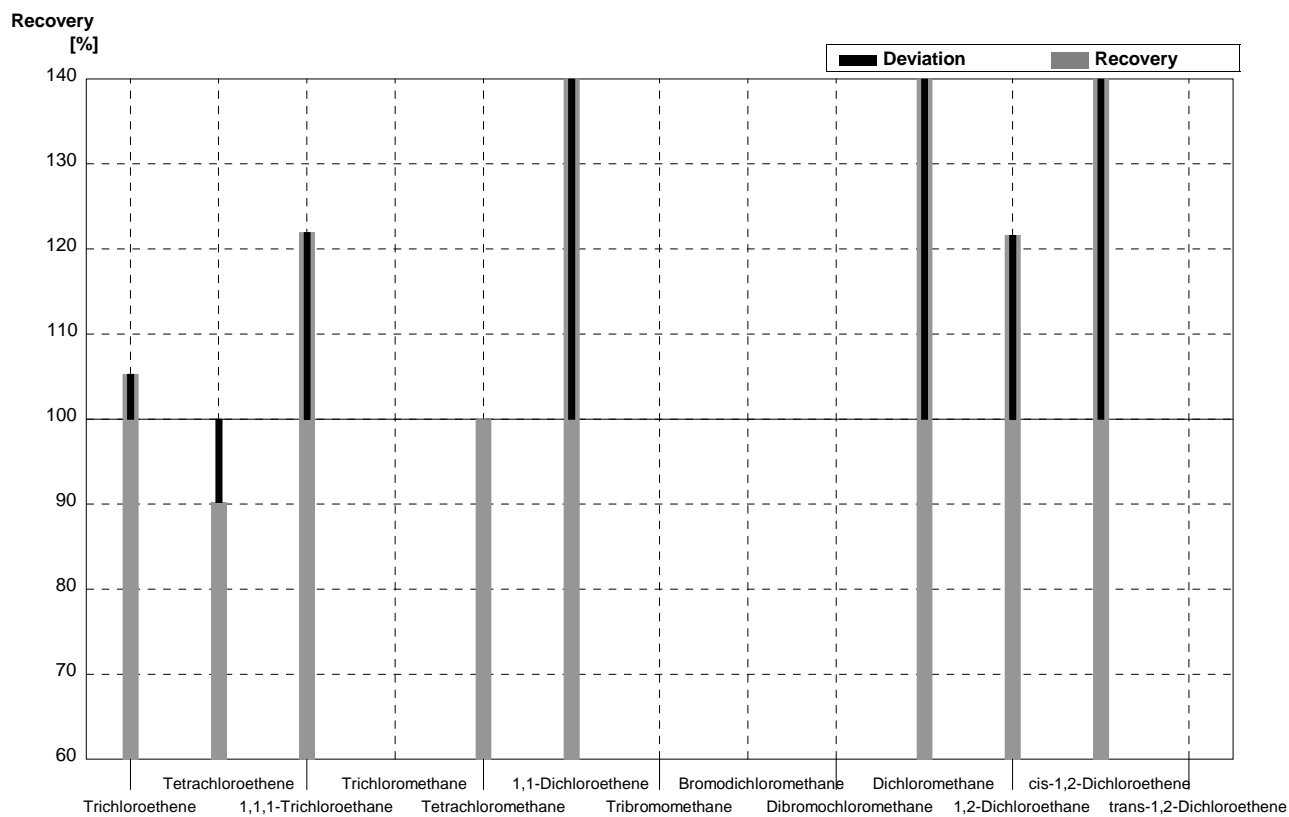
**Sample C54A**  
**Laboratory W**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,8    | 0,18 | µg/l | 99%      |
| Tetrachloroethene        | <0,06        |           | n,n.   |      | µg/l |          |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,7    | 0,07 | µg/l | 109%     |
| Trichloromethane         | 0,76         | 0,04      | 0,8    | 0,08 | µg/l | 105%     |
| Tetrachloromethane       | 1,84         | 0,09      | 1,9    | 0,19 | µg/l | 103%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 1,3    | 0,13 | µg/l | 283%     |
| Tribromomethane          | 1,25         | 0,06      |        |      | µg/l |          |
| Bromodichloromethane     | <0,06        |           |        |      | µg/l |          |
| Dibromochloromethane     | 0,49         | 0,02      |        |      | µg/l |          |
| Dichloromethane          | 1,42         | 0,07      | 2,2    | 0,22 | µg/l | 155%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,4    | 0,24 | µg/l | 115%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 3,1    | 0,31 | µg/l | 284%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |      | µg/l |          |



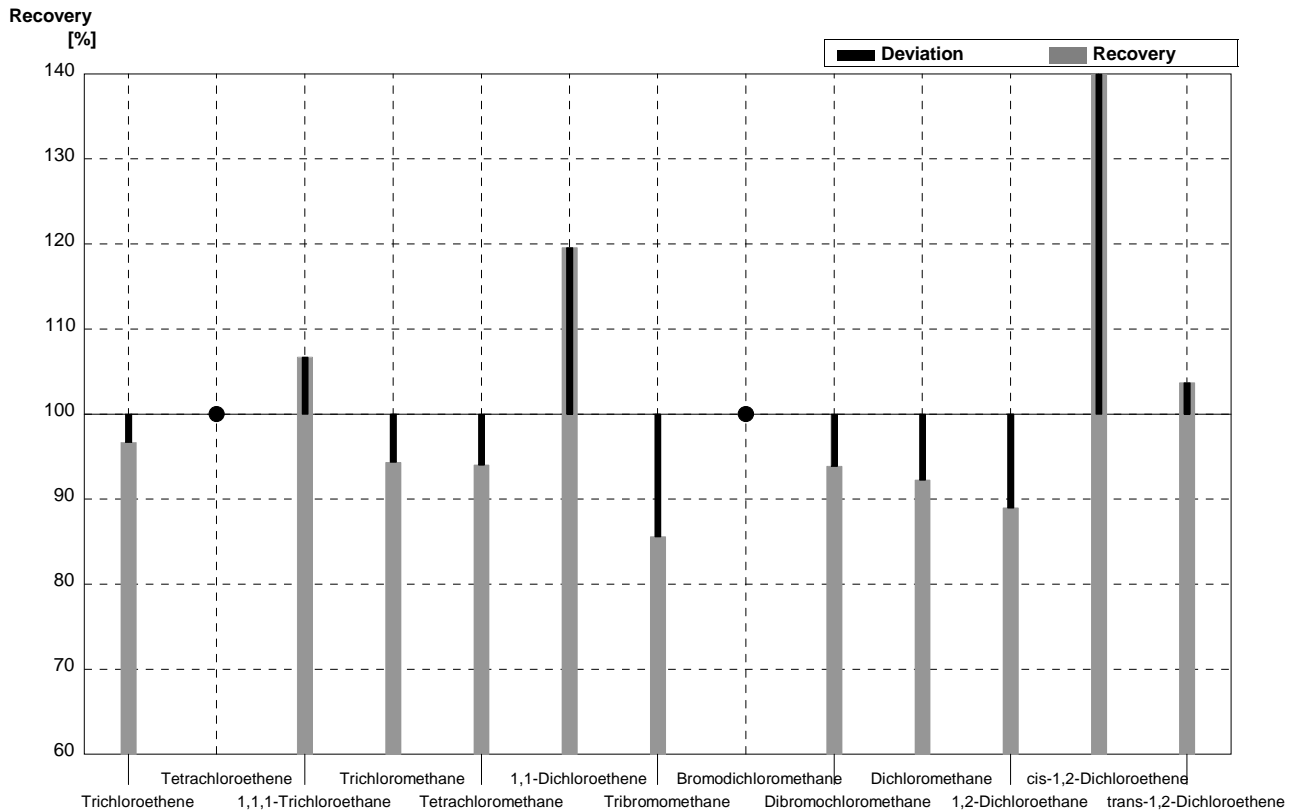
**Sample C54B**  
**Laboratory W**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,2    | 0,02 | µg/l | 105%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,2    | 0,12 | µg/l | 90%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,5    | 0,05 | µg/l | 122%     |
| Trichloromethane         | <0,14        |           | n,n.   |      | µg/l |          |
| Tetrachloromethane       | 0,30         | 0,02      | 0,3    | 0,03 | µg/l | 100%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 4,8    | 0,48 | µg/l | 277%     |
| Tribromomethane          | 0,36         | 0,02      |        |      | µg/l |          |
| Bromodichloromethane     | 0,53         | 0,03      |        |      | µg/l |          |
| Dibromochloromethane     | 2,26         | 0,11      |        |      | µg/l |          |
| Dichloromethane          | 4,33         | 0,22      | 6,1    | 0,61 | µg/l | 141%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,9    | 0,09 | µg/l | 122%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 1,7    | 0,17 | µg/l | 486%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |      | µg/l |          |



**Sample C54A**  
**Laboratory X**

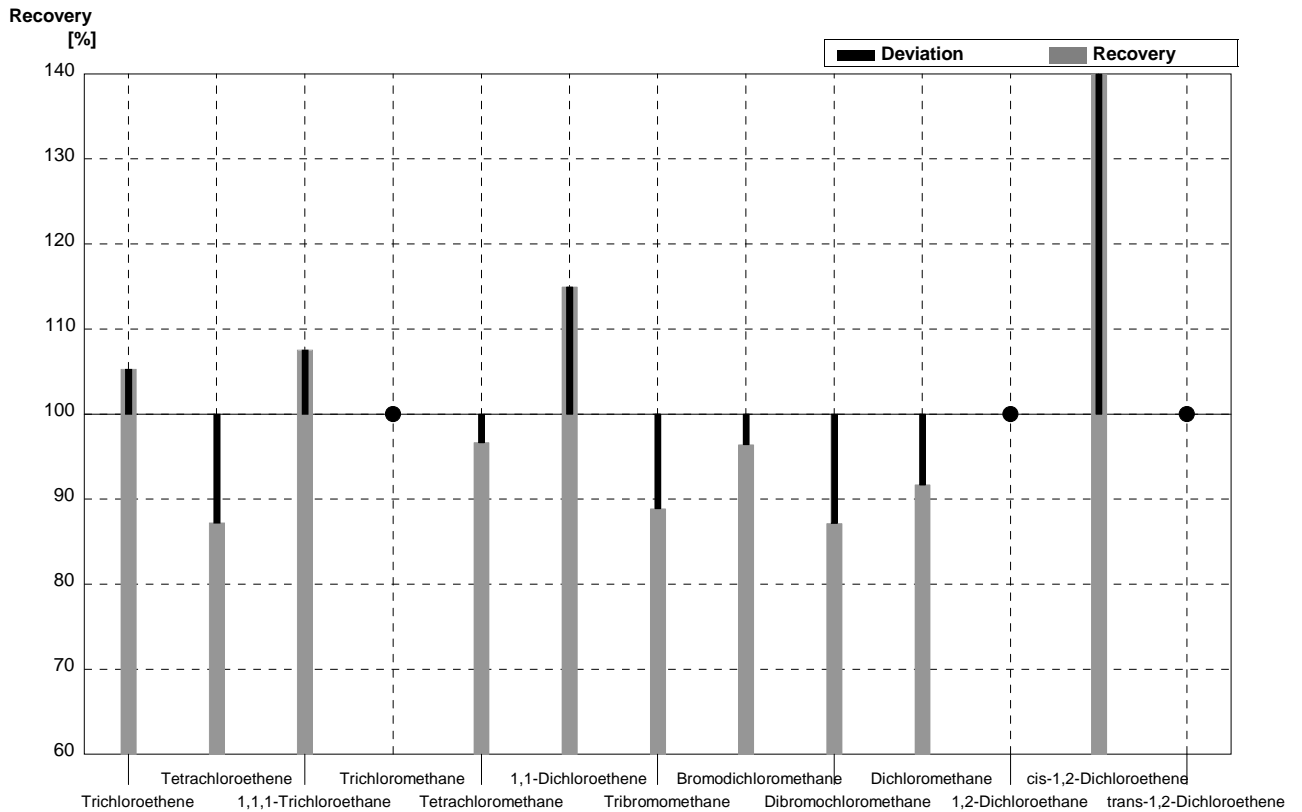
| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,75   | 0,35  | µg/l | 97%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |       | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,683  | 0,137 | µg/l | 107%     |
| Trichloromethane         | 0,76         | 0,04      | 0,717  | 0,143 | µg/l | 94%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,73   | 0,35  | µg/l | 94%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,550  | 0,110 | µg/l | 120%     |
| Tribromomethane          | 1,25         | 0,06      | 1,070  | 0,21  | µg/l | 86%      |
| Bromodichloromethane     | <0,06        |           | <0,1   |       | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,460  | 0,092 | µg/l | 94%      |
| Dichloromethane          | 1,42         | 0,07      | 1,31   | 0,26  | µg/l | 92%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,86   | 0,37  | µg/l | 89%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 3,21   | 0,64  | µg/l | 294%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,950  | 0,39  | µg/l | 104%     |





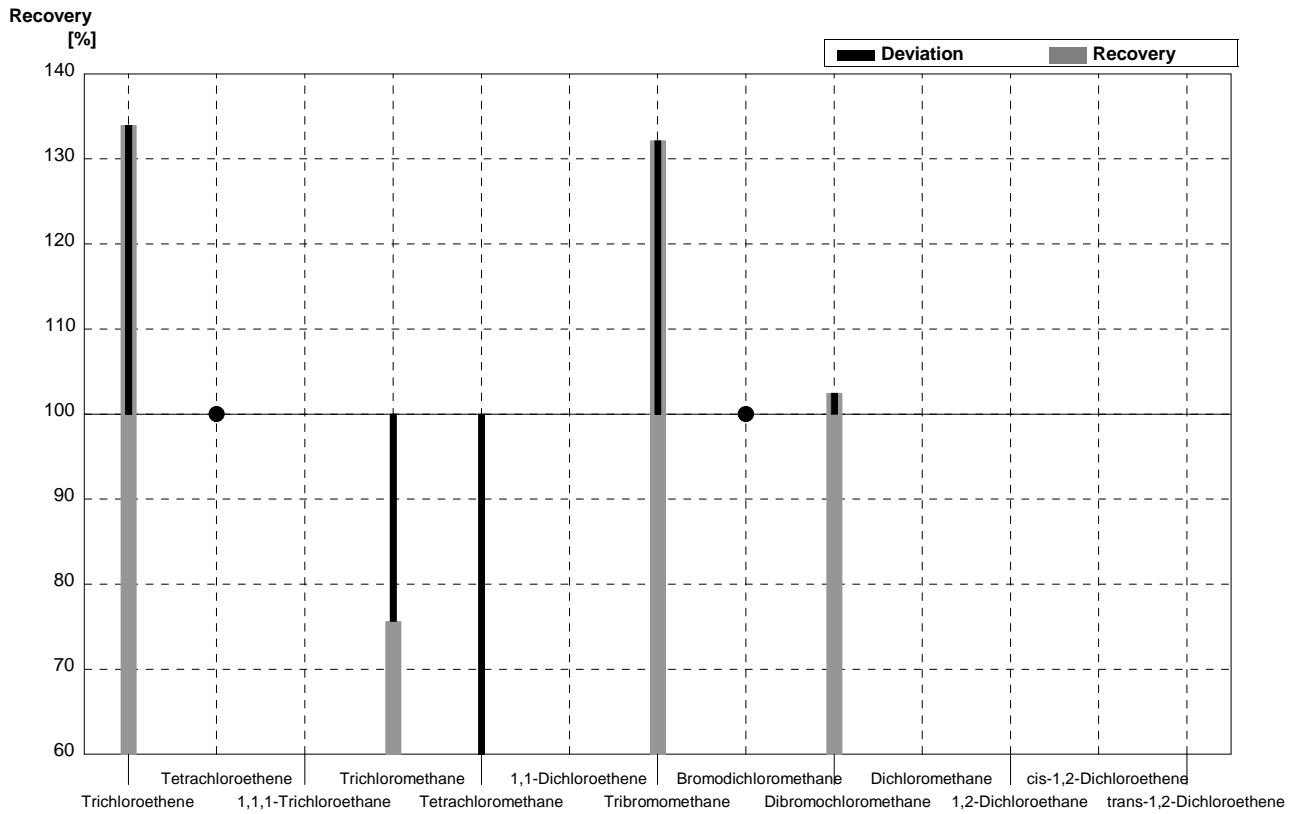
**Sample C54B**  
**Laboratory X**

| Parameter                | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|--------------------------|--------------|---------------|--------|-------|-----------------|----------|
| Trichloroethene          | 0,19         | 0,01          | 0,200  | 0,040 | $\mu\text{g/l}$ | 105%     |
| Tetrachloroethene        | 1,33         | 0,07          | 1,16   | 0,23  | $\mu\text{g/l}$ | 87%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02          | 0,441  | 0,088 | $\mu\text{g/l}$ | 108%     |
| Trichloromethane         | <0,14        |               | <0,1   |       | $\mu\text{g/l}$ | •        |
| Tetrachloromethane       | 0,30         | 0,02          | 0,290  | 0,058 | $\mu\text{g/l}$ | 97%      |
| 1,1-Dichloroethene       | 1,73         | 0,09          | 1,989  | 0,40  | $\mu\text{g/l}$ | 115%     |
| Tribromomethane          | 0,36         | 0,02          | 0,320  | 0,064 | $\mu\text{g/l}$ | 89%      |
| Bromodichloromethane     | 0,53         | 0,03          | 0,511  | 0,102 | $\mu\text{g/l}$ | 96%      |
| Dibromochloromethane     | 2,26         | 0,11          | 1,97   | 0,39  | $\mu\text{g/l}$ | 87%      |
| Dichloromethane          | 4,33         | 0,22          | 3,97   | 0,79  | $\mu\text{g/l}$ | 92%      |
| 1,2-Dichloroethane       | 0,74         | 0,04          | <1     |       | $\mu\text{g/l}$ | •        |
| cis-1,2-Dichloroethene   | 0,35         | 0,02          | 1,84   | 0,37  | $\mu\text{g/l}$ | 526%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05          | <1     |       | $\mu\text{g/l}$ | •        |



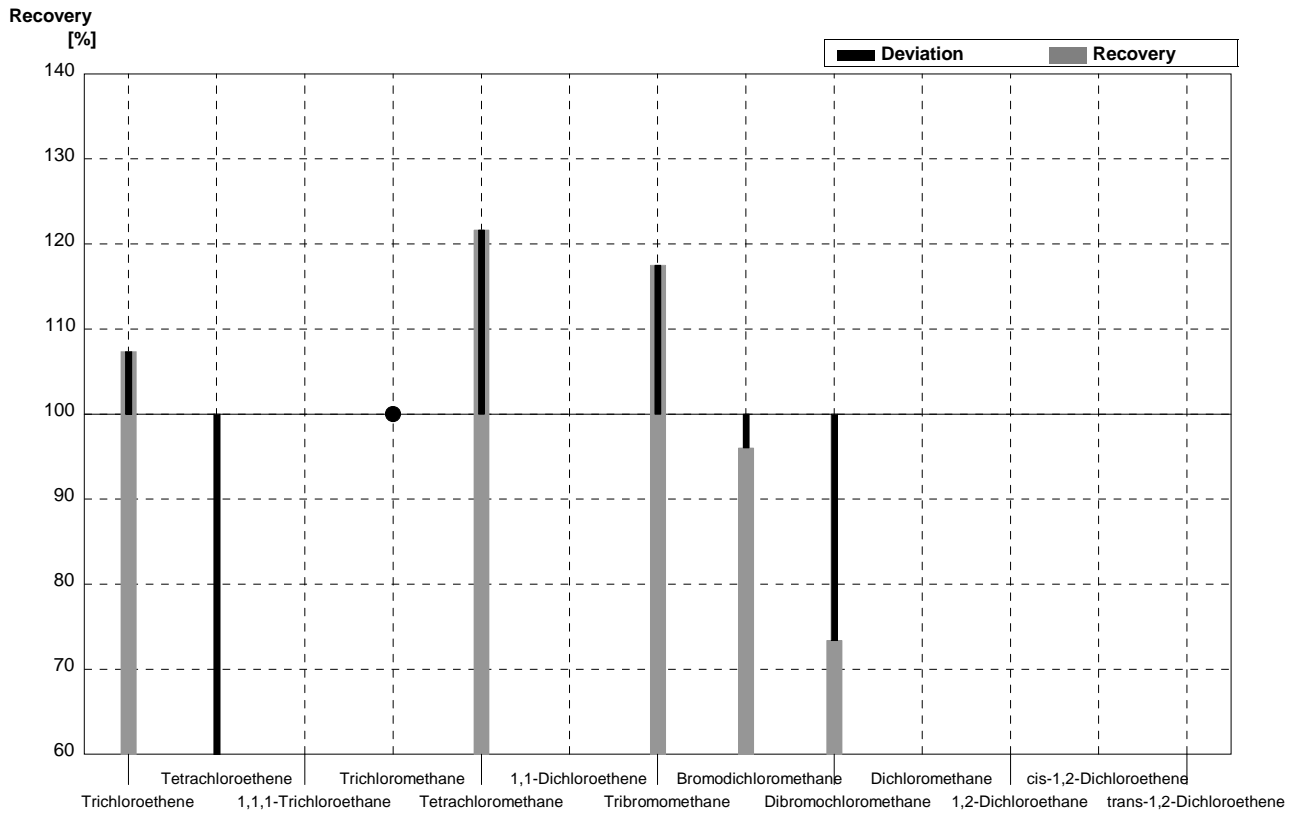
**Sample C54A**  
**Laboratory Y**

| Parameter                | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|--------------------------|--------------|-----------|--------|---|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 2,425  |   | µg/l | 134%     |
| Tetrachloroethene        | <0,06        |           | <0,124 |   | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      |        |   | µg/l |          |
| Trichloromethane         | 0,76         | 0,04      | 0,575  |   | µg/l | 76%      |
| Tetrachloromethane       | 1,84         | 0,09      | 0,716  |   | µg/l | 39%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      |        |   | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 1,652  |   | µg/l | 132%     |
| Bromodichloromethane     | <0,06        |           | <0,131 |   | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,502  |   | µg/l | 102%     |
| Dichloromethane          | 1,42         | 0,07      |        |   | µg/l |          |
| 1,2-Dichloroethane       | 2,09         | 0,10      |        |   | µg/l |          |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      |        |   | µg/l |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09      |        |   | µg/l |          |



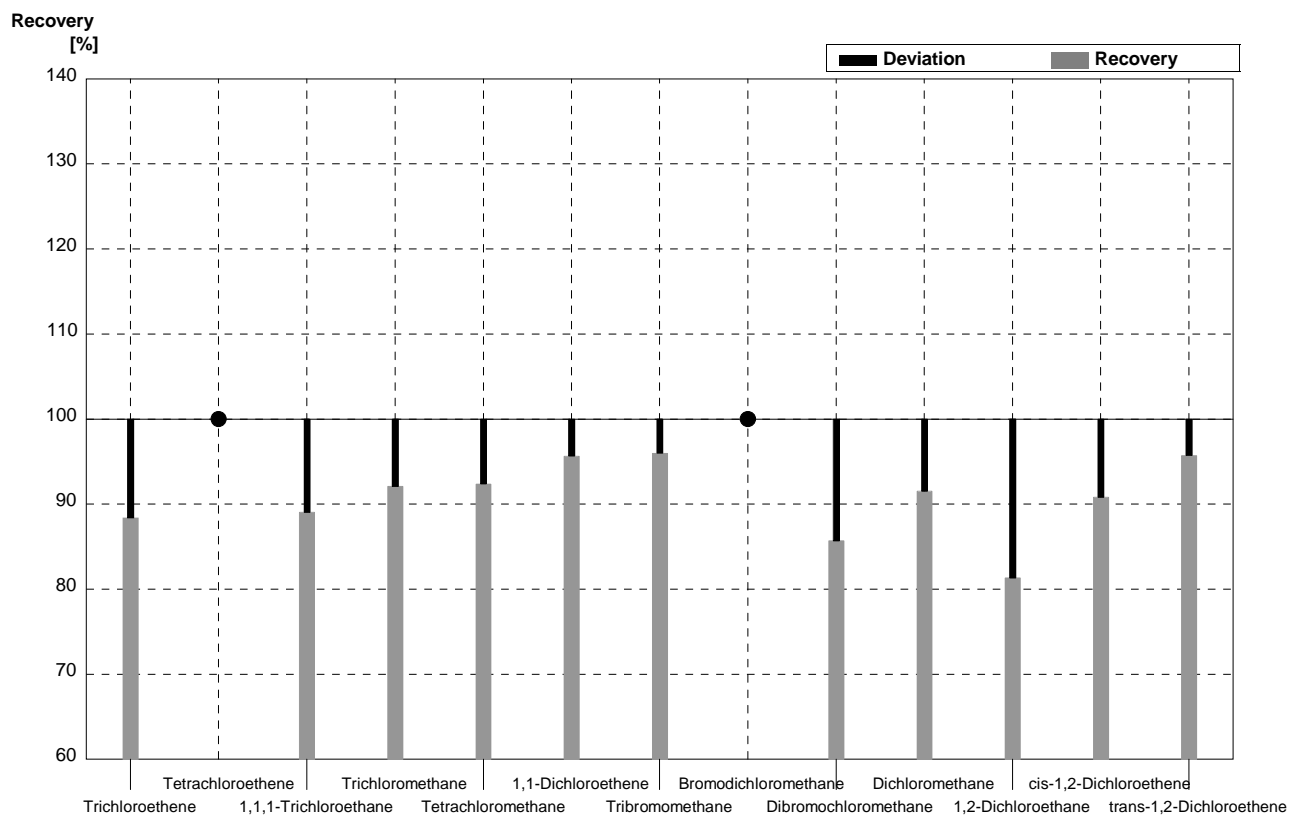
**Sample C54B**  
**Laboratory Y**

| Parameter                | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|--------------------------|--------------|-----------|--------|---|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,204  |   | µg/l | 107%     |
| Tetrachloroethene        | 1,33         | 0,07      | 0,353  |   | µg/l | 27%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      |        |   | µg/l |          |
| Trichloromethane         | <0,14        |           | <0,162 |   | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,365  |   | µg/l | 122%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      |        |   | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | 0,423  |   | µg/l | 118%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,509  |   | µg/l | 96%      |
| Dibromochloromethane     | 2,26         | 0,11      | 1,659  |   | µg/l | 73%      |
| Dichloromethane          | 4,33         | 0,22      |        |   | µg/l |          |
| 1,2-Dichloroethane       | 0,74         | 0,04      |        |   | µg/l |          |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      |        |   | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      |        |   | µg/l |          |



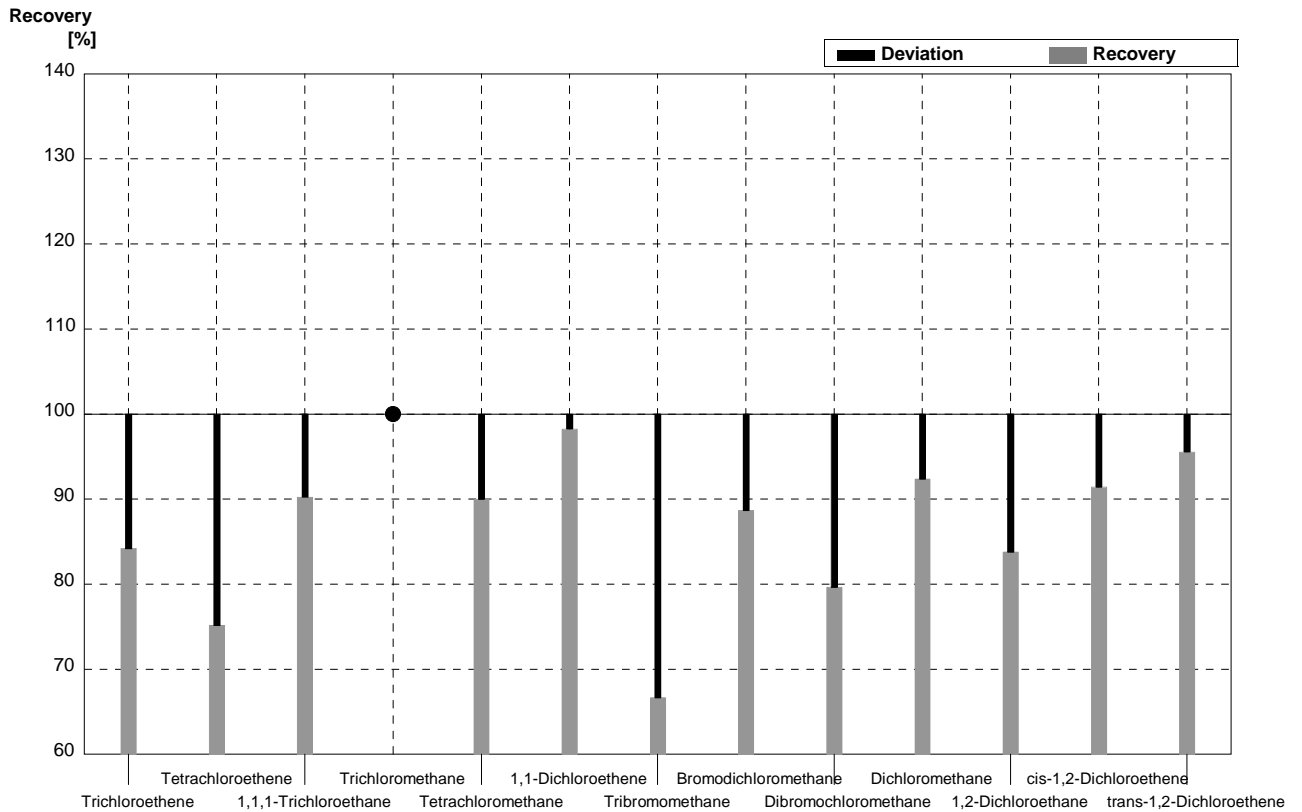
**Sample C54A**  
**Laboratory Z**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,6    | 0,10 | µg/l | 88%      |
| Tetrachloroethene        | <0,06        |           | <0,13  |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,57   | 0,02 | µg/l | 89%      |
| Trichloromethane         | 0,76         | 0,04      | 0,70   | 0,03 | µg/l | 92%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,7    | 0,04 | µg/l | 92%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,44   | 0,03 | µg/l | 96%      |
| Tribromomethane          | 1,25         | 0,06      | 1,2    | 0,05 | µg/l | 96%      |
| Bromodichloromethane     | <0,06        |           | <0,2   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,42   | 0,02 | µg/l | 86%      |
| Dichloromethane          | 1,42         | 0,07      | 1,3    | 0,04 | µg/l | 92%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,7    | 0,12 | µg/l | 81%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 0,99   | 0,06 | µg/l | 91%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,8    | 0,13 | µg/l | 96%      |



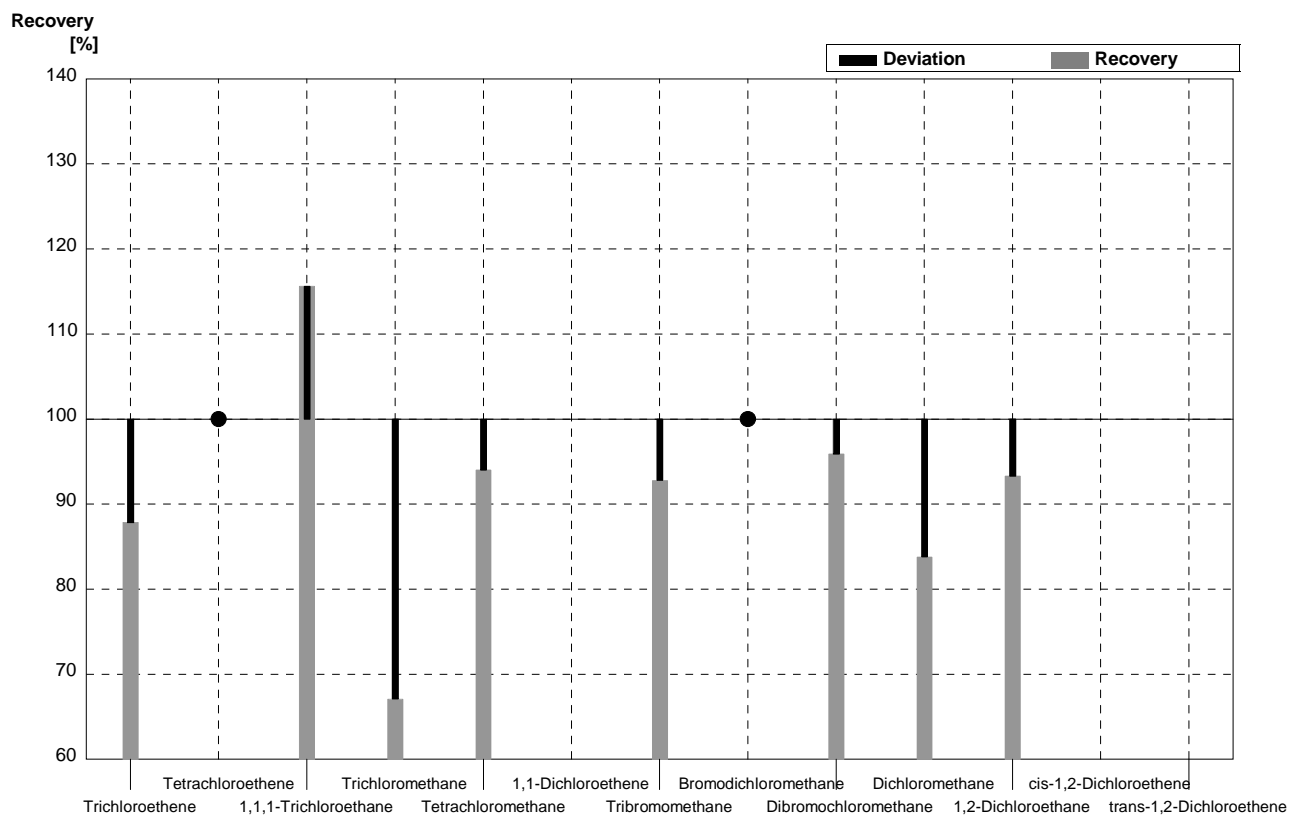
**Sample C54B**  
**Laboratory Z**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,16   | 0,01 | µg/l | 84%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,0    | 0,07 | µg/l | 75%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,37   | 0,01 | µg/l | 90%      |
| Trichloromethane         | <0,14        |           | <0,15  |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,27   | 0,01 | µg/l | 90%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,7    | 0,11 | µg/l | 98%      |
| Tribromomethane          | 0,36         | 0,02      | 0,24   | 0,01 | µg/l | 67%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,47   | 0,03 | µg/l | 89%      |
| Dibromochloromethane     | 2,26         | 0,11      | 1,8    | 0,11 | µg/l | 80%      |
| Dichloromethane          | 4,33         | 0,22      | 4,0    | 0,13 | µg/l | 92%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,62   | 0,04 | µg/l | 84%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,32   | 0,02 | µg/l | 91%      |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,86   | 0,06 | µg/l | 96%      |



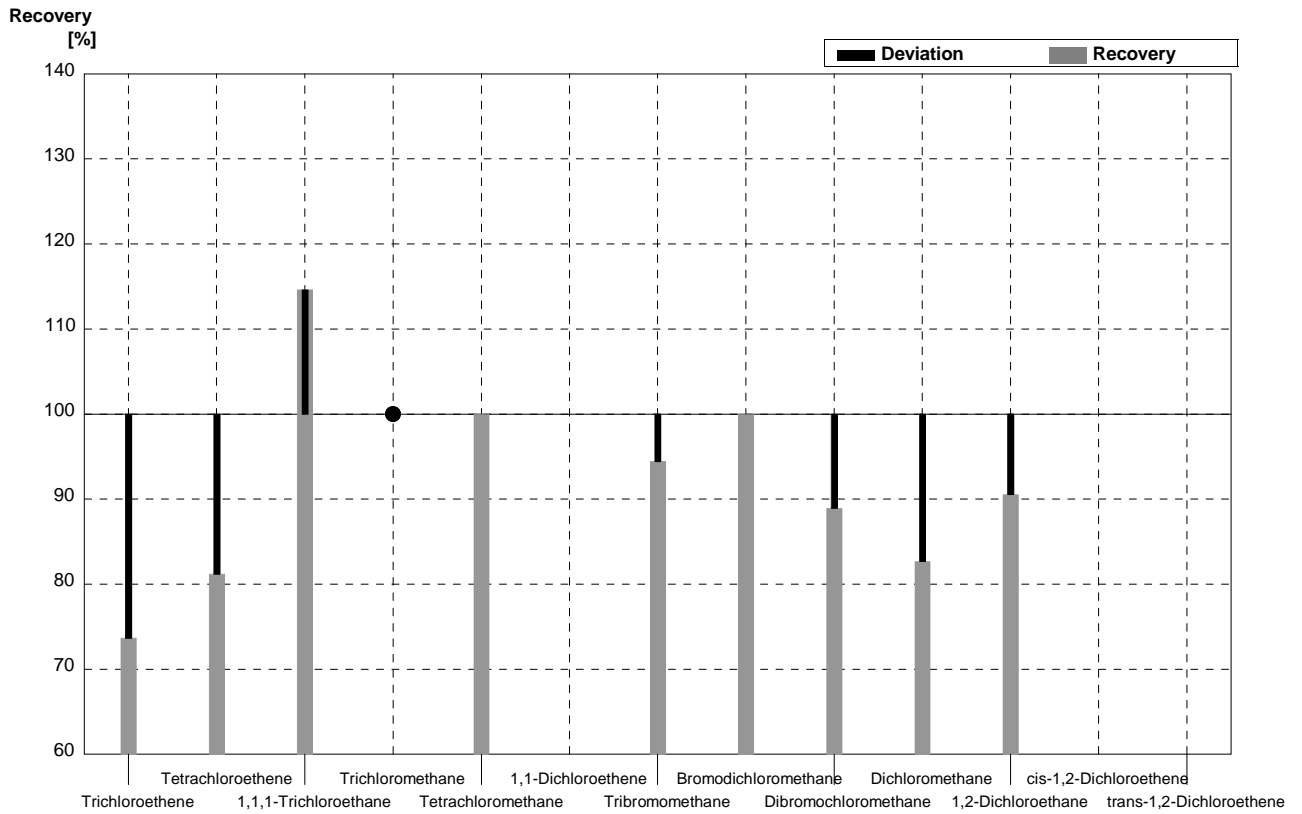
**Sample C54A**  
**Laboratory AA**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,59   | 0,15 | µg/l | 88%      |
| Tetrachloroethene        | <0,06        |           | <0,10  |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,74   | 0,15 | µg/l | 116%     |
| Trichloromethane         | 0,76         | 0,04      | 0,51   | 0,10 | µg/l | 67%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,73   | 0,15 | µg/l | 94%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | n.a.   |      | µg/l |          |
| Tribromomethane          | 1,25         | 0,06      | 1,16   | 0,15 | µg/l | 93%      |
| Bromodichloromethane     | <0,06        |           | <0,10  |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,47   | 0,10 | µg/l | 96%      |
| Dichloromethane          | 1,42         | 0,07      | 1,19   | 0,15 | µg/l | 84%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,95   | 0,20 | µg/l | 93%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | n.a.   |      | µg/l |          |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | n.a.   |      | µg/l |          |



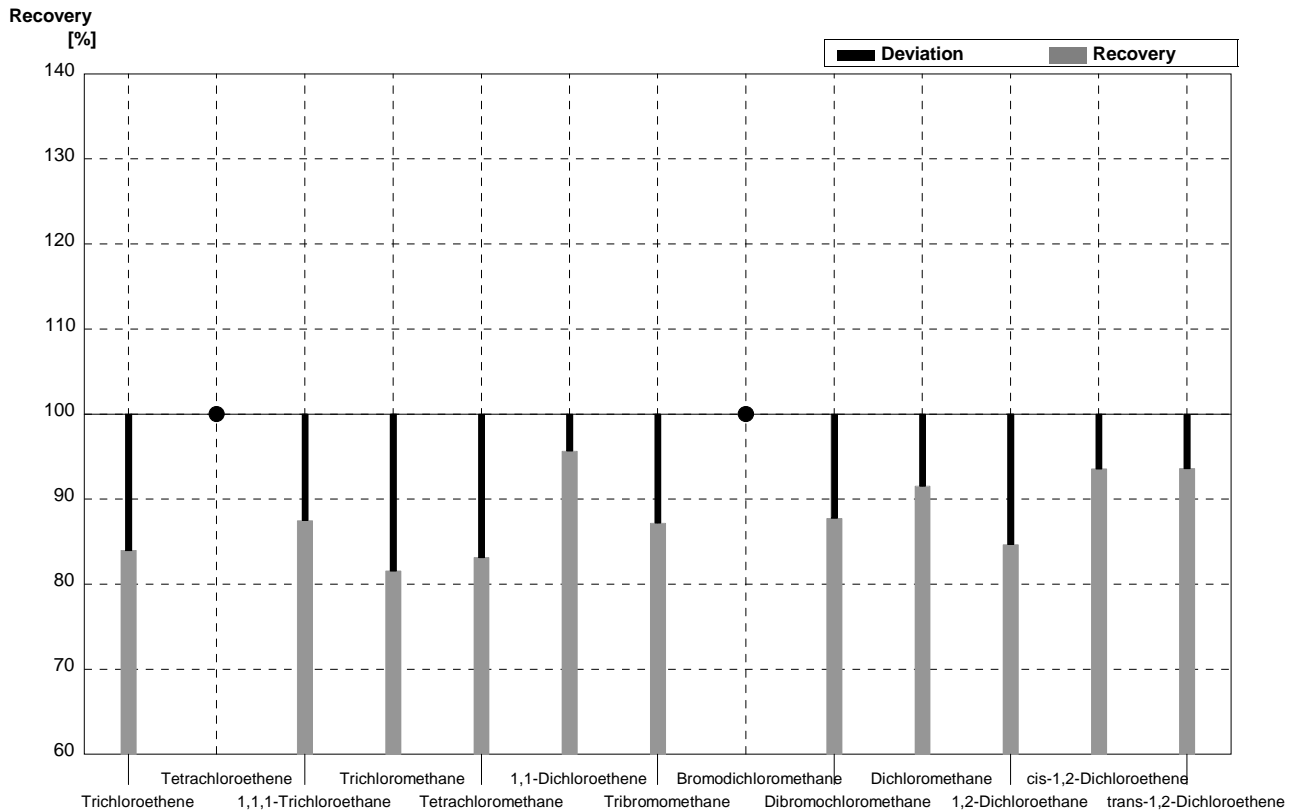
**Sample C54B**  
**Laboratory AA**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,14   | 0,07 | µg/l | 74%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,08   | 0,15 | µg/l | 81%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,47   | 0,10 | µg/l | 115%     |
| Trichloromethane         | <0,14        |           | <0,10  |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,30   | 0,10 | µg/l | 100%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | n.a.   |      | µg/l |          |
| Tribromomethane          | 0,36         | 0,02      | 0,34   | 0,15 | µg/l | 94%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,53   | 0,10 | µg/l | 100%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,01   | 0,20 | µg/l | 89%      |
| Dichloromethane          | 4,33         | 0,22      | 3,58   | 0,35 | µg/l | 83%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,67   | 0,15 | µg/l | 91%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | n.a.   |      | µg/l |          |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | n.a.   |      | µg/l |          |



**Sample C54A**  
**Laboratory AB**

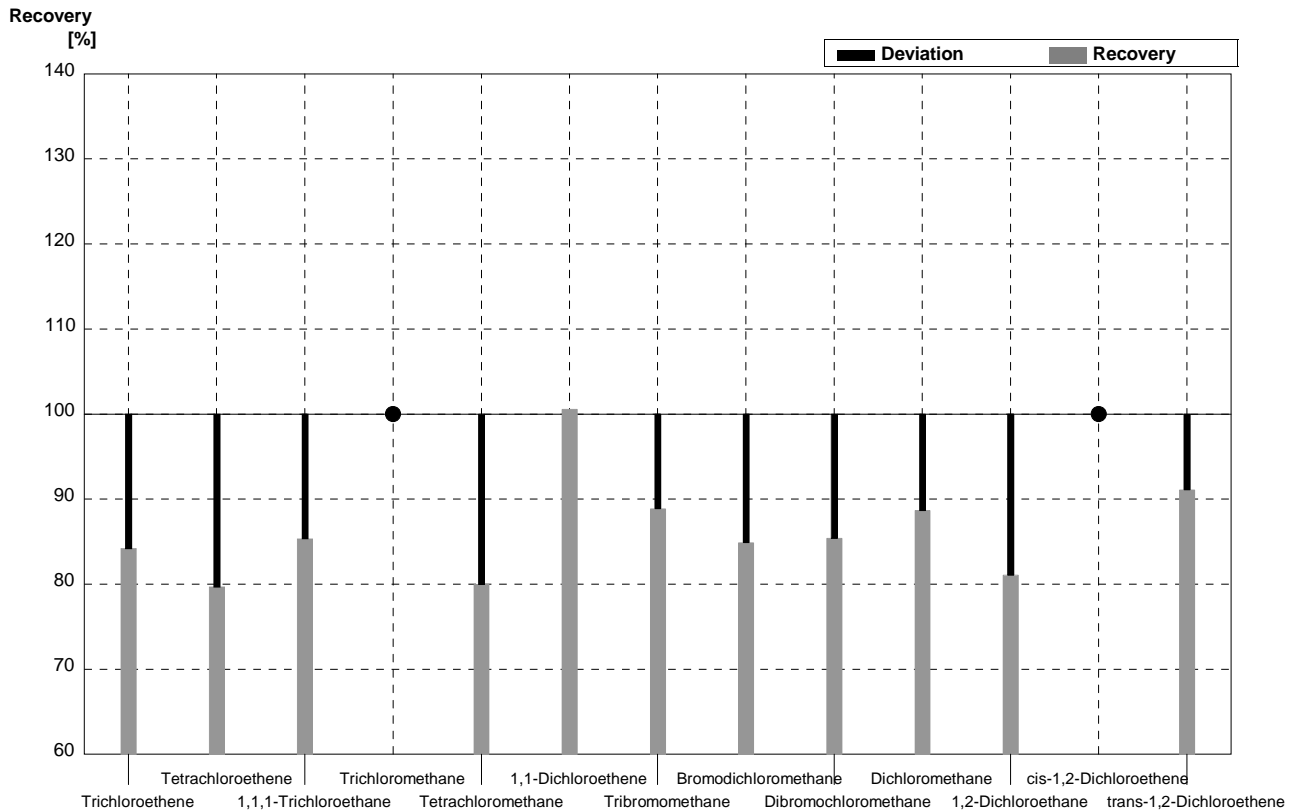
| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,52   | 0,23 | µg/l | 84%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,56   | 0,08 | µg/l | 88%      |
| Trichloromethane         | 0,76         | 0,04      | 0,62   | 0,09 | µg/l | 82%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,53   | 0,23 | µg/l | 83%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,44   | 0,07 | µg/l | 96%      |
| Tribromomethane          | 1,25         | 0,06      | 1,09   | 0,16 | µg/l | 87%      |
| Bromodichloromethane     | <0,06        |           | <0,1   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,43   | 0,06 | µg/l | 88%      |
| Dichloromethane          | 1,42         | 0,07      | 1,30   | 0,20 | µg/l | 92%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,77   | 0,27 | µg/l | 85%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,02   | 0,15 | µg/l | 94%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,76   | 0,26 | µg/l | 94%      |





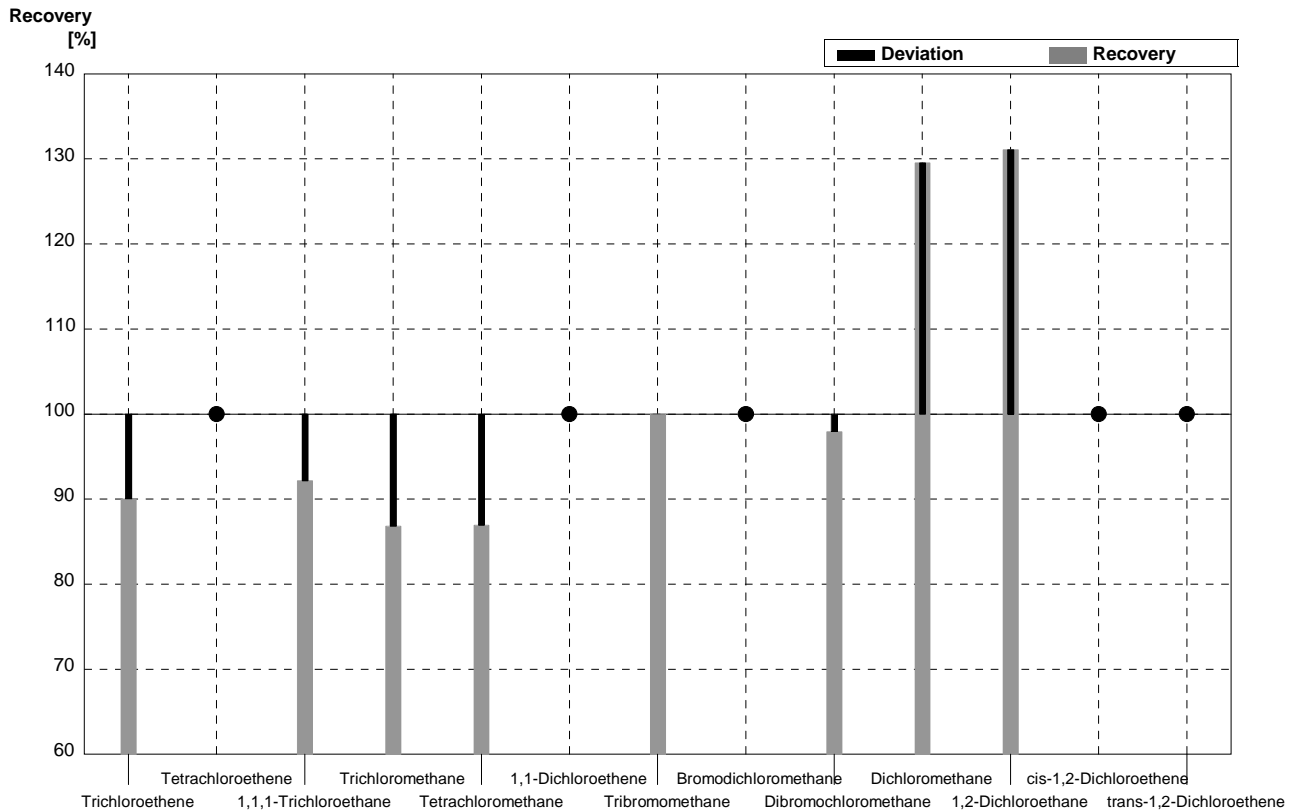
**Sample C54B**  
**Laboratory AB**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,16   | 0,02 | µg/l | 84%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,06   | 0,16 | µg/l | 80%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,35   | 0,05 | µg/l | 85%      |
| Trichloromethane         | <0,14        |           | <0,1   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,24   | 0,04 | µg/l | 80%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,74   | 0,26 | µg/l | 101%     |
| Tribromomethane          | 0,36         | 0,02      | 0,32   | 0,05 | µg/l | 89%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,45   | 0,07 | µg/l | 85%      |
| Dibromochloromethane     | 2,26         | 0,11      | 1,93   | 0,29 | µg/l | 85%      |
| Dichloromethane          | 4,33         | 0,22      | 3,84   | 0,58 | µg/l | 89%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,60   | 0,09 | µg/l | 81%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <0,5   |      | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,82   | 0,12 | µg/l | 91%      |



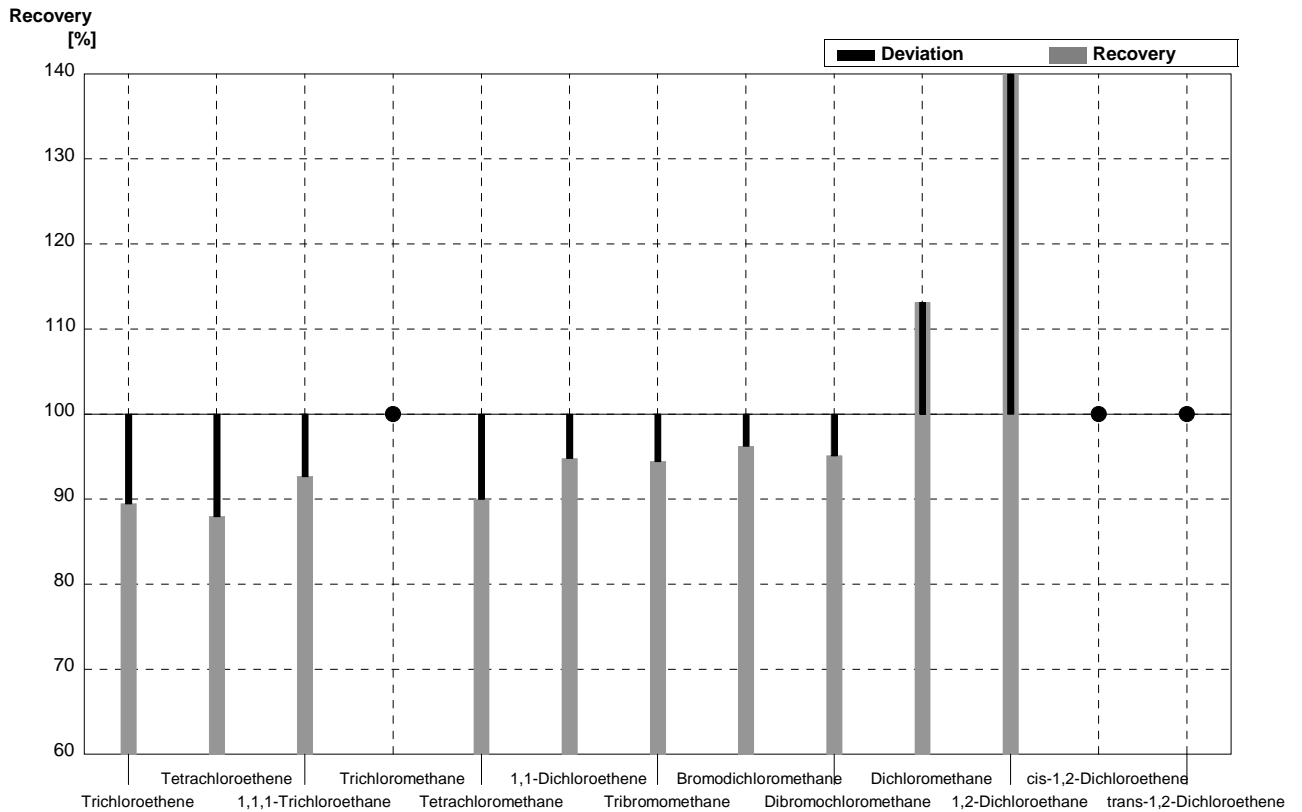
**Sample C54A**  
**Laboratory AC**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,63   | 0,33 | µg/l | 90%      |
| Tetrachloroethene        | <0,06        |           | <0,004 |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,59   | 0,12 | µg/l | 92%      |
| Trichloromethane         | 0,76         | 0,04      | 0,66   | 0,13 | µg/l | 87%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,60   | 0,32 | µg/l | 87%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | <1     |      | µg/l | •        |
| Tribromomethane          | 1,25         | 0,06      | 1,25   | 0,19 | µg/l | 100%     |
| Bromodichloromethane     | <0,06        |           | <0,01  |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,48   | 0,07 | µg/l | 98%      |
| Dichloromethane          | 1,42         | 0,07      | 1,84   | 0,46 | µg/l | 130%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,74   | 0,55 | µg/l | 131%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | <15    |      | µg/l | •        |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | <10    |      | µg/l | •        |



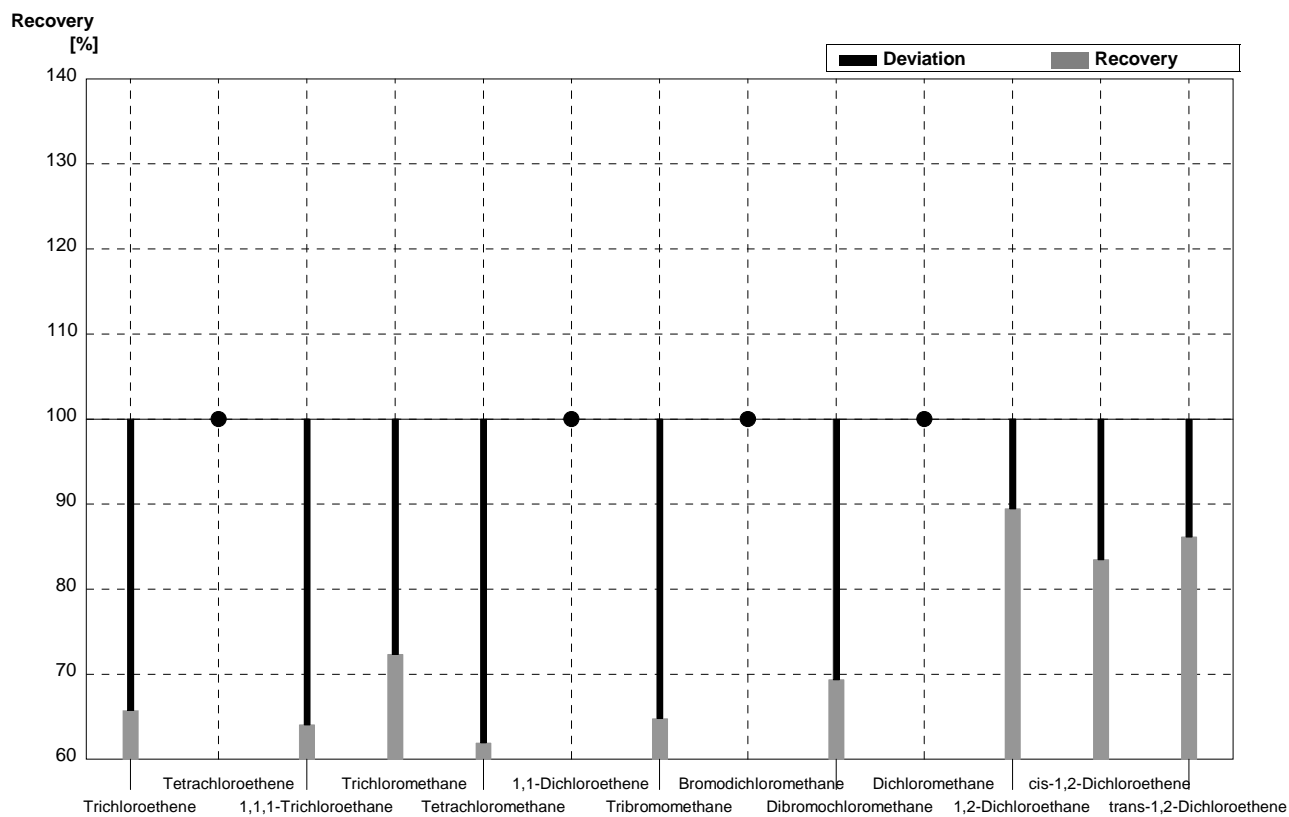
**Sample C54B**  
**Laboratory AC**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,17   | 0,03 | µg/l | 89%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,17   | 0,23 | µg/l | 88%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,38   | 0,08 | µg/l | 93%      |
| Trichloromethane         | <0,14        |           | <0,04  |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,27   | 0,05 | µg/l | 90%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,64   | 0,33 | µg/l | 95%      |
| Tribromomethane          | 0,36         | 0,02      | 0,34   | 0,05 | µg/l | 94%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,51   | 0,08 | µg/l | 96%      |
| Dibromochloromethane     | 2,26         | 0,11      | 2,15   | 0,32 | µg/l | 95%      |
| Dichloromethane          | 4,33         | 0,22      | 4,90   | 1,23 | µg/l | 113%     |
| 1,2-Dichloroethene       | 0,74         | 0,04      | 1,06   | 0,21 | µg/l | 143%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <15    |      | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | <10    |      | µg/l | •        |



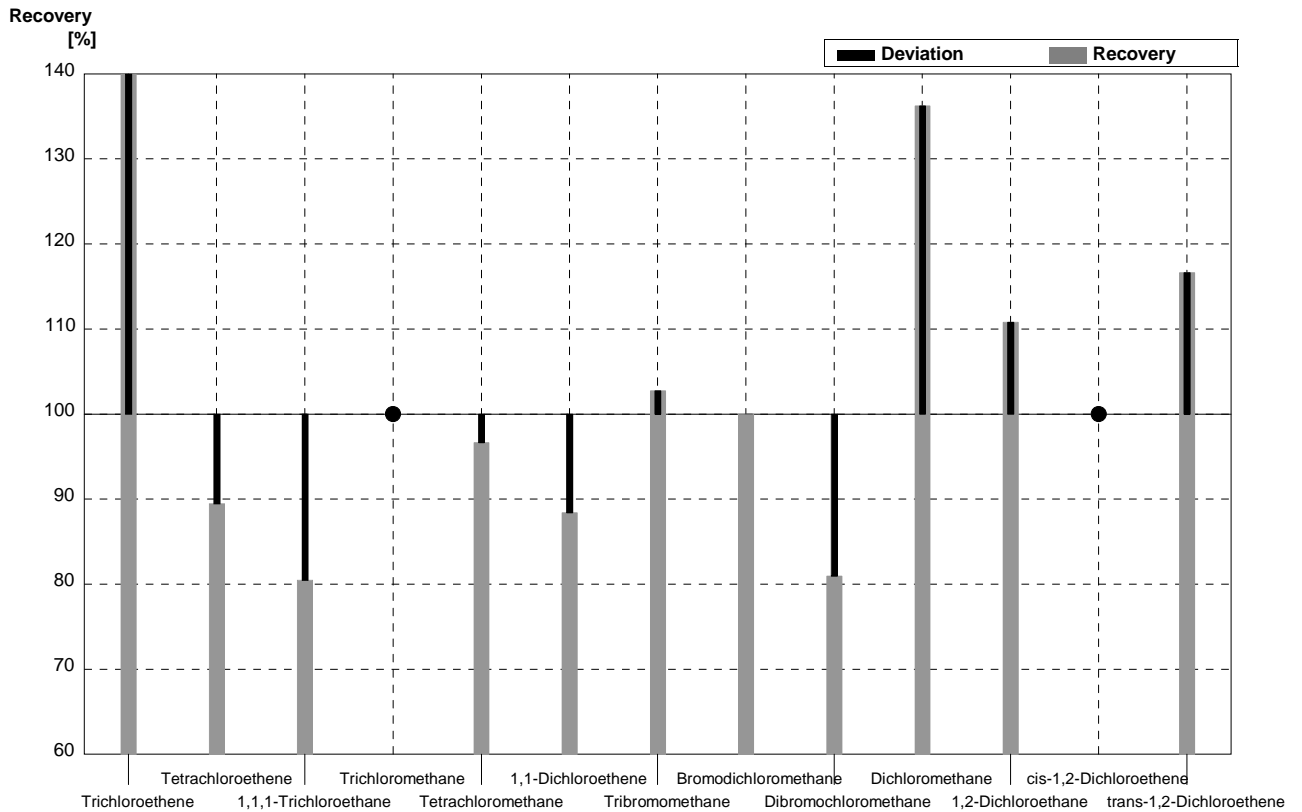
**Sample C54A**  
**Laboratory AD**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,19   | 0,18 | µg/l | 66%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,41   | 0,06 | µg/l | 64%      |
| Trichloromethane         | 0,76         | 0,04      | 0,55   | 0,08 | µg/l | 72%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,14   | 0,17 | µg/l | 62%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | <0,5   |      | µg/l | •        |
| Tribromomethane          | 1,25         | 0,06      | 0,81   | 0,12 | µg/l | 65%      |
| Bromodichloromethane     | <0,06        |           | <0,1   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,34   | 0,05 | µg/l | 69%      |
| Dichloromethane          | 1,42         | 0,07      | <5,0   |      | µg/l | •        |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 1,87   | 0,28 | µg/l | 89%      |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 0,91   | 0,14 | µg/l | 83%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,62   | 0,24 | µg/l | 86%      |



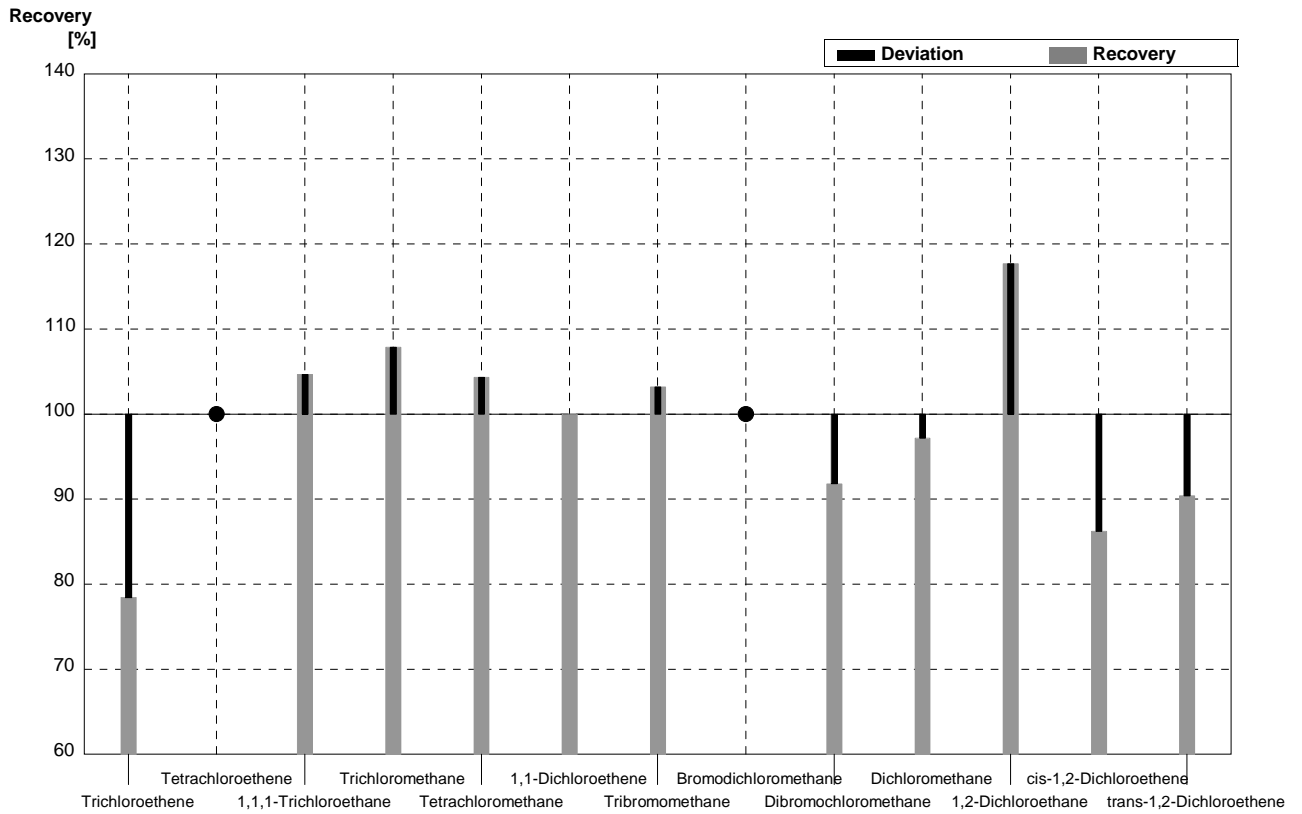
**Sample C54B**  
**Laboratory AD**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,27   | 0,04  | µg/l | 142%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,19   | 0,18  | µg/l | 89%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,33   | 0,05  | µg/l | 80%      |
| Trichloromethane         | <0,14        |           | <0,1   |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,29   | 0,043 | µg/l | 97%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,53   | 0,23  | µg/l | 88%      |
| Tribromomethane          | 0,36         | 0,02      | 0,37   | 0,055 | µg/l | 103%     |
| Bromodichloromethane     | 0,53         | 0,03      | 0,53   | 0,08  | µg/l | 100%     |
| Dibromochloromethane     | 2,26         | 0,11      | 1,83   | 0,27  | µg/l | 81%      |
| Dichloromethane          | 4,33         | 0,22      | 5,9    | 0,88  | µg/l | 136%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,82   | 0,12  | µg/l | 111%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <0,5   |       | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,05   | 0,15  | µg/l | 117%     |



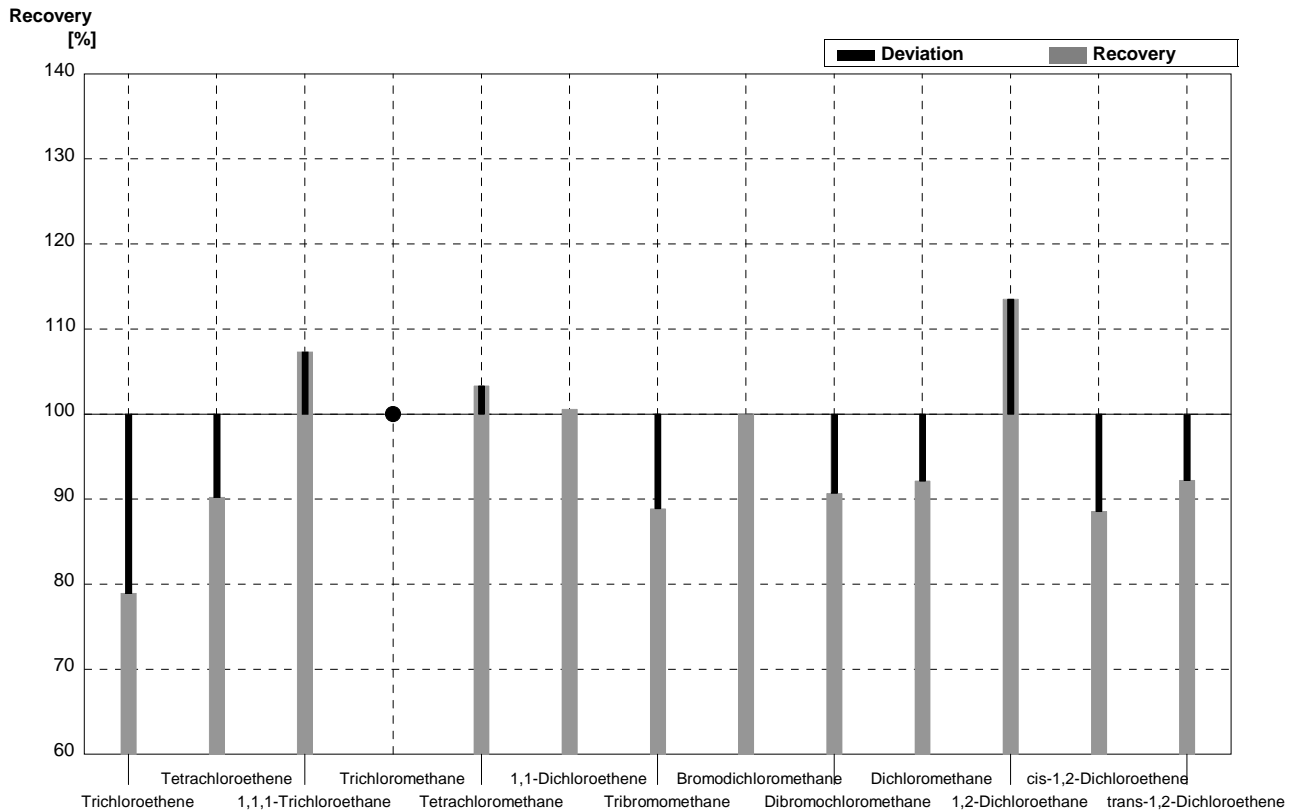
**Sample C54A**  
**Laboratory AF**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,42   | 0,142 | µg/l | 78%      |
| Tetrachloroethene        | <0,06        |           | <0,1   |       | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,67   | 0,07  | µg/l | 105%     |
| Trichloromethane         | 0,76         | 0,04      | 0,82   | 0,08  | µg/l | 108%     |
| Tetrachloromethane       | 1,84         | 0,09      | 1,92   | 0,192 | µg/l | 104%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,46   | 0,05  | µg/l | 100%     |
| Tribromomethane          | 1,25         | 0,06      | 1,29   | 0,129 | µg/l | 103%     |
| Bromodichloromethane     | <0,06        |           | <0,1   |       | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,45   | 0,05  | µg/l | 92%      |
| Dichloromethane          | 1,42         | 0,07      | 1,38   | 0,138 | µg/l | 97%      |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,46   | 0,246 | µg/l | 118%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 0,94   | 0,1   | µg/l | 86%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 1,70   | 0,170 | µg/l | 90%      |



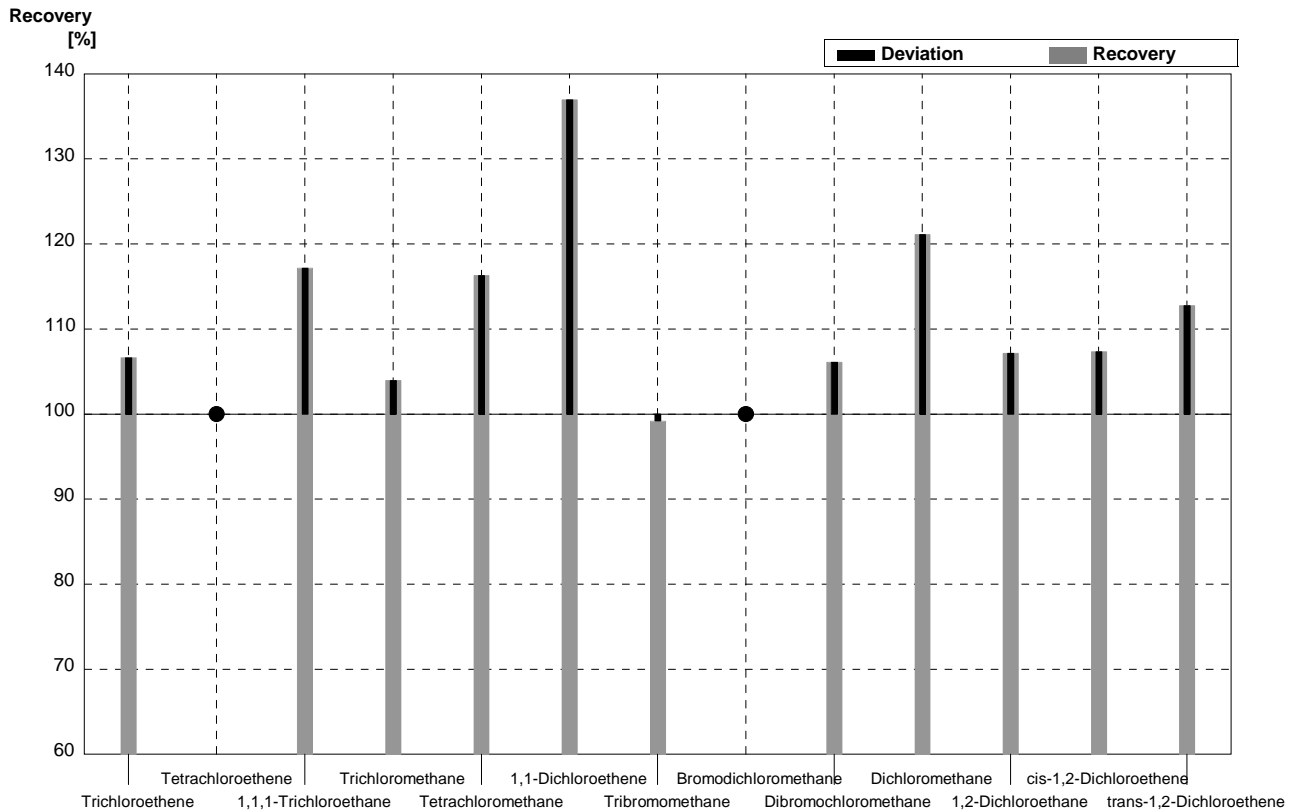
**Sample C54B**  
**Laboratory AF**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,15   | 0,02  | µg/l | 79%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,20   | 0,120 | µg/l | 90%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,44   | 0,05  | µg/l | 107%     |
| Trichloromethane         | <0,14        |           | <0,1   |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,31   | 0,03  | µg/l | 103%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,74   | 0,174 | µg/l | 101%     |
| Tribromomethane          | 0,36         | 0,02      | 0,32   | 0,04  | µg/l | 89%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,53   | 0,06  | µg/l | 100%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,05   | 0,205 | µg/l | 91%      |
| Dichloromethane          | 4,33         | 0,22      | 3,99   | 0,4   | µg/l | 92%      |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,84   | 0,09  | µg/l | 114%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,31   | 0,04  | µg/l | 89%      |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,83   | 0,09  | µg/l | 92%      |



**Sample C54A**  
**Laboratory AG**

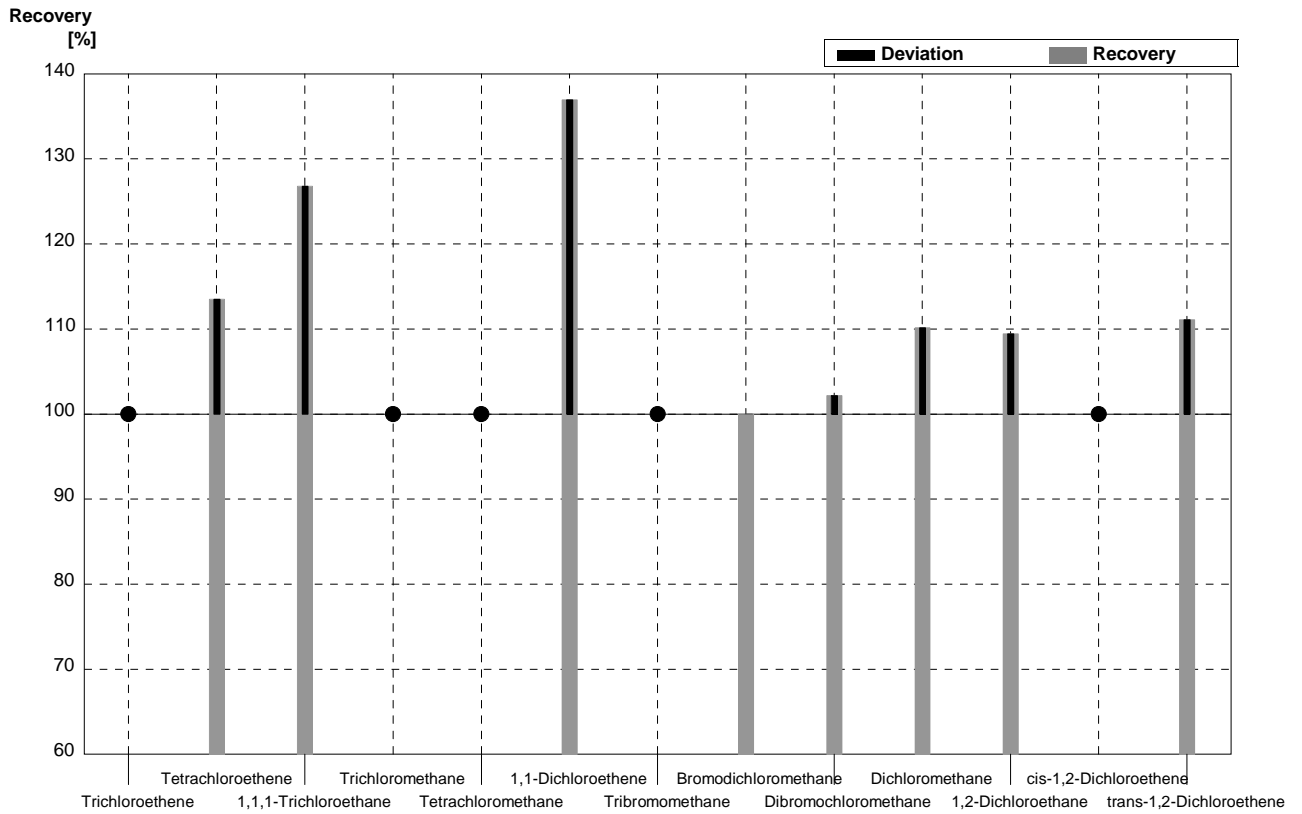
| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,93   | 0,39 | µg/l | 107%     |
| Tetrachloroethene        | <0,06        |           | <0,5   |      | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,75   | 0,22 | µg/l | 117%     |
| Trichloromethane         | 0,76         | 0,04      | 0,79   | 0,24 | µg/l | 104%     |
| Tetrachloromethane       | 1,84         | 0,09      | 2,14   | 0,43 | µg/l | 116%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,63   | 0,19 | µg/l | 137%     |
| Tribromomethane          | 1,25         | 0,06      | 1,24   | 0,37 | µg/l | 99%      |
| Bromodichloromethane     | <0,06        |           | <0,5   |      | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,52   | 0,16 | µg/l | 106%     |
| Dichloromethane          | 1,42         | 0,07      | 1,72   | 0,34 | µg/l | 121%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,24   | 0,45 | µg/l | 107%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,17   | 0,23 | µg/l | 107%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,12   | 0,42 | µg/l | 113%     |





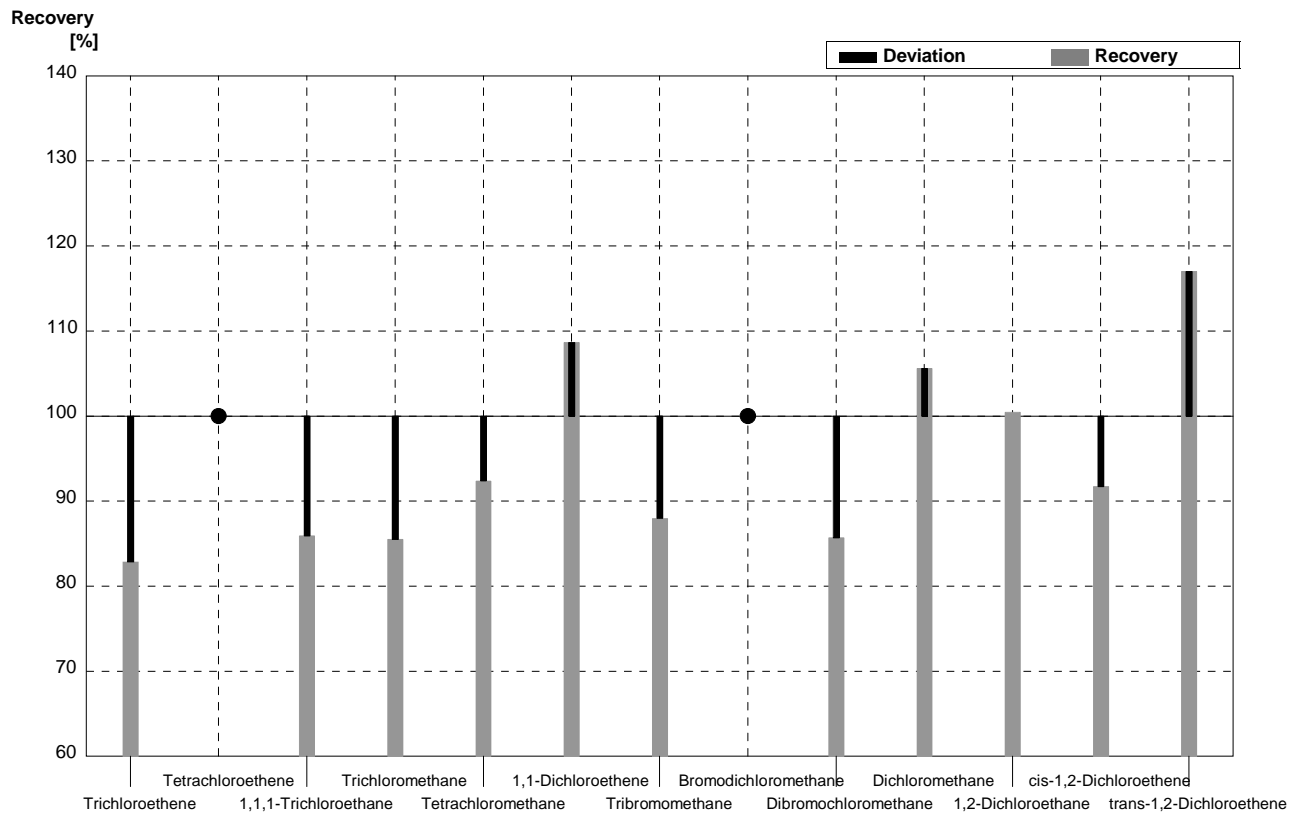
**Sample C54B**  
**Laboratory AG**

| Parameter                | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|--------------------------|--------------|-----------|--------|------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | <0,5   |      | µg/l | •        |
| Tetrachloroethene        | 1,33         | 0,07      | 1,51   | 0,30 | µg/l | 114%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,52   | 0,16 | µg/l | 127%     |
| Trichloromethane         | <0,14        |           | <0,5   |      | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | <0,5   |      | µg/l | •        |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,37   | 0,47 | µg/l | 137%     |
| Tribromomethane          | 0,36         | 0,02      | <0,5   |      | µg/l | •        |
| Bromodichloromethane     | 0,53         | 0,03      | 0,53   | 0,16 | µg/l | 100%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,31   | 0,46 | µg/l | 102%     |
| Dichloromethane          | 4,33         | 0,22      | 4,77   | 0,95 | µg/l | 110%     |
| 1,2-Dichloroethane       | 0,74         | 0,04      | 0,81   | 0,24 | µg/l | 109%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | <0,5   |      | µg/l | •        |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,00   | 0,20 | µg/l | 111%     |



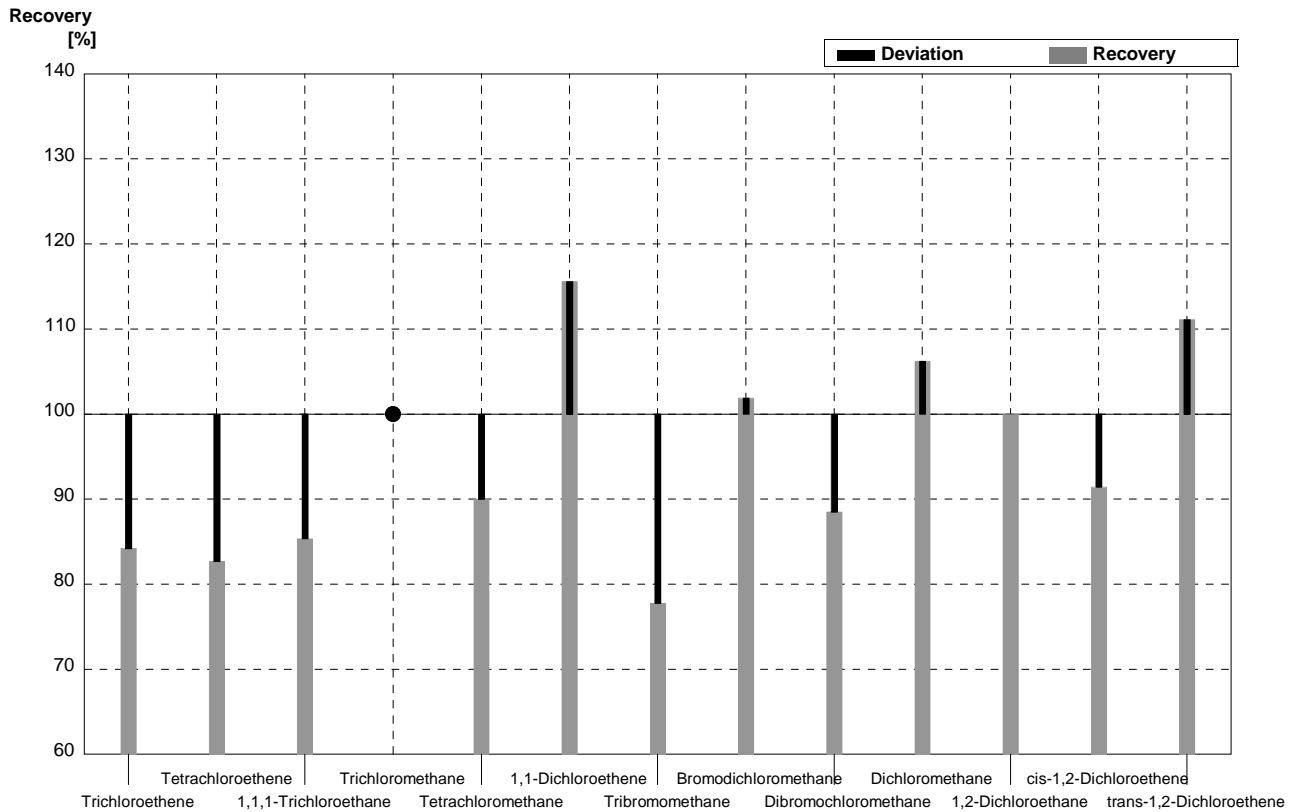
**Sample C54A**  
**Laboratory AH**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 1,5    | 0,31  | µg/l | 83%      |
| Tetrachloroethene        | <0,06        |           | <0,030 |       | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,55   | 0,11  | µg/l | 86%      |
| Trichloromethane         | 0,76         | 0,04      | 0,65   | 0,13  | µg/l | 86%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,7    | 0,33  | µg/l | 92%      |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,50   | 0,10  | µg/l | 109%     |
| Tribromomethane          | 1,25         | 0,06      | 1,1    | 0,22  | µg/l | 88%      |
| Bromodichloromethane     | <0,06        |           | <0,030 |       | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,42   | 0,084 | µg/l | 86%      |
| Dichloromethane          | 1,42         | 0,07      | 1,5    | 0,30  | µg/l | 106%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,1    | 0,42  | µg/l | 100%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,0    | 0,20  | µg/l | 92%      |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,2    | 0,43  | µg/l | 117%     |



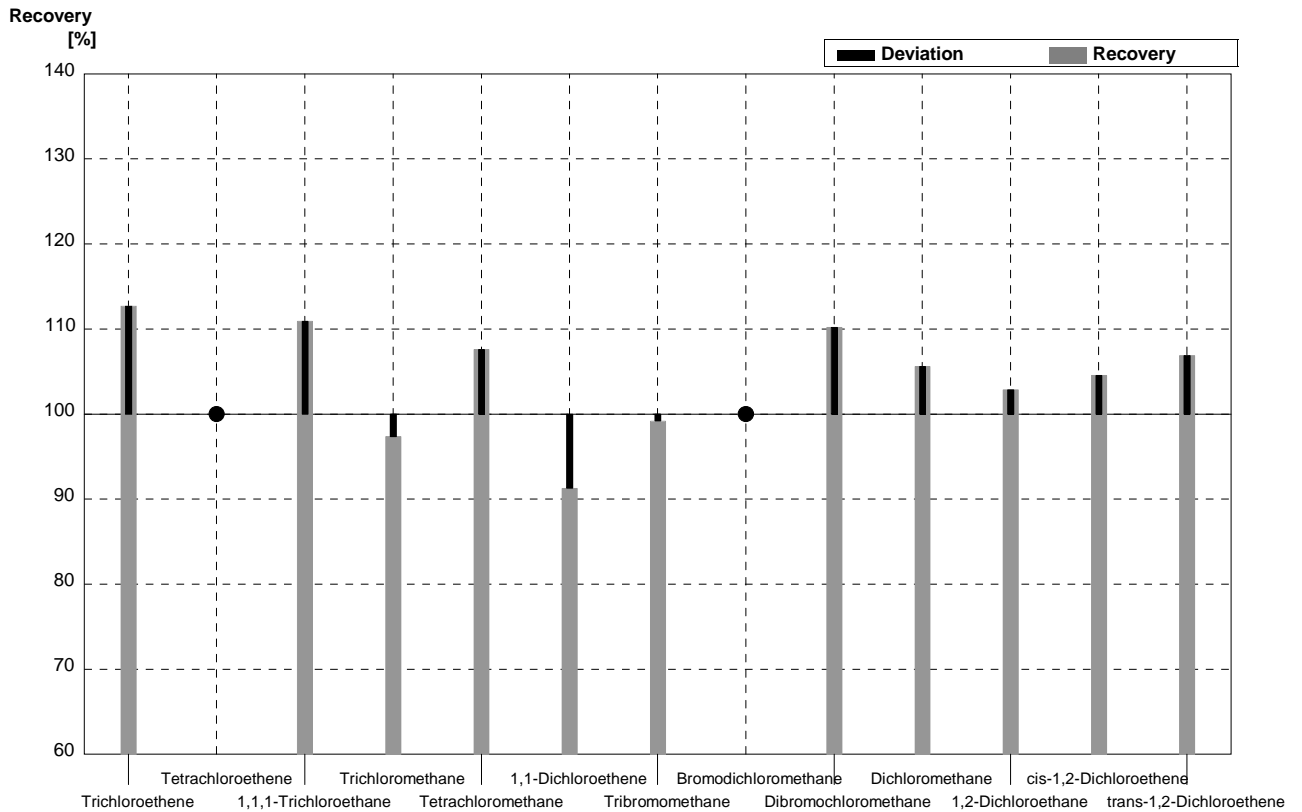
**Sample C54B**  
**Laboratory AH**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,16   | 0,031 | µg/l | 84%      |
| Tetrachloroethene        | 1,33         | 0,07      | 1,1    | 0,22  | µg/l | 83%      |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,35   | 0,069 | µg/l | 85%      |
| Trichloromethane         | <0,14        |           | <0,030 |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,27   | 0,054 | µg/l | 90%      |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 2,0    | 0,39  | µg/l | 116%     |
| Tribromomethane          | 0,36         | 0,02      | 0,28   | 0,056 | µg/l | 78%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,54   | 0,11  | µg/l | 102%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,0    | 0,40  | µg/l | 88%      |
| Dichloromethane          | 4,33         | 0,22      | 4,6    | 0,93  | µg/l | 106%     |
| 1,2-Dichloroethene       | 0,74         | 0,04      | 0,74   | 0,15  | µg/l | 100%     |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,32   | 0,063 | µg/l | 91%      |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 1,0    | 0,21  | µg/l | 111%     |



**Sample C54A**  
**Laboratory AI**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 1,81         | 0,09      | 2,04   | 0,134 | µg/l | 113%     |
| Tetrachloroethene        | <0,06        |           | <0,05  |       | µg/l | •        |
| 1,1,1-Trichloroethane    | 0,64         | 0,03      | 0,71   | 0,051 | µg/l | 111%     |
| Trichloromethane         | 0,76         | 0,04      | 0,74   | 0,087 | µg/l | 97%      |
| Tetrachloromethane       | 1,84         | 0,09      | 1,98   | 0,109 | µg/l | 108%     |
| 1,1-Dichloroethene       | 0,46         | 0,02      | 0,42   | 0,155 | µg/l | 91%      |
| Tribromomethane          | 1,25         | 0,06      | 1,24   | 0,069 | µg/l | 99%      |
| Bromodichloromethane     | <0,06        |           | <0,05  |       | µg/l | •        |
| Dibromochloromethane     | 0,49         | 0,02      | 0,54   | 0,019 | µg/l | 110%     |
| Dichloromethane          | 1,42         | 0,07      | 1,5    | 0,10  | µg/l | 106%     |
| 1,2-Dichloroethane       | 2,09         | 0,10      | 2,15   | 0,087 | µg/l | 103%     |
| cis-1,2-Dichloroethene   | 1,09         | 0,05      | 1,14   | 0,243 | µg/l | 105%     |
| trans-1,2-Dichloroethene | 1,88         | 0,09      | 2,01   | 0,082 | µg/l | 107%     |



**Sample C54B**  
**Laboratory AI**

| Parameter                | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|--------------------------|--------------|-----------|--------|-------|------|----------|
| Trichloroethene          | 0,19         | 0,01      | 0,19   | 0,007 | µg/l | 100%     |
| Tetrachloroethene        | 1,33         | 0,07      | 1,47   | 0,118 | µg/l | 111%     |
| 1,1,1-Trichloroethane    | 0,41         | 0,02      | 0,42   | 0,054 | µg/l | 102%     |
| Trichloromethane         | <0,14        |           | <0,05  |       | µg/l | •        |
| Tetrachloromethane       | 0,30         | 0,02      | 0,32   | 0,016 | µg/l | 107%     |
| 1,1-Dichloroethene       | 1,73         | 0,09      | 1,84   | 0,132 | µg/l | 106%     |
| Tribromomethane          | 0,36         | 0,02      | 0,34   | 0,014 | µg/l | 94%      |
| Bromodichloromethane     | 0,53         | 0,03      | 0,55   | 0,010 | µg/l | 104%     |
| Dibromochloromethane     | 2,26         | 0,11      | 2,28   | 0,201 | µg/l | 101%     |
| Dichloromethane          | 4,33         | 0,22      | 4,3    | 0,25  | µg/l | 99%      |
| 1,2-Dichloroethene       | 0,74         | 0,04      | 0,73   | 0,066 | µg/l | 99%      |
| cis-1,2-Dichloroethene   | 0,35         | 0,02      | 0,37   | 0,016 | µg/l | 106%     |
| trans-1,2-Dichloroethene | 0,90         | 0,05      | 0,86   | 0,088 | µg/l | 96%      |

