

Proficiency Testing Scheme for Water Analysis

Round CB06
BTEX and MTBE
Volatile Halogenated Hydrocarbons

Sample Dispatch: 30 September 2019





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Round: CB06	Date / Signature:	30.10.2018 W.Kandler

This report has 163 pages.

This report summarises the results of round CB06 "Volatile aromatic hydrocarbons and methyl tert-butyl ether (MTBE)" and "Volatile Halogenated Hydrocarbons" within the IFA-Test Systems Proficiency-Testing Scheme for Water Analysis. The samples CB06A and CB06B were distributed to the participants on Monday, 30 September 2019. Closing date for reporting results to the IFA-Tulln was Friday, 25 October 2019.

31 laboratories participated in this interlaboratory comparison. 29 laboratories submitted results.

To make the results of this round anonymous, each laboratory was given a laboratory code on a random basis.

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(NO₃)₂, MgSO₄, Na₂SO₄, NaHCO₃, KHCO₃, CaCl₂ and Ca(NO₃)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 B-CB06A and B-CB06B were spiked with traces of the following compounds: MTBE, benzene, toluene, ethylbenzene, o-xylene and m-xylene.

The samples C-CB06A and C-CB06B were spiked with traces of 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 mass concentrations of the compounds was based on the weights of standards added to the samples.

Benzene was not added to sample B-CB06A, 1,1,1-trichloroethane and dibromochloromethane were not added to sample C-CB06A and tetrachloromethane and trans-1,2-dichloroethene were not added to sample C-CB06B in order to check the analytical blank values.

Homogeneity, accuracy and stability tests at the IFA-Tulln

For verification of homogeneity 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, 3rd Edition (2012)".

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 compounds, which were not added (see above) were set to <0.4 µg/l benzene (B-CB06A), <0.08 µg/l 1,1,1-trichloroethane (C-CB06A), <0.1 µg/l dibromochloromethane (C-CB06A), <0.06 µg/l tetrachloromethane (C-CB06B) and <0.04 µg/l trans-1,2-dichloroethene (C-CB06B) 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 at the IFA-Tulln.

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 95.2 % (tribromomethane in sample C-CB06B) and 115.7 % (1,2-dichloroethane in sample C-CB06B) and between 86.3 % (o-xylene in sample B-CB06A) and 108.0 % (MTBE in sample B-CB06A). The between laboratory CVs covered the range between 7.0 % (cis-1,2-dichloroethene in sample C-CB06B) and 14.2 % (dichloromethane in sample C-CB06B) and between 9.5 % (MTBE in sample B-CB06B) and 26.9 % (sum of m-xylene and p-xylene in sample B-CB06A).

All confidence intervals of the outlier-corrected laboratory mean values except that for (1,2-dichloroethane $115.7\% \pm 9.1\%$ in sample C-CB06B; toluene $88.4\% \pm 5.7\%$ in sample B-CB06A, ethylbenzene $87.5\% \pm 5.7\%$ in sample B-CB06A and o-xylene $86.3\% \pm 7.3\%$ in sample B-CB06A) encompass the corresponding target values with their uncertainties. For all other parameters no difference could be detected between target concentrations and outlier corrected laboratory means statistically.

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“)
σ	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 2008 to 2018. 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.

Thus, no z-scores were calculated for sum of m- and p-xylene in sample B-CB06A.

Parameter	z-Score-criteria (%)	Lower limit [µg/L]
Benzene	15	0.5
Ethylbenzene	17	0.5
MTBE	15	0.1
Sum of m- and p-xylene	18	1.4
Toluene	14	0.7
o-Xylene	16	0.7
1,1,1-Trichloroethane	15	0.15
1,1-Dichloroethene	19	0.4
1,2-Dichloroethane	13	0.5
cis-1,2-Dichloroethene	14	0.15
trans-1,2-Dichloroethene	13	0.15
Bromodichloromethane	14	0.15
Dibromochloromethane	15	0.2
Dichloromethane	13	1
Tetrachloroethene	16	0.15
Tetrachloromethane	18	0.15
Tribromomethane	16	0.2
Trichloroethene	15	0.15
Trichloromethane	15	0.25

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 2008 to 2018.

Illustration of results

An explanation to the illustration of the results is given on the following page.

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 3rd Edition (2012)". 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, 30 October 2019

EXPLANATION

Sample C10B

Parameter Dichloromethane

Target value $\pm U(k=2)$ $10,4 \mu\text{g/l} \pm 0,5 \mu\text{g/l}$ **Obtained from mass weighed out, U = uncertainty**

IFA result $\pm U(k=2)$ $10,2 \mu\text{g/l} \pm 1,0 \mu\text{g/l}$ **Determined at IFA prior to shipment of samples**

Stability test $\pm U(k=2)$ $10,2 \mu\text{g/l} \pm 1,0 \mu\text{g/l}$ **Determined at IFA 5 weeks after sample dispatch**

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

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%)	$11,3 \pm 3,8$	$9,7 \pm 1,6$	$\mu\text{g/l}$
Recov. $+/ -$ CI (99%)	$108,3 \pm 36,3$	$93,6 \pm 15,1$	%
SD between labs	5,3		$\mu\text{g/l}$
RSD between labs	47,3		%
n for calculation	17	13	

Between laboratory standard deviation

Number of data used for calculation of statistic parameters

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

grey band illustrates uncertainty interval of target value

Relative deviation from target value in percent

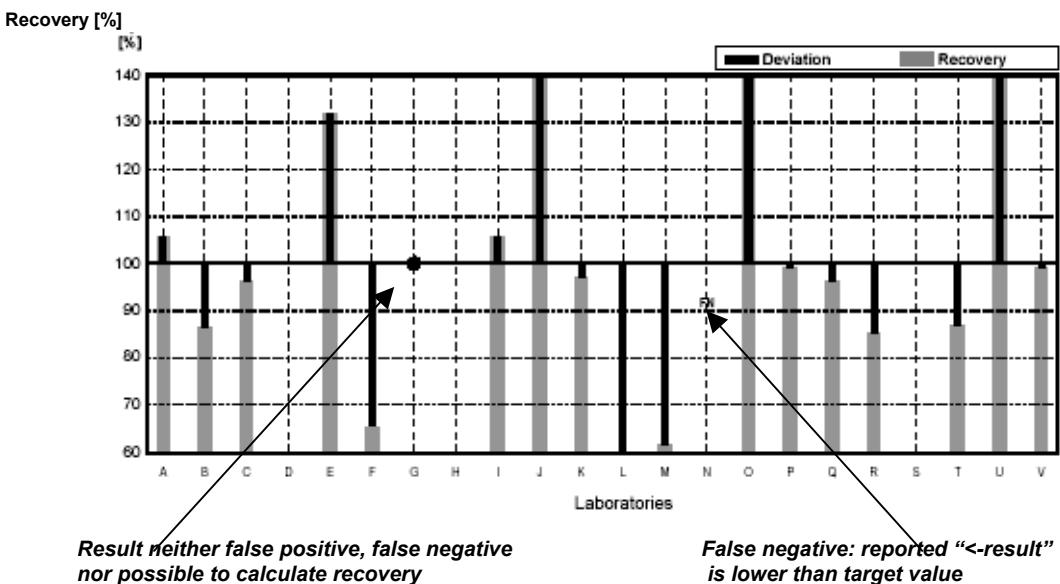
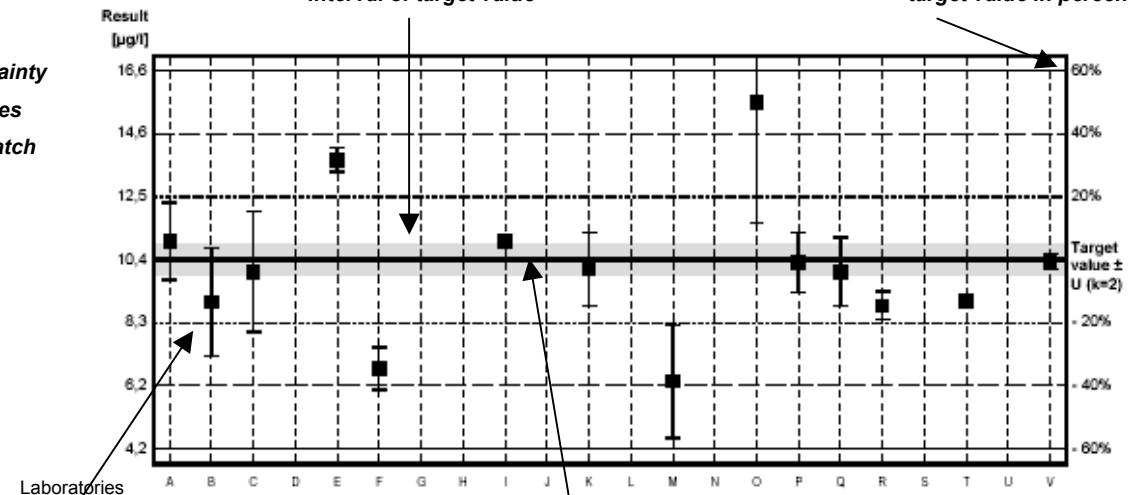


Diagram 2. Recoveries and deviations from target values

Illustration of Results Tables and Parameter Oriented Part

Round CB06
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Results Sample B-CB06A

	MTBE	Benzene	Toluene	Ethylbenzene	m, p-Xylene	o-Xylene
Target value	0.52	<0.4	2.30	2.70	0.84	1.88
IFA result	0.57	<0.2	2.20	2.58	0.85	1.78
Stability test	0.59	<0.2	2.22	2.60	0.87	1.84
A						
B		<0.5	2.23	2.57	0.86	1.82
C	0.499	<0.05	1.925	1.907	0.371	1.271
D	0.591	<0.020	1.96	2.22	0.667	1.59
E	0.60	<0.05	2.22	2.60	0.87	2.03
F	0.67		2.15	2.50	0.99	1.61
G	0.464	<0.100	1.69	2.01	0.617	1.48
H	0.65	<0.2	2.27	2.59	0.79	1.70
I		<0.4	2.28	2.66	0.91	1.71
J	0.48	<0.5	2.24	2.45	0.71	1.62
K		<bg	2.18	2.51	0.76	1.67
L	<0.5	<0.5	1.8	2.1	<0.5	1.4
M	0.57	<0.1	2.12	2.56	1.12	2.04
N	0.64	<0.10	1.90	2.27	0.67	1.57
O	0.669	<0.1	2.097	2.483	0.732	1.729
P	0.632	<0.050	1.990	2.265	0.698	1.570
Q		<0.1	1.941	2.171	0.771	1.492
R	0.53	<0.05	2.02	2.24	0.64	1.49
S	0.60	<0.05	2.28	2.62	0.77	1.83
T	0.495	<0.10	2.22	2.31	1.03	1.78
AC	0.56	0	1.78	1.78	0.51	1.15
AD	0.58	<0.25	2.27	2.69	0.82	1.94
AE		<0.5	1.64	1.31	0.28	1.2
AF	0.320	<0.1	1.576	2.446	0.590	1.614

All data in µg/L

Measurement Uncertainties Sample B-CB06A

	MTBE	Benzene	Toluene	Ethylbenzene	m, p-Xylene	o-Xylene
Target value	0.03		0.12	0.14	0.04	0.09
IFA result	0.09		0.33	0.39	0.13	0.27
Stability test	0.09		0.33	0.39	0.13	0.28
A						
B			0.45	0.77	0.26	0.36
C	0.145		0.423	0.591	0.115	0.305
D	0.093		0.25	0.37	0.131	0.28
E	0.07		0.43	0.50	0.17	0.39
F	0.13		0.43	0.5	0.20	0.32
G	0.139	0.030	0.506	0.602	0.185	0.445
H	0.17		0.39	0.65	0.20	0.44
I			0.68	0.80	0.27	0.51
J	0.07		0.34	0.37	0.10	0.24
K			0.44	0.50	0.15	0.33
L			0.37	0.40		0.29
M	0.15	0.03	0.55	0.67	0.29	0.53
N	0.13		0.38	0.45	0.13	0.31
O	0.01		0.023	0.071	0.012	0.039
P	0.120	0.012	0.577	0.521	0.216	0.377
Q			0.485	0.543	0.193	0.373
R	0.11	0.01	0.40	0.45	0.13	0.30
S	0.11		0.41	0.47	0.14	0.33
T	0.005		0.153	0.137	0.039	0.093
AC	0.084		0.27	0.27	0.077	0.17
AD	0.08		0.25	0.28	0.1	0.2
AE		0.1	0.2	0.1	0.1	0.1
AF	0.080		0.236	0.250	0.090	0.160

All data in µg/L

Results Sample B-CB06B

	MTBE	Benzene	Toluene	Ethylbenzene	m, p-Xylene	o-Xylene
Target value	2.71	0.56	1.76	1.42	6.48	3.86
IFA result	2.81	0.56	1.69	1.38	5.16	3.65
Stability test	2.93	0.57	1.72	1.38	5.28	3.67
A						
B		0.64	1.86	1.47	6.69	3.82
C	3.424	0.557	1.506	1.003	2.233	2.593
D	2.97	0.653	1.43	1.05	5.42	3.15
E	2.91	0.58	1.70	1.48	7.00	4.01
F	3.09		1.66	1.36	5.97	3.17
G	2.29	0.428	1.29	1.03	4.59	2.93
H	2.90	0.62	1.74	1.38	6.30	3.64
I		0.56	1.76	1.45	6.66	3.68
J	2.98	0.61	1.75	1.29	5.71	3.49
K		0.68	2.13	1.72	7.50	4.42
L	2.4	<0.5	1.4	1.1	5.0	3.0
M	2.94	0.53	1.60	1.31	6.76	4.44
N	3.12	0.46	1.49	1.19	5.14	3.27
O	2.941	0.498	1.447	1.058	4.922	3.098
P	3.000	0.536	1.490	1.130	5.220	3.210
Q		0.519	1.510	1.170	5.246	3.243
R	2.73	0.54	1.67	1.26	6.07	3.57
S	3.08	0.56	1.75	1.28	6.29	3.91
T	2.38	0.520	1.69	1.20	5.92	3.58
AC	2.90	0.56	1.39	0.89	5.30	2.87
AD	2.82	0.58	1.67	1.44	6.56	3.94
AE		0.8	0.99	0.8	3.45	2.09
AF	2.425	0.518	1.241	1.293	6.390	3.686

All data in µg/L

Measurement Uncertainties Sample B-CB06B

	MTBE	Benzene	Toluene	Ethylbenzene	m, p-Xylene	o-Xylene
Target value	0.14	0.03	0.09	0.07	0.32	0.19
IFA result	0.42	0.08	0.25	0.21	0.77	0.55
Stability test	0.44	0.09	0.26	0.21	0.79	0.55
A						
B		0.19	0.37	0.29	2.01	0.76
C	0.993	0.106	0.331	0.311	0.692	0.622
D	0.47	0.107	0.18	0.17	1.06	0.55
E	0.34	0.11	0.33	0.29	1.36	0.78
F	0.62		0.33	0.27	1.19	0.63
G	0.687	0.129	0.387	0.309	1.38	0.880
H	0.75	0.16	0.30	0.34	1.57	0.95
I		0.17	0.53	0.44	2.00	1.10
J	0.45	0.09	0.26	0.19	0.86	0.52
K		0.14	0.43	0.34	1.50	0.88
L	0.50		0.29	0.21	1.2	0.61
M	0.76	0.14	0.42	0.34	1.76	1.16
N	0.62	0.09	0.30	0.24	1.03	0.65
O	0.168	0.028	0.083	0.079	0.389	0.236
P	0.570	0.123	0.432	0.260	1.618	0.770
Q		0.130	0.378	0.293	1.312	0.811
R	0.55	0.11	0.33	0.25	1.21	0.71
S	0.55	0.10	0.32	0.23	1.2	0.70
T	0.050	0.030	0.103	0.064	0.295	0.158
AC	0.44	0.084	0.21	0.13	0.80	0.43
AD	0.3	0.08	0.18	0.16	0.7	0.4
AE		0.1	0.1	0.05	0.2	0.2
AF	0.364	0.077	0.223	0.110	0.511	0.295

All data in µg/L

Results Sample CB06A

	Trichloro-ethene	Tetrachloro-ethene	1,1,1-Tri-chloroethane	Trichloro-methane	Tetrachloro-methane	1,1-Dichloro-ethene	Tribromo-methane
Target value	1.44	0.27	<0.08	3.13	1.04	1.47	0.86
IFA Result	1.42	0.27	<0.04	3.09	1.02	1.45	0.84
Stability test	1.46	0.27	<0.04	3.02	1.04	1.50	0.84
A				1.448			
B	1.61	<0.5	<0.5	3.34	1.14	1.96	0.85
C	1.299	0.193	<0.05	2.957	1.032	1.800	
D	1.04	0.281	<0.020	3.79	0.939	1.54	0.840
E	1.43	0.31	<0.05	2.84	1.03	1.71	0.91
F	1.49	0.29	<0.06	2.83	0.95	1.46	0.90
G	1.18	0.218	<0.100	2.76	0.930	1.36	0.667
H	1.32	<1.0	<1.0	2.64	<1.0	1.68	<1.0
I	1.60	0.31	<0.4	3.26	1.22	2.03	0.63
J	0.97	0.27	<0.1	3.28	1.05	1.56	0.81
K	1.35	0.28	<0.08	3.36	0.28	3.30	0.83
L	1.2	0.35	<0.1	2.9	4.9	2.1	0.76
M	1.43	0.17	<0.1	3.72	1.05	1.70	0.89
N	1.53	0.30	<0.10	2.69	1.21	1.90	0.86
O	1.813	0.426	<0.1	4.016	1.372	1.931	0.940
P	1.350	0.209	<0.050	2.540	0.844	1.385	1.000
Q	1.414	0.270	<0.1	3.303	1.006		0.831
R	1.51	0.27	<0.05	3.54	1.07	1.62	0.94
S	1.50	0.26	<0.05	3.41	1.07	1.59	0.89
T	1.39	0.285	<0.10	2.86	1.01	1.49	0.893
U							
V	1.46	0.26	<0.02	3.12	1.06	1.42	0.86
W	1.36	0.26	<0.1	3.06	0.96	1.48	0.83
X							
Y	1.57	0.277	<0.1	3.02	1.14	1.77	0.729
AA	1.07	0.24	<0.01	0.62	0.81		
AB	1.48	0.286	<0.05	2.82	1.17	1.49	0.786

All data in µg/L

Uncertainties Sample CB06A

	Trichloro-ethene ±	Tetrachloro-ethene ±	1,1,1-Tri-chloroethane ±	Trichloro-methane ±	Tetrachloro-methane ±	1,1-Dichloro-ethene ±	Tribromo-methane ±
Target value	0.07	0.01		0.16	0.05	0.07	0.04
IFA Result	0.21	0.04		0.46	0.15	0.22	0.13
Stability test	0.22	0.04		0.45	0.16	0.23	0.13
A							
B	0.48			0.67	0.23	0.39	0.26
C	0.286	0.062		0.798	0.310	0.738	
D	0.24	0.090		0.96	0.176	0.39	0.182
E	0.15	0.04		0.38	0.14	0.23	0.12
F	0.30	0.06		0.57	0.19	0.29	0.18
G	0.354	0.065	0.030	0.829	0.279	0.408	0.200
H	0.38			0.61		0.51	
I	0.48	0.09		0.98	0.37	0.61	0.19
J	0.15	0.04	0.02	0.49	0.16	0.23	0.12
K	0.27	0.06		0.67	0.06	0.66	0.17
L	0.23	0.065		0.48	0.84	0.61	0.14
M	0.37	0.04	0.03	0.97	0.27	0.44	0.23
N	0.31	0.06		0.54	0.24	0.38	0.17
O	0.107	0.022		0.199	0.019	0.028	0.070
P	0.446	0.069	0.011	0.686	0.160	0.222	0.300
Q	0.255	0.103		0.661	0.221		0.199
R	0.30	0.05	0.01	0.71	0.21	0.32	0.19
S	0.27	0.05		0.61	0.19	0.29	0.16
T	0.016	0.006		0.016	0.012	0.011	0.026
U							
V	0.29	0.05		0.62	0.21	0.28	0.17
W	0.20	0.04		0.46	0.14	0.22	0.12
X							
Y	0.11	0.023		0.60	0.29	0.35	0.18
AA	0.10	0.02		0.11	0.14		
AB	0.097	0.011		0.090	0.071	0.066	0.091

All data in µg/L

Results Sample CB06A

	Bromodichloro-methane	Dibromochloro-methane	Dichloro-methane	1,2-Dichloro-ethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene
Target value	1.78	<0.1	2.62	1.40	1.47	2.38
IFA Result	1.81	<0.05	2.71	1.43	1.49	2.29
Stability test	1.76	<0.05	2.71	1.50	1.48	2.33
A			2.710	1.349		
B	1.92	<0.5	2.92	1.59	1.58	2.75
C	2.172	<0.05	2.058	1.328	1.468	2.933
D	2.03	<0.020	2.94	1.54	1.22	2.46
E	1.61	<0.05	2.87	1.58	1.51	2.49
F	1.76	<0.03	2.19	1.47	1.39	2.12
G	1.53	<0.100	2.34	1.17	1.16	1.93
H	1.56	<1.0	2.74	1.44	1.32	2.84
I	1.60	<0.4	2.24	1.59	1.58	2.79
J	1.90	<0.1	3.06	1.66	1.54	2.55
K	1.75	<0.08	3.61	1.54	2.48	3.29
L	1.7	<0.1	2.5	<2	1.4	2.4
M	1.91	<0.1	2.91	1.60	1.24	2.61
N	1.79	<0.10	2.79	1.53	1.51	2.51
O	2.296	<0.1	3.521	1.973	1.973	3.145
P	1.785	<0.050	2.455	1.715	1.275	2.040
Q	1.764	<0.1				
R	1.95	<0.05	2.98	1.50	1.59	2.75
S	1.93	<0.05	2.98	1.61	1.51	2.58
T	1.50	<0.10	2.53	1.40	1.41	2.34
U						
V	1.72	<0.05	2.56	1.48	1.55	2.57
W	1.70	<0.1	2.85	1.80	1.37	2.26
X						
Y	1.67	<0.1	2.95	1.42	1.44	2.64
AA			1.48		1.11	
AB	1.73	<0.05	2.45	1.47	1.55	2.83

All data in µg/L

Uncertainties Sample CB06A

	Bromodichloro-methane ±	Dibromochloro-methane ±	Dichloro-methane ±	1,2-Dichloro-ethane ±	cis-1,2-Dichloroethene ±	trans-1,2-Dichloroethene ±
Target value	0.09		0.13	0.07	0.07	0.12
IFA Result	0.27		0.41	0.21	0.22	0.34
Stability test	0.26		0.41	0.23	0.22	0.35
A						
B	0.38		0.58	0.32	0.32	0.55
C	0.586		0.576	0.372	0.220	0.381
D	0.51		0.74	0.36	0.21	0.55
E	0.22		0.32	0.22	0.20	0.34
F	0.35		0.44	0.29	0.28	0.42
G	0.459	0.030	0.702	0.351	0.348	0.580
H	0.39		0.82	0.23	0.40	0.85
I	0.48		0.67	0.48	0.47	0.84
J	0.29	0.02	0.46	0.25	0.23	0.38
K	0.35		0.72	0.31	0.50	0.66
L	0.24		0.51		0.36	0.71
M	0.50	0.03	0.76	0.42	0.32	0.68
N	0.36		0.56	0.31	0.30	0.50
O	0.116		0.280	0.206	0.160	0.114
P	0.446	0.013	0.712	0.583	0.293	0.530
Q	0.353					
R	0.39	0.01	0.60	0.30	0.32	0.55
S	0.35		0.54	0.29	0.27	0.46
T	0.021		0.018	0.007	0.006	0.015
U						
V	0.34		0.51	0.30	0.31	0.51
W	0.26		0.43	0.27	0.21	0.34
X						
Y	0.42		0.74	0.34	0.27	0.53
AA			0.24		0.15	
AB	0.077		0.082	0.049	0.071	0.154

All data in µg/L

Results Sample CB06B

	Trichloro-ethene	Tetrachloro-ethene	1,1,1-Tri-chloroethane	Trichloro-methane	Tetrachloro-methane	1,1-Dichloro-ethene	Tribromo-methane
Target value	2.55	2.19	0.17	1.57	<0.06	3.67	1.66
IFA Result	2.51	2.13	0.16	1.58	<0.07	3.75	1.65
Stability test	2.57	2.14	0.15	1.57	<0.07	3.85	1.59
A				0.752			
B	2.89	2.48	<0.5	1.79	<0.5	5.20	1.69
C	2.198	1.284	0.158	1.485	<0.05	4.608	
D	1.74	2.21	0.195	1.76	<0.020	3.79	1.46
E	2.53	2.28	0.20	1.52	<0.05	4.18	1.77
F	2.78	2.37	0.21	1.87	<0.04	4.08	1.75
G	2.16	1.85	0.156	1.44	<0.100	3.45	1.45
H	2.28	2.53	<1.0	1.67	<1.0	3.99	1.12
I	2.59	2.63	0.19	1.63	<0.4	4.87	1.24
J	1.67	1.96	0.21	1.62	<0.1	3.83	1.53
K	2.43	1.95	0.19	1.65	<0.08	8.00	1.37
L	2.1	2.0	0.13	1.4	<0.1	5.2	1.4
M	2.61	2.10	0.16	1.87	<0.1	4.39	1.82
N	2.82	2.29	0.21	1.50	<0.02	4.46	1.56
O	2.446	2.601	0.167	1.511	<0.1	3.507	1.403
P	2.530	1.715	0.148	1.420	<0.050	3.480	1.870
Q	2.504	2.127	0.180	1.665	<0.1		1.619
R	2.75	2.24	0.21	1.77	<0.05	3.91	1.88
S	2.63	2.08	0.18	1.68	<0.05	4.09	1.74
T	2.42	2.18	0.178	1.47	<0.10	3.67	1.80
U							
V	2.56	2.09	0.18	1.55	<0.09	3.75	1.63
W	2.50	2.04	0.20	1.59	<0.1	3.77	1.62
X							
Y	2.75	2.23	0.190	1.56	<0.1	4.43	1.46
AA	2.28	1.97	0.16	0.38	<0.01		
AB	2.57	2.10	0.189	1.49	<0.05	3.98	1.59

All data in µg/L

Uncertainties Sample CB06B

	Trichloro-ethene ±	Tetrachloro-ethene ±	1,1,1-Tri-chloroethane ±	Trichloro-methane ±	Tetrachloro-methane ±	1,1-Dichloro-ethene ±	Tribromo-methane ±
Target value	0.13	0.11	0.01	0.08		0.18	0.08
IFA Result	0.38	0.32	0.02	0.24		0.56	0.25
Stability test	0.39	0.32	0.02	0.24		0.58	0.24
A							
B	0.58	0.50		0.36		1.04	0.34
C	0.484	0.411	0.036	0.401		1.889	
D	0.40	0.71	0.041	0.45		0.95	0.32
E	0.26	0.31	0.03	0.20		0.57	0.24
F	0.56	0.47	0.04	0.37		0.82	0.35
G	0.648	0.555	0.047	0.433	0.030	1.03	0.436
H	0.66	0.63		0.38		1.20	0.35
I	0.78	0.79	0.06	0.49		1.46	0.37
J	0.25	0.29	0.03	0.24	0.02	0.57	0.23
K	0.49	0.39	0.04	0.33		1.60	0.27
L	0.40	0.37	0.023	0.23		1.5	0.26
M	0.68	0.55	0.04	0.48	0.03	1.14	0.47
N	0.56	0.46	0.04	0.30		0.89	0.31
O	0.253	0.198	0.016	0.161		0.085	0.340
P	0.835	0.566	0.033	0.383	0.010	0.557	0.561
Q	0.426	0.320	0.031	0.333			0.372
R	0.55	0.45	0.04	0.35	0.01	0.78	0.38
S	0.47	0.37	0.03	0.30		0.74	0.31
T	0.024	0.038	0.003	0.008		0.038	0.025
U							
V	0.51	0.42	0.04	0.31		0.75	0.33
W	0.38	0.31	0.03	0.24		0.57	0.24
X							
Y	0.20	0.19	0.04	0.31		0.87	0.37
AA	0.27	0.17	0.02	0.07			
AB	0.114	0.067	0.007	0.087		0.127	0.083

All data in µg/L

Results Sample CB06B

	Bromodichloro-methane	Dibromochloro-methane	Dichloro-methane	1,2-Dichloro-ethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene
Target value	0.58	0.44	6.20	0.47	2.89	<0.04
IFA Result	0.61	0.45	6.51	0.47	2.91	<0.02
Stability test	0.61	0.44	6.49	0.52	2.95	<0.02
A			6.755	0.406		
B	0.70	<0.5	6.94	0.57	3.08	<0.5
C	0.709	0.510	4.985	0.449	2.815	<0.05
D	0.575	0.405	6.52	0.504	2.27	0.036
E	0.59	0.47	7.01	0.59	2.98	<0.05
F	0.69	0.48	5.85	0.63	3.00	<0.10
G	0.529	0.396	5.67	0.446	2.42	<0.100
H	<1.0	<1.0	6.06	<1.0	3.03	<1.0
I	0.51	0.37	5.04	0.61	3.04	<0.4
J	0.64	0.49	7.04	0.58	2.89	<0.1
K	0.60	0.41	8.33	0.61	4.92	<0.08
L	0.53	0.39	5.9	<2	2.7	<0.5
M	0.63	0.54	7.44	0.56	2.72	<0.1
N	0.60	0.45	6.52	0.51	3.00	<0.5
O	0.568	0.381	6.230	0.548	2.927	<0.1
P	0.630	0.454	5.960	0.668	2.490	<0.080
Q	0.573	0.457				
R	0.62	0.48	7.30	0.58	3.25	<0.05
S	0.61	0.48	7.14	0.58	2.97	<0.05
T	0.478	0.405	5.95	0.471	2.77	<0.10
U						
V	0.49	0.42	6.16	0.52	2.93	<0.02
W	0.57	0.44	6.87	<0.5	2.83	<0.5
X						
Y	0.560	0.385	6.56	0.526	2.92	<0.5
AA			4.25		2.62	
AB	0.526	0.409	5.42	0.520	3.01	<0.05

All data in µg/L

Uncertainties Sample CB06B

	Bromodichloro-methane ±	Dibromochloro-methane ±	Dichloro-methane ±	1,2-Dichloro-ethane ±	cis-1,2-Dichloroethene ±	trans-1,2-Dichloroethene ±
Target value	0.03	0.02	0.31	0.02	0.14	
IFA Result	0.09	0.07	0.98	0.07	0.44	
Stability test	0.09	0.07	0.97	0.08	0.44	
A						
B	0.21		1.39	0.17	0.62	
C	0.191	0.194	1.396	0.126	0.422	
D	0.144	0.103	1.63	0.119	0.38	0.008
E	0.08	0.05	0.77	0.08	0.40	
F	0.14	0.09	1.17	0.13	0.60	
G	0.159	0.119	1.70	0.134	0.726	0.030
H			1.82		0.91	
I	0.15	0.11	1.51	0.18	0.91	
J	0.10	0.07	1.06	0.09	0.43	0.02
K	0.12	0.08	1.67	0.12	0.98	
L	0.076	0.065	1.2		0.68	
M	0.16	0.14	1.94	0.14	0.71	0.03
N	0.12	0.09	1.30	0.10	0.60	
O	0.089	0.060	0.661	0.068	0.311	
P	0.158	0.118	1.728	0.227	0.573	0.021
Q	0.120	0.091				
R	0.12	0.10	1.46	0.12	0.65	0.01
S	0.11	0.09	1.3	0.10	0.53	
T	0.006	0.009	0.036	0.007	0.015	
U						
V	0.10	0.08	1.23	0.10	0.59	
W	0.09	0.07	1.03		0.42	
X						
Y	0.14	0.10	1.64	0.13	0.54	
AA			0.75		0.45	
AB	0.087	0.069	0.445	0.049	0.078	

All data in µg/L

Sample B-CB06A

Parameter MTBE

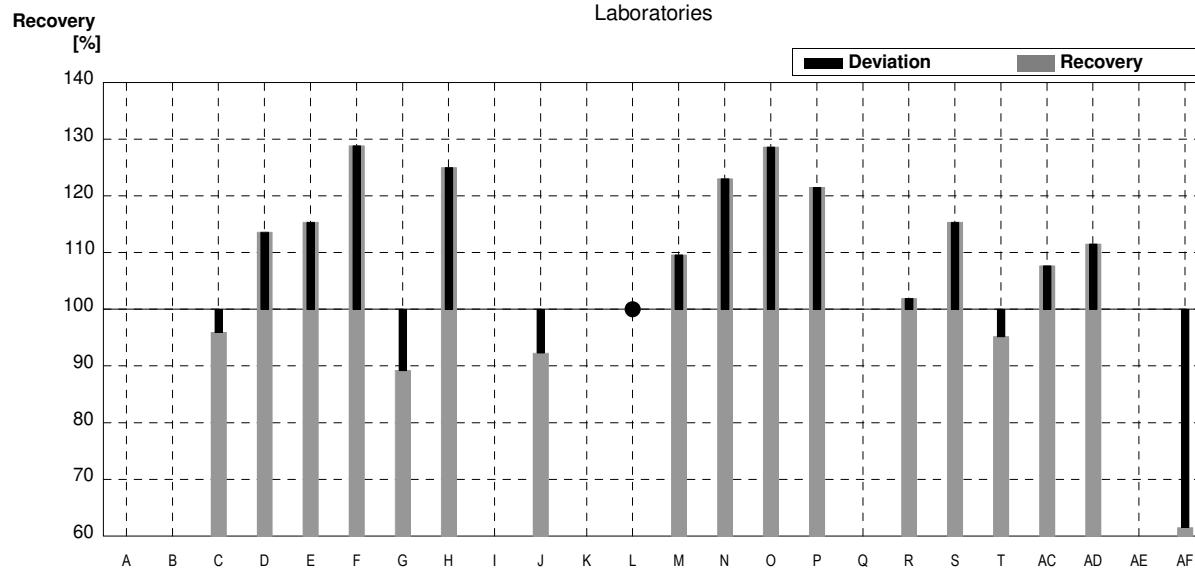
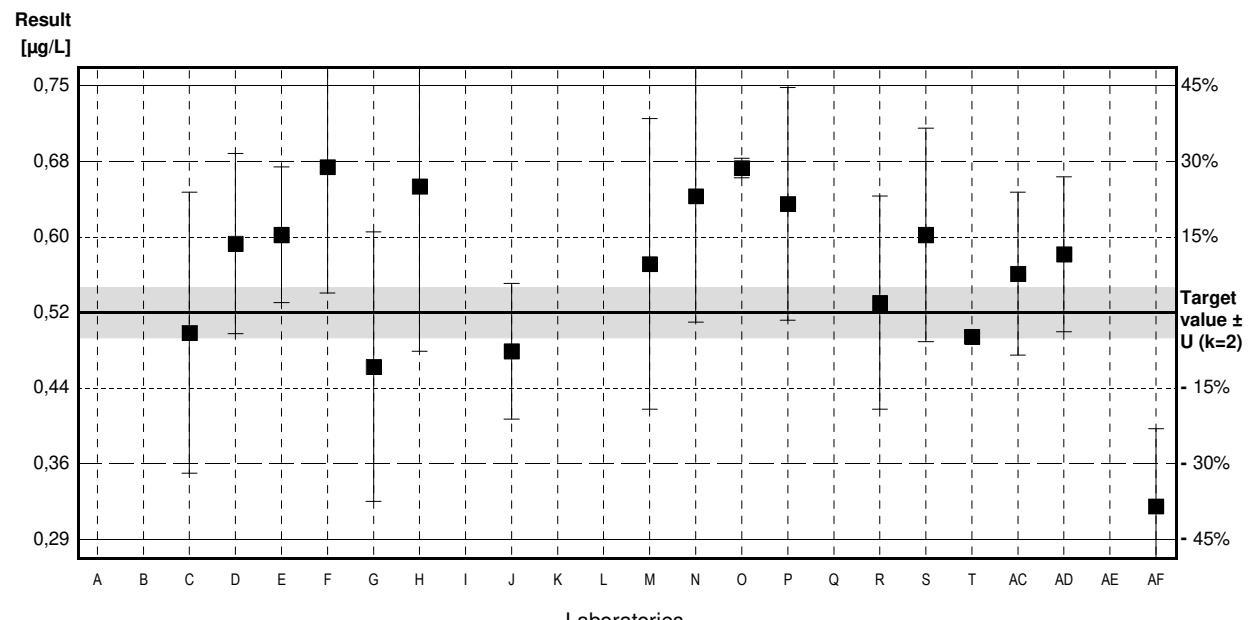
Target value $\pm U$ ($k=2$) 0,52 µg/L \pm 0,03 µg/L

IFA result $\pm U$ ($k=2$) 0,57 µg/L \pm 0,09 µg/L

Stability test $\pm U$ ($k=2$) 0,59 µg/L \pm 0,09 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B			µg/L		
C	0,499	0,145	µg/L	96%	-0,27
D	0,591	0,093	µg/L	114%	0,91
E	0,60	0,07	µg/L	115%	1,03
F	0,67	0,13	µg/L	129%	1,92
G	0,464	0,139	µg/L	89%	-0,72
H	0,65	0,17	µg/L	125%	1,67
I			µg/L		
J	0,48	0,07	µg/L	92%	-0,51
K			µg/L		
L	<0,5		µg/L	*	
M	0,57	0,15	µg/L	110%	0,64
N	0,64	0,13	µg/L	123%	1,54
O	0,669	0,01	µg/L	129%	1,91
P	0,632	0,120	µg/L	122%	1,44
Q			µg/L		
R	0,53	0,11	µg/L	102%	0,13
S	0,60	0,11	µg/L	115%	1,03
T	0,495	0,005	µg/L	95%	-0,32
AC	0,56	0,084	µg/L	108%	0,51
AD	0,58	0,08	µg/L	112%	0,77
AE			µg/L		
AF	0,320	0,080	µg/L	62%	-2,56

	All results	Outliers excl.	Unit
Mean \pm CI(99%)	0,56 \pm 0,06	0,56 \pm 0,06	µg/L
Recov. \pm CI(99%)	108,0 \pm 12,3	108,0 \pm 12,3	%
SD between labs	0,09	0,09	µg/L
RSD between labs	16,1	16,1	%
n for calculation	17	17	



Sample B-CB06B

Parameter MTBE

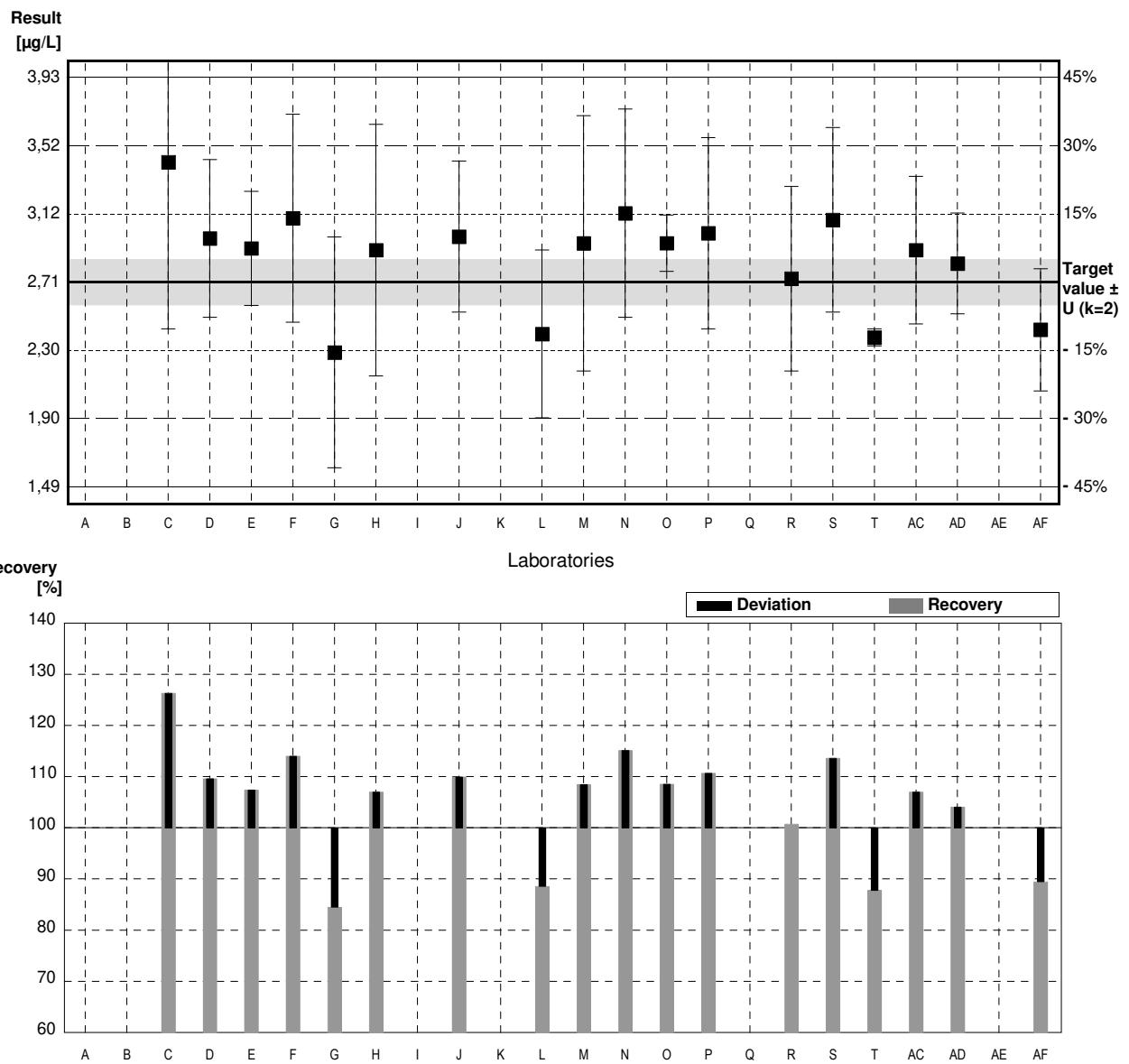
Target value $\pm U$ ($k=2$) 2,71 µg/L \pm 0,14 µg/L

IFA result $\pm U$ ($k=2$) 2,81 µg/L \pm 0,42 µg/L

Stability test $\pm U$ ($k=2$) 2,93 µg/L \pm 0,44 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B			µg/L		
C	3,424	0,993	µg/L	126%	1,76
D	2,97	0,47	µg/L	110%	0,64
E	2,91	0,34	µg/L	107%	0,49
F	3,09	0,62	µg/L	114%	0,93
G	2,29 *	0,687	µg/L	85%	-1,03
H	2,90	0,75	µg/L	107%	0,47
I			µg/L		
J	2,98	0,45	µg/L	110%	0,66
K			µg/L		
L	2,4	0,50	µg/L	89%	-0,76
M	2,94	0,76	µg/L	108%	0,57
N	3,12	0,62	µg/L	115%	1,01
O	2,941	0,168	µg/L	109%	0,57
P	3,000	0,570	µg/L	111%	0,71
Q			µg/L		
R	2,73	0,55	µg/L	101%	0,05
S	3,08	0,55	µg/L	114%	0,91
T	2,38	0,050	µg/L	88%	-0,81
AC	2,90	0,44	µg/L	107%	0,47
AD	2,82	0,3	µg/L	104%	0,27
AE			µg/L		
AF	2,425	0,364	µg/L	89%	-0,70

	All results	Outliers excl.	Unit
Mean \pm CI(99%)	2,85 \pm 0,20	2,88 \pm 0,19	µg/L
Recov. \pm CI(99%)	105,2 \pm 7,6	106,4 \pm 7,1	%
SD between labs	0,30	0,27	µg/L
RSD between labs	10,5	9,5	%
n for calculation	18	17	



Sample B-CB06A

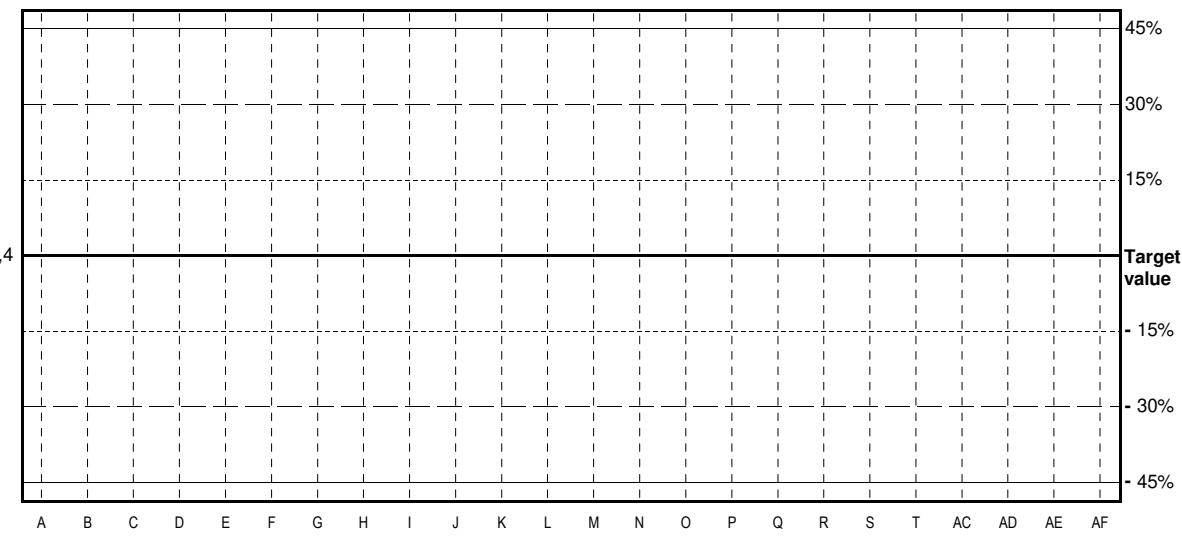
Parameter Benzene

Target value <0,4 µg/L
 IFA result <0,2 µg/L
 Stability test <0,2 µg/L

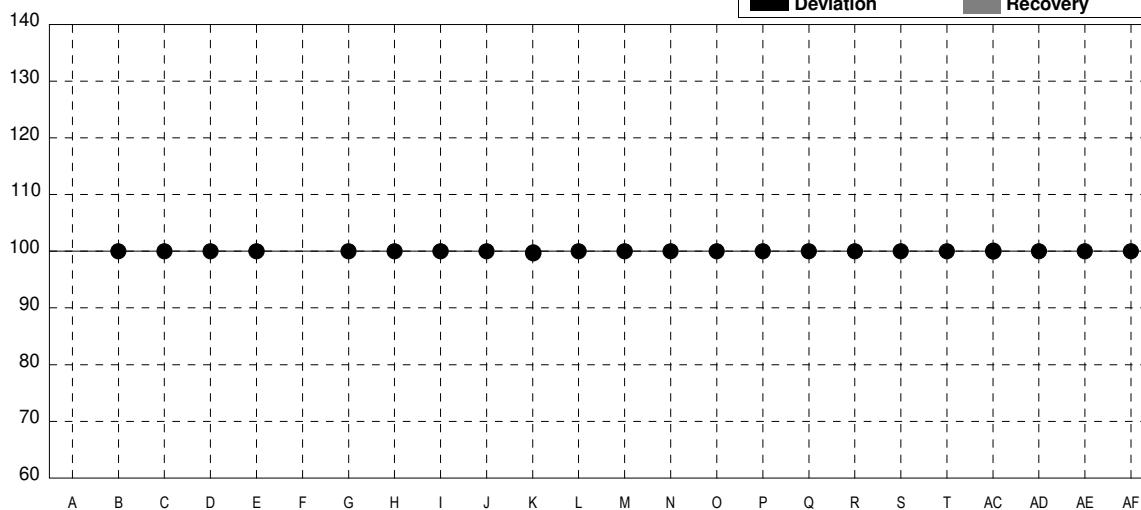
Lab Code	Result	±	Unit	Recovery	z-Score
A			µg/L		
B	<0,5		µg/L	•	
C	<0,05		µg/L	•	
D	<0,020		µg/L	•	
E	<0,05		µg/L	•	
F			µg/L		
G	<0,100	0,030	µg/L	•	
H	<0,2		µg/L	•	
I	<0,4		µg/L	•	
J	<0,5		µg/L	•	
K	<bg		µg/L	•	
L	<0,5		µg/L	•	
M	<0,1	0,03	µg/L	•	
N	<0,10		µg/L	•	
O	<0,1		µg/L	•	
P	<0,050	0,012	µg/L	•	
Q	<0,1		µg/L	•	
R	<0,05	0,01	µg/L	•	
S	<0,05		µg/L	•	
T	<0,10		µg/L	•	
AC	0		µg/L	•	
AD	<0,25		µg/L	•	
AE	<0,5	0,1	µg/L	•	
AF	<0,1		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			

Result
[µg/L]



Recovery
[%]



Sample B-CB06B

Parameter Benzene

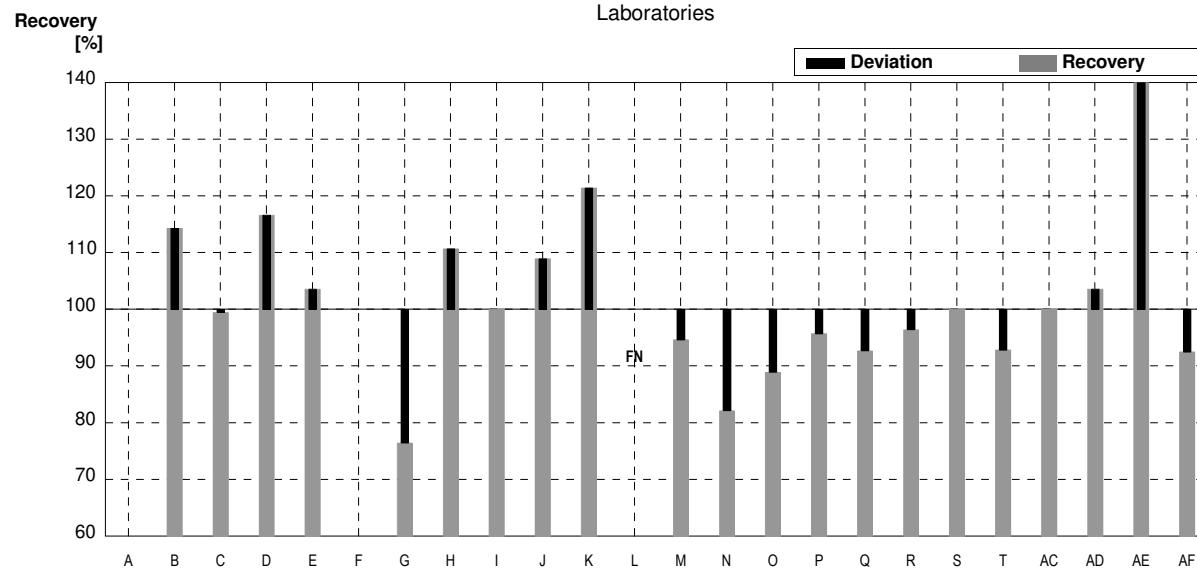
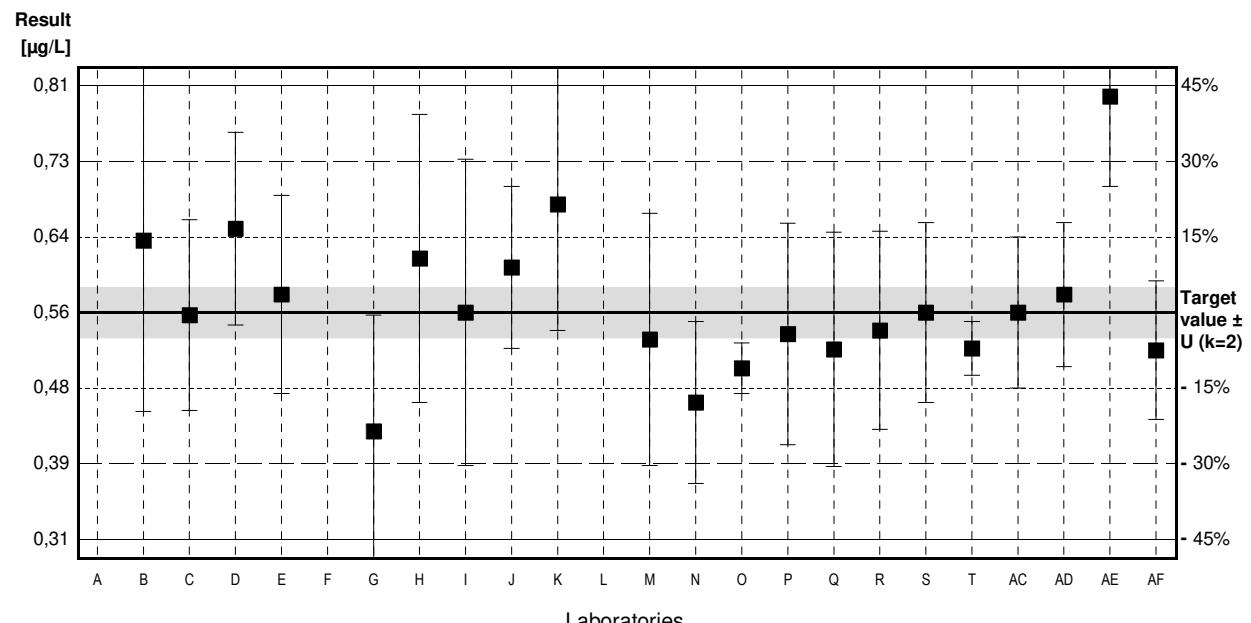
Target value $\pm U$ ($k=2$) 0,56 µg/L \pm 0,03 µg/L

IFA result $\pm U$ ($k=2$) 0,56 µg/L \pm 0,08 µg/L

Stability test $\pm U$ ($k=2$) 0,57 µg/L \pm 0,09 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	0,64	0,19	µg/L	114%	0,95
C	0,557	0,106	µg/L	99%	-0,04
D	0,653	0,107	µg/L	117%	1,11
E	0,58	0,11	µg/L	104%	0,24
F			µg/L		
G	0,428	0,129	µg/L	76%	-1,57
H	0,62	0,16	µg/L	111%	0,71
I	0,56	0,17	µg/L	100%	0,00
J	0,61	0,09	µg/L	109%	0,60
K	0,68	0,14	µg/L	121%	1,43
L	<0,5		µg/L	FN	
M	0,53	0,14	µg/L	95%	-0,36
N	0,46	0,09	µg/L	82%	-1,19
O	0,498	0,028	µg/L	89%	-0,74
P	0,536	0,123	µg/L	96%	-0,29
Q	0,519	0,130	µg/L	93%	-0,49
R	0,54	0,11	µg/L	96%	-0,24
S	0,56	0,10	µg/L	100%	0,00
T	0,520	0,030	µg/L	93%	-0,48
AC	0,56	0,084	µg/L	100%	0,00
AD	0,58	0,08	µg/L	104%	0,24
AE	0,8 *	0,1	µg/L	143%	2,86
AF	0,518	0,077	µg/L	93%	-0,50

	All results	Outliers excl.	Unit
Mean \pm CI(99%)	0,57 \pm 0,05	0,56 \pm 0,04	µg/L
Recov. \pm CI(99%)	101,6 \pm 9,0	99,5 \pm 7,1	%
SD between labs	0,08	0,06	µg/L
RSD between labs	14,2	11,2	%
n for calculation	21	20	



Sample B-CB06A

Parameter Toluene

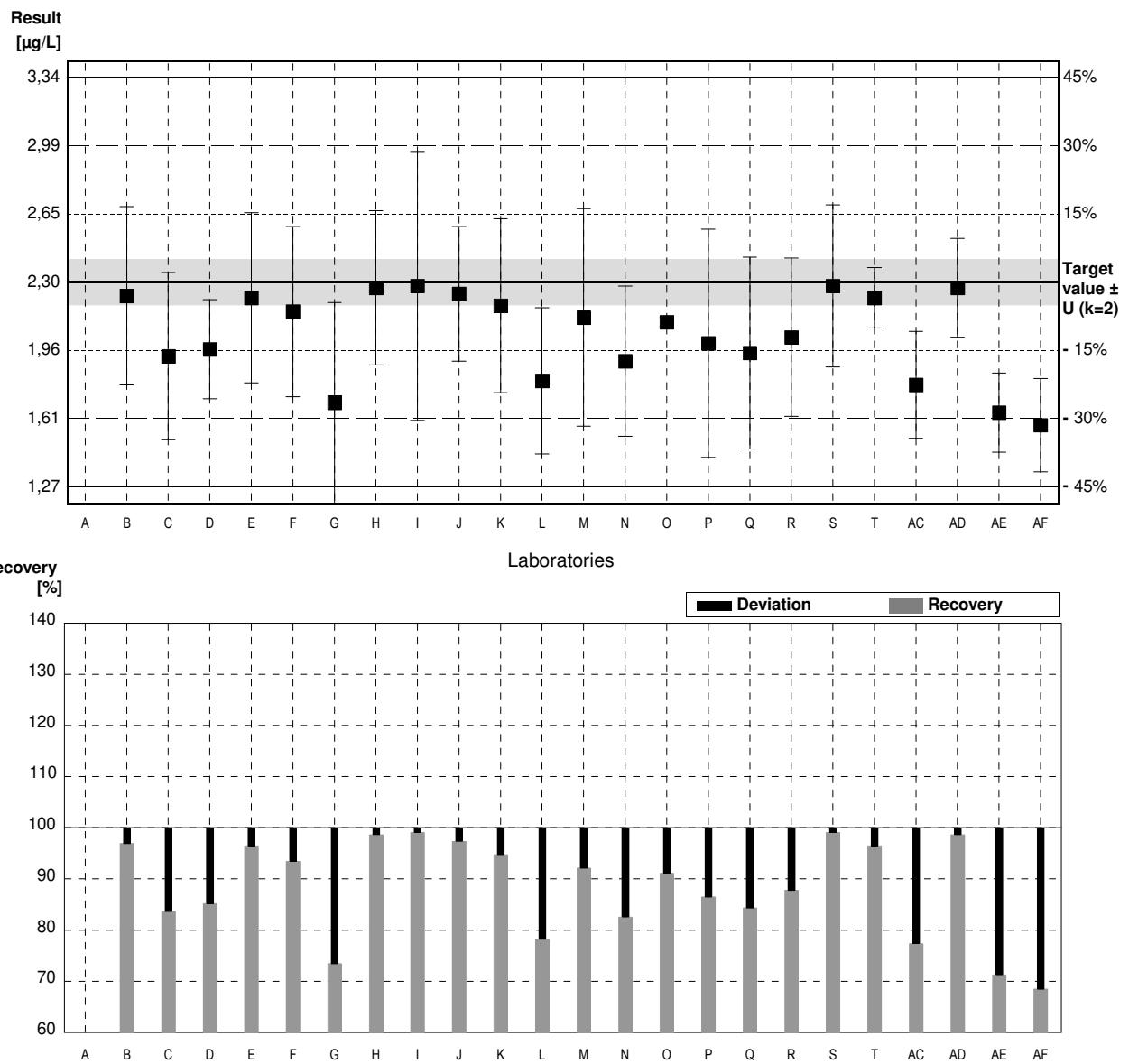
Target value $\pm U$ ($k=2$) 2,30 µg/L \pm 0,12 µg/L

IFA result $\pm U$ ($k=2$) 2,20 µg/L \pm 0,33 µg/L

Stability test $\pm U$ ($k=2$) 2,22 µg/L \pm 0,33 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	2,23	0,45	µg/L	97%	-0,22
C	1,925	0,423	µg/L	84%	-1,16
D	1,96	0,25	µg/L	85%	-1,06
E	2,22	0,43	µg/L	97%	-0,25
F	2,15	0,43	µg/L	93%	-0,47
G	1,69	0,506	µg/L	73%	-1,89
H	2,27	0,39	µg/L	99%	-0,09
I	2,28	0,68	µg/L	99%	-0,06
J	2,24	0,34	µg/L	97%	-0,19
K	2,18	0,44	µg/L	95%	-0,37
L	1,8	0,37	µg/L	78%	-1,55
M	2,12	0,55	µg/L	92%	-0,56
N	1,90	0,38	µg/L	83%	-1,24
O	2,097	0,023	µg/L	91%	-0,63
P	1,990	0,577	µg/L	87%	-0,96
Q	1,941	0,485	µg/L	84%	-1,11
R	2,02	0,40	µg/L	88%	-0,87
S	2,28	0,41	µg/L	99%	-0,06
T	2,22	0,153	µg/L	97%	-0,25
AC	1,78	0,27	µg/L	77%	-1,61
AD	2,27	0,25	µg/L	99%	-0,09
AE	1,64	0,2	µg/L	71%	-2,05
AF	1,576	0,236	µg/L	69%	-2,25

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,03 \pm 0,13	2,03 \pm 0,13	µg/L
Recov. \pm Cl(99%)	88,4 \pm 5,7	88,4 \pm 5,7	%
SD between labs	0,22	0,22	µg/L
RSD between labs	10,9	10,9	%
n for calculation	23	23	



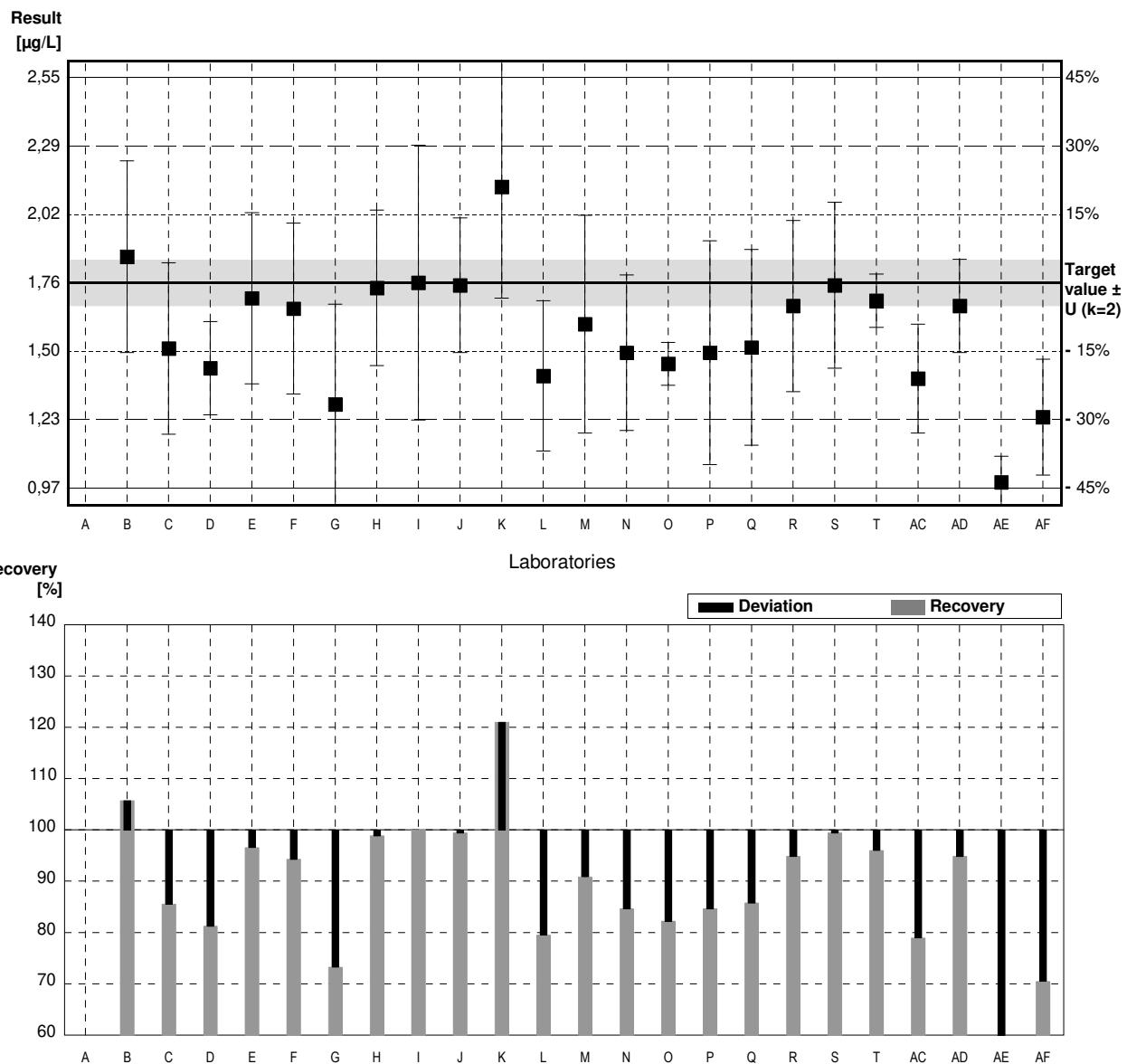
Sample B-CB06B

Parameter Toluene

Target value $\pm U$ ($k=2$) 1,76 µg/L \pm 0,09 µg/L
 IFA result $\pm U$ ($k=2$) 1,69 µg/L \pm 0,25 µg/L
 Stability test $\pm U$ ($k=2$) 1,72 µg/L \pm 0,26 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	1,86	0,37	µg/L	106%	0,41
C	1,506	0,331	µg/L	86%	-1,03
D	1,43	0,18	µg/L	81%	-1,34
E	1,70	0,33	µg/L	97%	-0,24
F	1,66	0,33	µg/L	94%	-0,41
G	1,29	0,387	µg/L	73%	-1,91
H	1,74	0,30	µg/L	99%	-0,08
I	1,76	0,53	µg/L	100%	0,00
J	1,75	0,26	µg/L	99%	-0,04
K	2,13	0,43	µg/L	121%	1,50
L	1,4	0,29	µg/L	80%	-1,46
M	1,60	0,42	µg/L	91%	-0,65
N	1,49	0,30	µg/L	85%	-1,10
O	1,447	0,083	µg/L	82%	-1,27
P	1,490	0,432	µg/L	85%	-1,10
Q	1,510	0,378	µg/L	86%	-1,01
R	1,67	0,33	µg/L	95%	-0,37
S	1,75	0,32	µg/L	99%	-0,04
T	1,69	0,103	µg/L	96%	-0,28
AC	1,39	0,21	µg/L	79%	-1,50
AD	1,67	0,18	µg/L	95%	-0,37
AE	0,99	0,1	µg/L	56%	-3,13
AF	1,241	0,223	µg/L	71%	-2,11

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,57 \pm 0,14	1,57 \pm 0,14	µg/L
Recov. \pm Cl(99%)	89,3 \pm 7,9	89,3 \pm 7,9	%
SD between labs	0,24	0,24	µg/L
RSD between labs	15,0	15,0	%
n for calculation	23	23	



Sample B-CB06A

Parameter Ethylbenzene

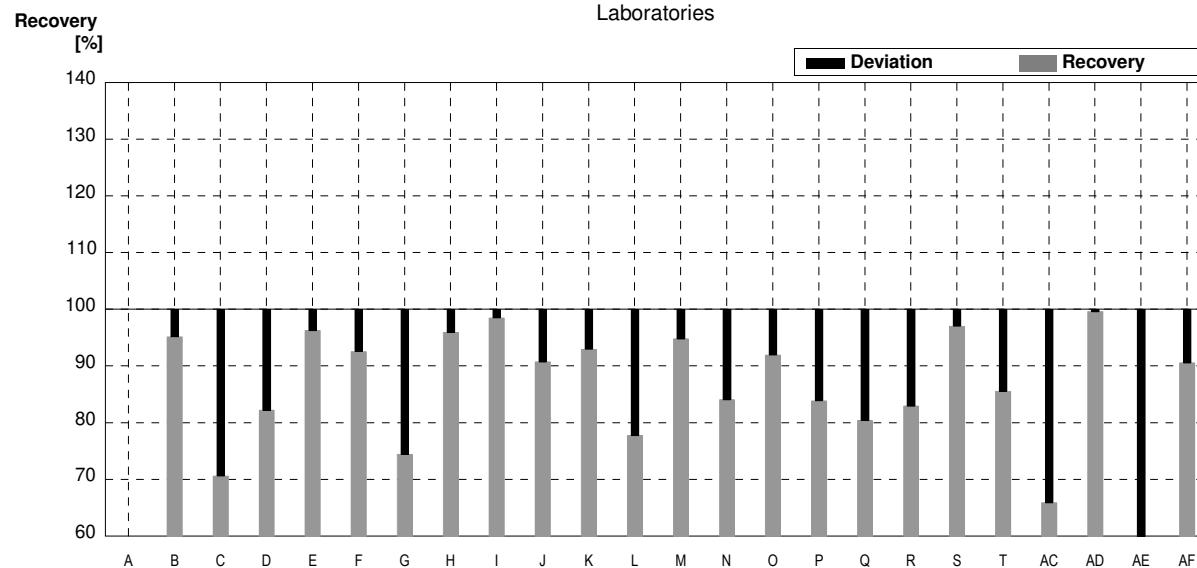
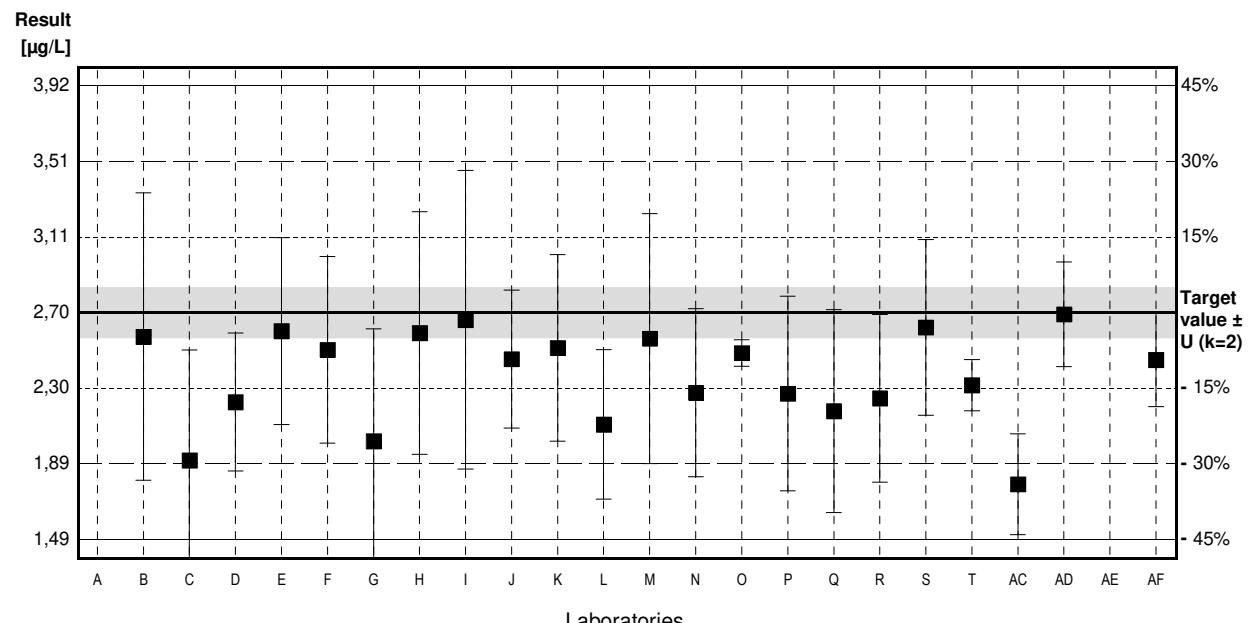
Target value $\pm U$ ($k=2$) 2,70 µg/L \pm 0,14 µg/L

IFA result $\pm U$ ($k=2$) 2,58 µg/L \pm 0,39 µg/L

Stability test $\pm U$ ($k=2$) 2,60 µg/L \pm 0,39 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	2,57	0,77	µg/L	95%	-0,28
C	1,907	0,591	µg/L	71%	-1,73
D	2,22	0,37	µg/L	82%	-1,05
E	2,60	0,50	µg/L	96%	-0,22
F	2,50	0,5	µg/L	93%	-0,44
G	2,01	0,602	µg/L	74%	-1,50
H	2,59	0,65	µg/L	96%	-0,24
I	2,66	0,80	µg/L	99%	-0,09
J	2,45	0,37	µg/L	91%	-0,54
K	2,51	0,50	µg/L	93%	-0,41
L	2,1	0,40	µg/L	78%	-1,31
M	2,56	0,67	µg/L	95%	-0,31
N	2,27	0,45	µg/L	84%	-0,94
O	2,483	0,071	µg/L	92%	-0,47
P	2,265	0,521	µg/L	84%	-0,95
Q	2,171	0,543	µg/L	80%	-1,15
R	2,24	0,45	µg/L	83%	-1,00
S	2,62	0,47	µg/L	97%	-0,17
T	2,31	0,137	µg/L	86%	-0,85
AC	1,78	0,27	µg/L	66%	-2,00
AD	2,69	0,28	µg/L	100%	-0,02
AE	1,31 *	0,1	µg/L	49%	-3,03
AF	2,446	0,250	µg/L	91%	-0,55

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,32 \pm 0,19	2,36 \pm 0,15	µg/L
Recov. \pm Cl(99%)	85,8 \pm 7,2	87,5 \pm 5,7	%
SD between labs	0,33	0,25	µg/L
RSD between labs	14,3	10,8	%
n for calculation	23	22	



Sample B-CB06B

Parameter Ethylbenzene

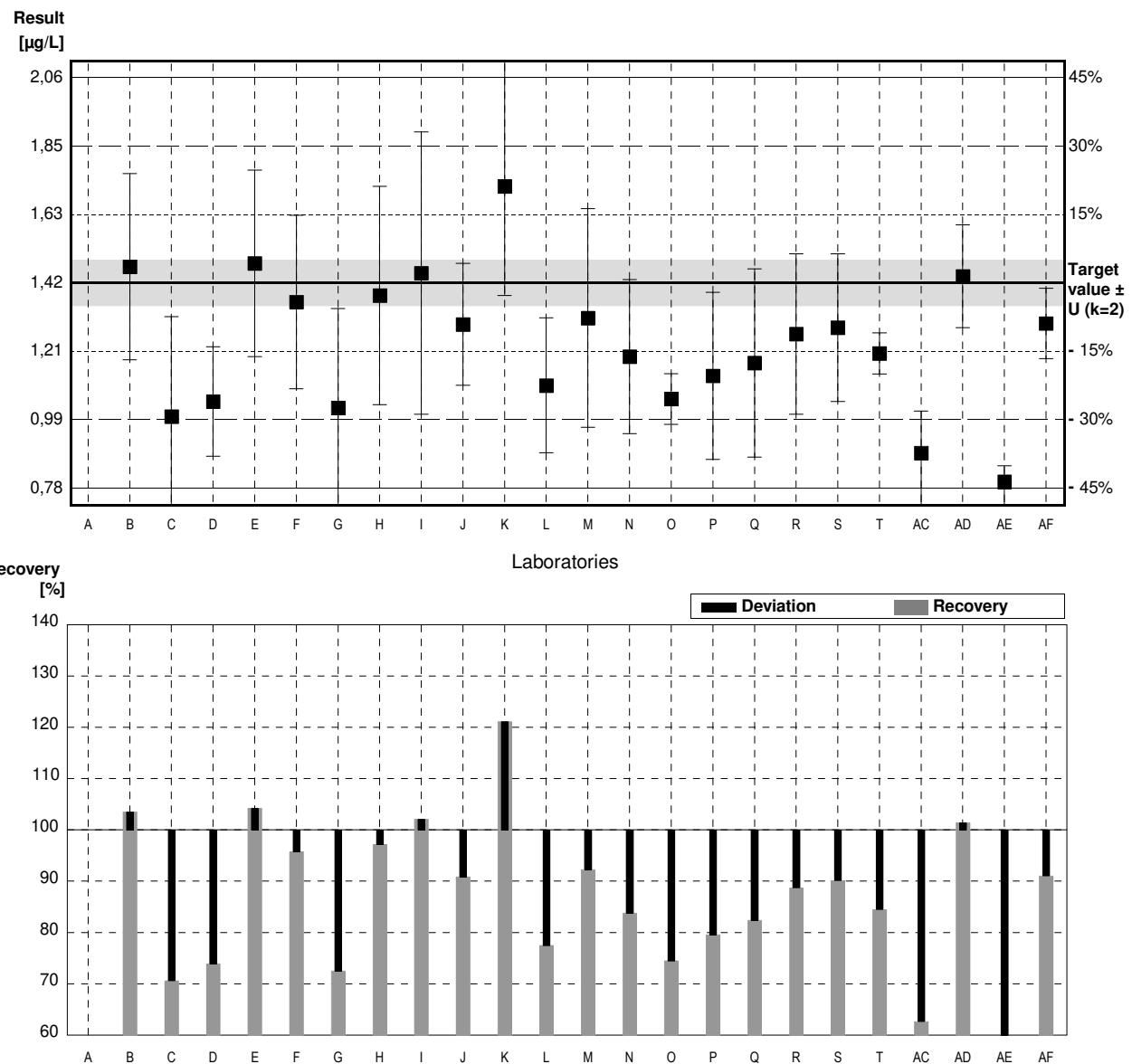
Target value $\pm U$ ($k=2$) 1,42 µg/L \pm 0,07 µg/L

IFA result $\pm U$ ($k=2$) 1,38 µg/L \pm 0,21 µg/L

Stability test $\pm U$ ($k=2$) 1,38 µg/L \pm 0,21 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	1,47	0,29	µg/L	104%	0,21
C	1,003	0,311	µg/L	71%	-1,73
D	1,05	0,17	µg/L	74%	-1,53
E	1,48	0,29	µg/L	104%	0,25
F	1,36	0,27	µg/L	96%	-0,25
G	1,03	0,309	µg/L	73%	-1,62
H	1,38	0,34	µg/L	97%	-0,17
I	1,45	0,44	µg/L	102%	0,12
J	1,29	0,19	µg/L	91%	-0,54
K	1,72	0,34	µg/L	121%	1,24
L	1,1	0,21	µg/L	77%	-1,33
M	1,31	0,34	µg/L	92%	-0,46
N	1,19	0,24	µg/L	84%	-0,95
O	1,058	0,079	µg/L	75%	-1,50
P	1,130	0,260	µg/L	80%	-1,20
Q	1,170	0,293	µg/L	82%	-1,04
R	1,26	0,25	µg/L	89%	-0,66
S	1,28	0,23	µg/L	90%	-0,58
T	1,20	0,064	µg/L	85%	-0,91
AC	0,89	0,13	µg/L	63%	-2,20
AD	1,44	0,16	µg/L	101%	0,08
AE	0,8	0,05	µg/L	56%	-2,57
AF	1,293	0,110	µg/L	91%	-0,53

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,23 \pm 0,13	1,23 \pm 0,13	µg/L
Recov. \pm Cl(99%)	86,8 \pm 8,8	86,8 \pm 8,8	%
SD between labs	0,21	0,21	µg/L
RSD between labs	17,3	17,3	%
n for calculation	23	23	



Sample B-CB06A

Parameter m,p-Xylene

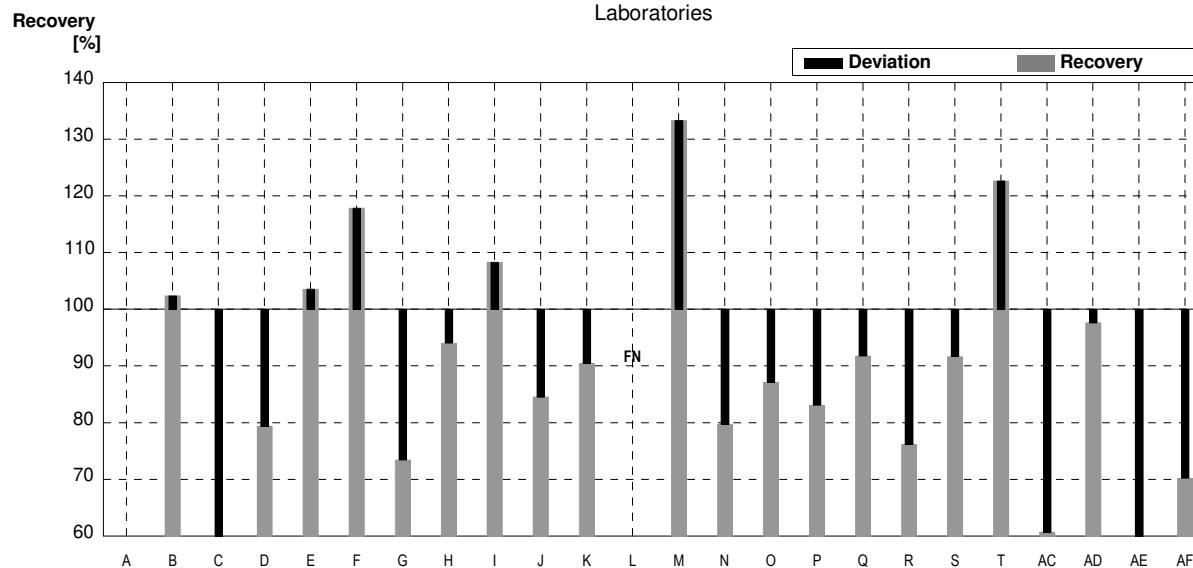
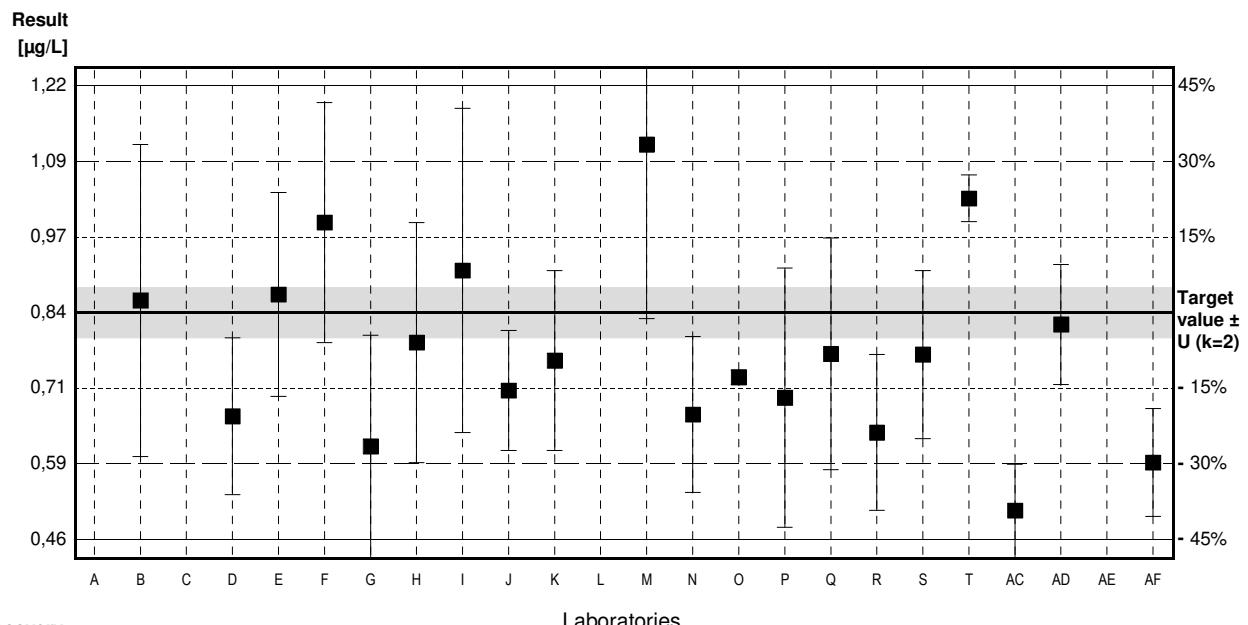
Target value $\pm U$ ($k=2$) 0.84 µg/L \pm 0.04 µg/L

IFA result $\pm U$ ($k=2$) 0.85 µg/L \pm 0.13 µg/L

Stability test $\pm U$ ($k=2$) 0.87 µg/L \pm 0.13 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	0,86	0,26	µg/L	102%	
C	0,371	0,115	µg/L	44%	
D	0,667	0,131	µg/L	79%	
E	0,87	0,17	µg/L	104%	
F	0,99	0,20	µg/L	118%	
G	0,617	0,185	µg/L	73%	
H	0,79	0,20	µg/L	94%	
I	0,91	0,27	µg/L	108%	
J	0,71	0,10	µg/L	85%	
K	0,76	0,15	µg/L	90%	
L	<0,5		µg/L	FN	
M	1,12	0,29	µg/L	133%	
N	0,67	0,13	µg/L	80%	
O	0,732	0,012	µg/L	87%	
P	0,698	0,216	µg/L	83%	
Q	0,771	0,193	µg/L	92%	
R	0,64	0,13	µg/L	76%	
S	0,77	0,14	µg/L	92%	
T	1,03	0,039	µg/L	123%	
AC	0,51	0,077	µg/L	61%	
AD	0,82	0,1	µg/L	98%	
AE	0,28	0,1	µg/L	33%	
AF	0,590	0,090	µg/L	70%	

	All results	Outliers excl.	Unit
Mean $\pm CI(99\%)$	0,74 \pm 0,12	0,74 \pm 0,12	µg/L
Recov. $\pm CI(99\%)$	87,5 \pm 14,2	87,5 \pm 14,2	%
SD between labs	0,20	0,20	µg/L
RSD between labs	26,9	26,9	%
n for calculation	22	22	



Sample B-CB06B

Parameter m,p-Xylene

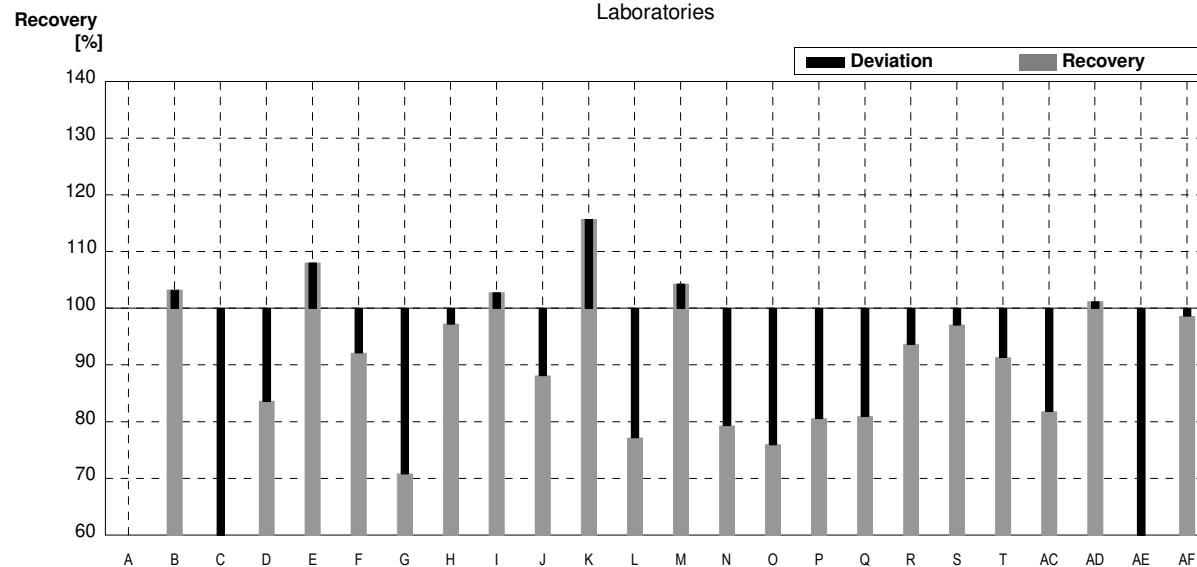
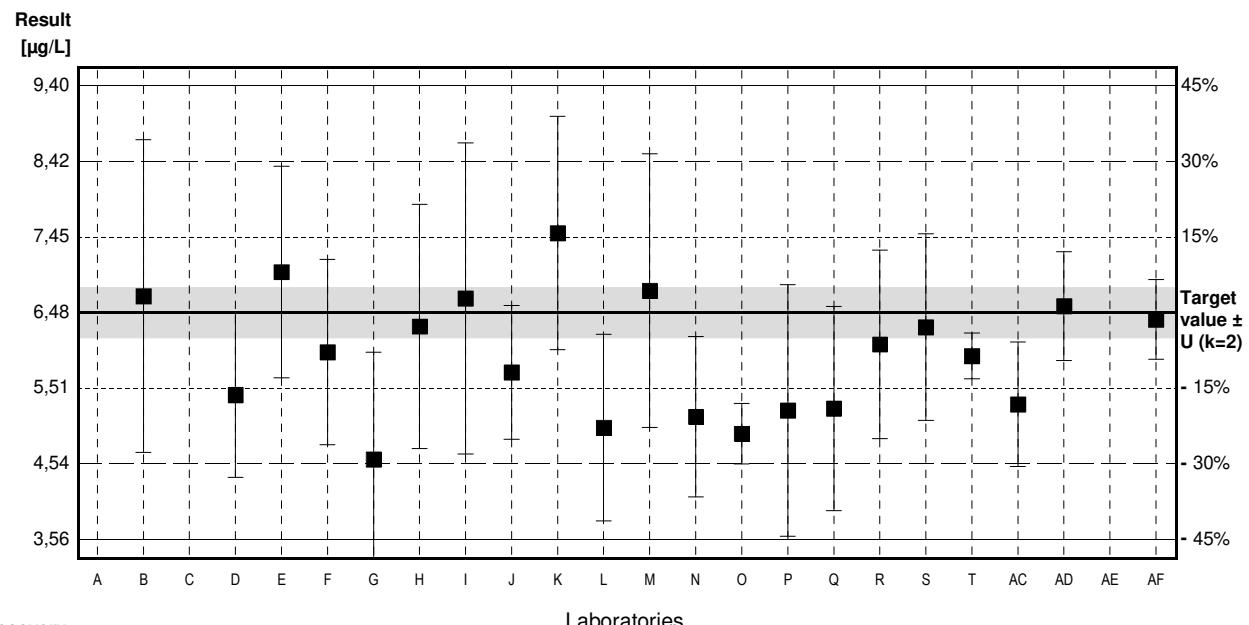
Target value $\pm U$ ($k=2$) 6,48 µg/L \pm 0,32 µg/L

IFA result $\pm U$ ($k=2$) 5,16 µg/L \pm 0,77 µg/L

Stability test $\pm U$ ($k=2$) 5,28 µg/L \pm 0,79 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	6,69	2,01	µg/L	103%	0,18
C	2,233 *	0,692	µg/L	34%	-3,64
D	5,42	1,06	µg/L	84%	-0,91
E	7,00	1,36	µg/L	108%	0,45
F	5,97	1,19	µg/L	92%	-0,44
G	4,59	1,38	µg/L	71%	-1,62
H	6,30	1,57	µg/L	97%	-0,15
I	6,66	2,00	µg/L	103%	0,15
J	5,71	0,86	µg/L	88%	-0,66
K	7,50	1,50	µg/L	116%	0,87
L	5,0	1,2	µg/L	77%	-1,27
M	6,76	1,76	µg/L	104%	0,24
N	5,14	1,03	µg/L	79%	-1,15
O	4,922	0,389	µg/L	76%	-1,34
P	5,220	1,618	µg/L	81%	-1,08
Q	5,246	1,312	µg/L	81%	-1,06
R	6,07	1,21	µg/L	94%	-0,35
S	6,29	1,2	µg/L	97%	-0,16
T	5,92	0,295	µg/L	91%	-0,48
AC	5,30	0,80	µg/L	82%	-1,01
AD	6,56	0,7	µg/L	101%	0,07
AE	3,45	0,2	µg/L	53%	-2,60
AF	6,390	0,511	µg/L	99%	-0,08

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	5,67 \pm 0,69	5,82 \pm 0,56	µg/L
Recov. \pm Cl(99%)	87,5 \pm 10,7	89,9 \pm 8,7	%
SD between labs	1,18	0,93	µg/L
RSD between labs	20,8	16,0	%
n for calculation	23	22	



Sample B-CB06A

Parameter o-Xylene

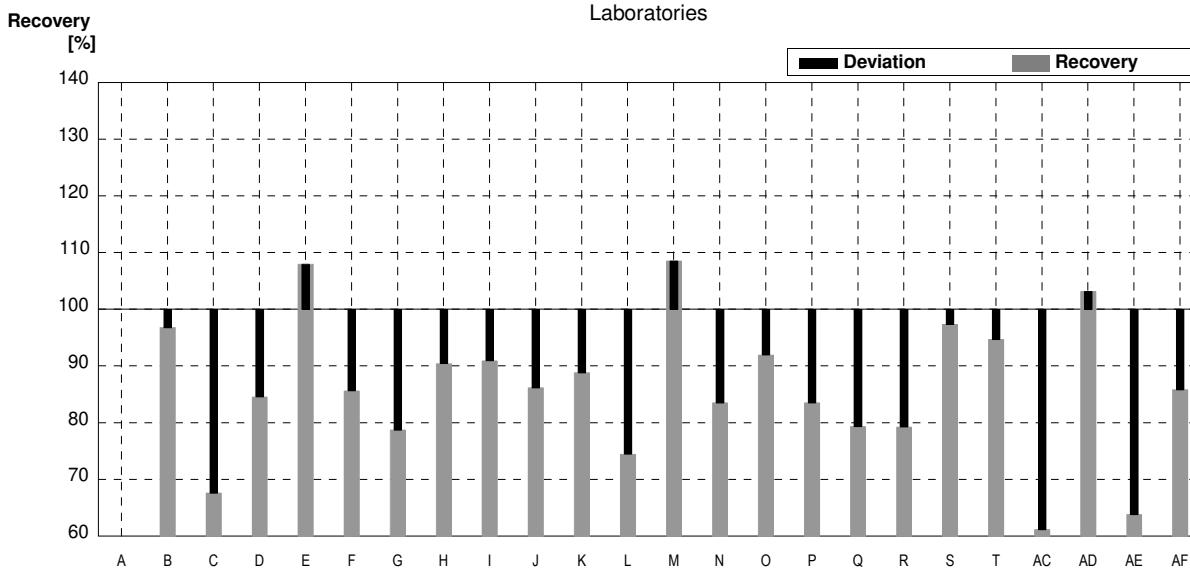
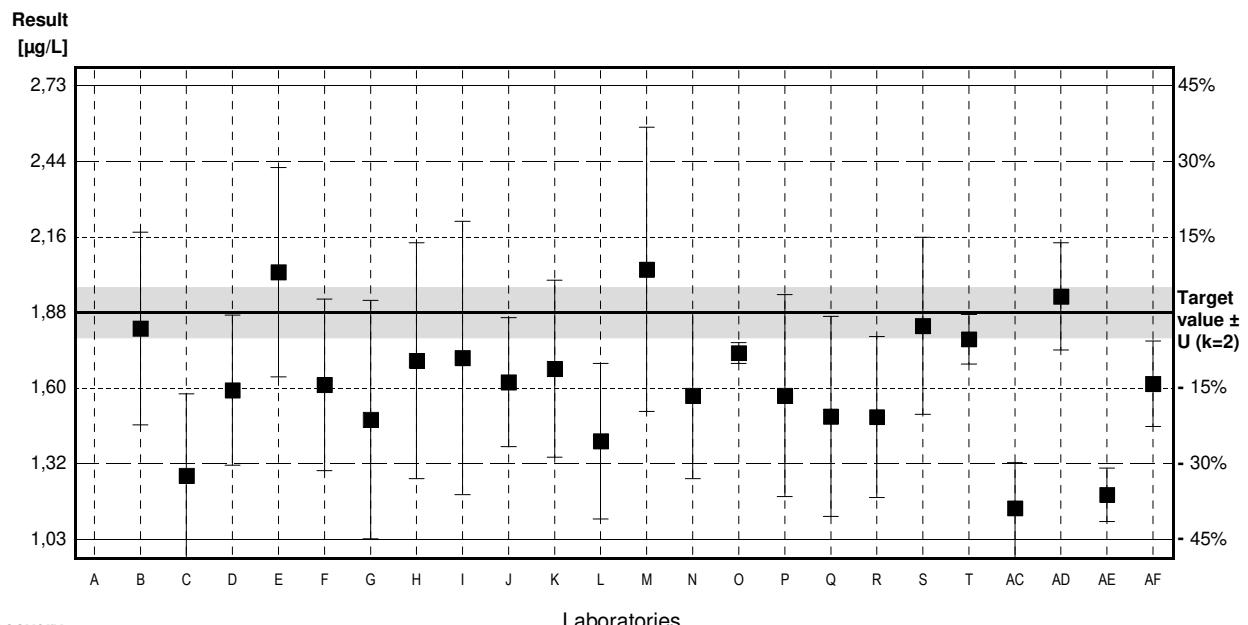
Target value $\pm U$ ($k=2$) 1,88 µg/L \pm 0,09 µg/L

IFA result $\pm U$ ($k=2$) 1,78 µg/L \pm 0,27 µg/L

Stability test $\pm U$ ($k=2$) 1,84 µg/L \pm 0,28 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	1,82	0,36	µg/L	97%	-0,20
C	1,271	0,305	µg/L	68%	-2,02
D	1,59	0,28	µg/L	85%	-0,96
E	2,03	0,39	µg/L	108%	0,50
F	1,61	0,32	µg/L	86%	-0,90
G	1,48	0,445	µg/L	79%	-1,33
H	1,70	0,44	µg/L	90%	-0,60
I	1,71	0,51	µg/L	91%	-0,57
J	1,62	0,24	µg/L	86%	-0,86
K	1,67	0,33	µg/L	89%	-0,70
L	1,4	0,29	µg/L	74%	-1,60
M	2,04	0,53	µg/L	109%	0,53
N	1,57	0,31	µg/L	84%	-1,03
O	1,729	0,039	µg/L	92%	-0,50
P	1,570	0,377	µg/L	84%	-1,03
Q	1,492	0,373	µg/L	79%	-1,29
R	1,49	0,30	µg/L	79%	-1,30
S	1,83	0,33	µg/L	97%	-0,17
T	1,78	0,093	µg/L	95%	-0,33
AC	1,15	0,17	µg/L	61%	-2,43
AD	1,94	0,2	µg/L	103%	0,20
AE	1,2	0,1	µg/L	64%	-2,26
AF	1,614	0,160	µg/L	86%	-0,88

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,62 \pm 0,14	1,62 \pm 0,14	µg/L
Recov. \pm Cl(99%)	86,3 \pm 7,3	86,3 \pm 7,3	%
SD between labs	0,23	0,23	µg/L
RSD between labs	14,5	14,5	%
n for calculation	23	23	



Sample B-CB06B

Parameter o-Xylene

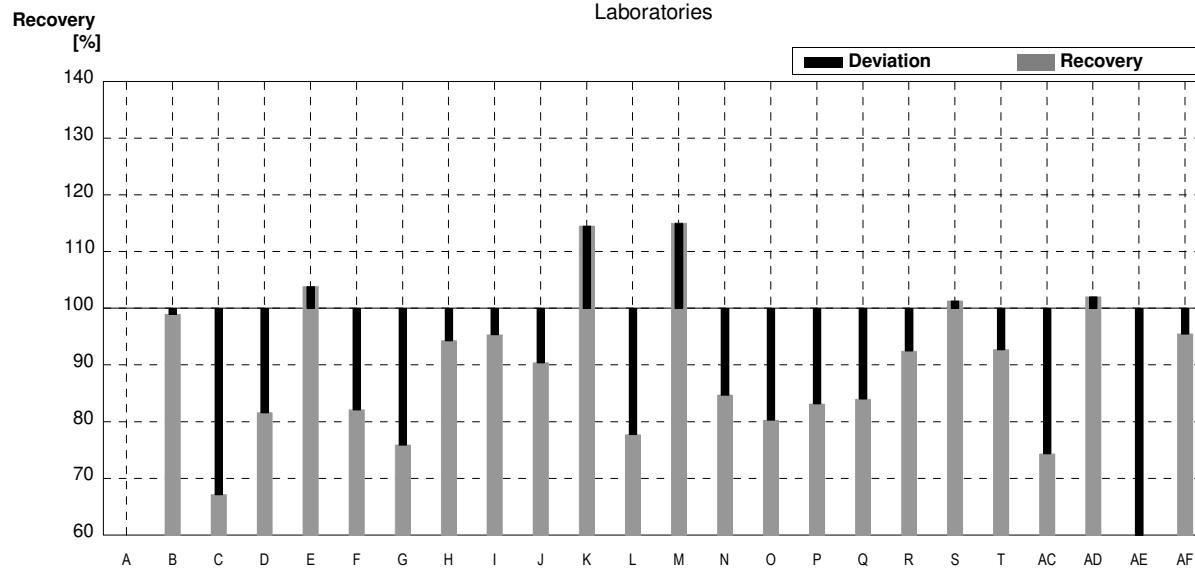
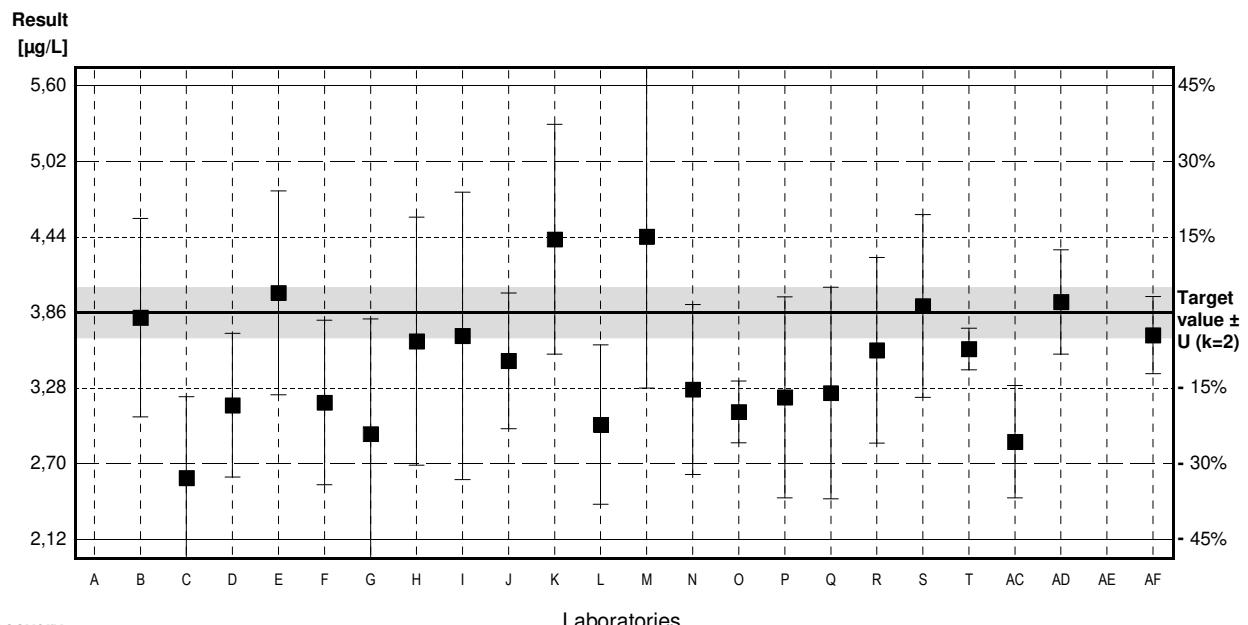
Target value $\pm U$ ($k=2$) 3,86 µg/L \pm 0,19 µg/L

IFA result $\pm U$ ($k=2$) 3,65 µg/L \pm 0,55 µg/L

Stability test $\pm U$ ($k=2$) 3,67 µg/L \pm 0,55 µg/L

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/L		
B	3,82	0,76	µg/L	99%	-0,06
C	2,593	0,622	µg/L	67%	-2,05
D	3,15	0,55	µg/L	82%	-1,15
E	4,01	0,78	µg/L	104%	0,24
F	3,17	0,63	µg/L	82%	-1,12
G	2,93	0,880	µg/L	76%	-1,51
H	3,64	0,95	µg/L	94%	-0,36
I	3,68	1,10	µg/L	95%	-0,29
J	3,49	0,52	µg/L	90%	-0,60
K	4,42	0,88	µg/L	115%	0,91
L	3,0	0,61	µg/L	78%	-1,39
M	4,44	1,16	µg/L	115%	0,94
N	3,27	0,65	µg/L	85%	-0,96
O	3,098	0,236	µg/L	80%	-1,23
P	3,210	0,770	µg/L	83%	-1,05
Q	3,243	0,811	µg/L	84%	-1,00
R	3,57	0,71	µg/L	92%	-0,47
S	3,91	0,70	µg/L	101%	0,08
T	3,58	0,158	µg/L	93%	-0,45
AC	2,87	0,43	µg/L	74%	-1,60
AD	3,94	0,4	µg/L	102%	0,13
AE	2,09	0,2	µg/L	54%	-2,87
AF	3,686	0,295	µg/L	95%	-0,28

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	3,43 \pm 0,33	3,43 \pm 0,33	µg/L
Recov. \pm Cl(99%)	88,8 \pm 8,5	88,8 \pm 8,5	%
SD between labs	0,56	0,56	µg/L
RSD between labs	16,2	16,2	%
n for calculation	23	23	



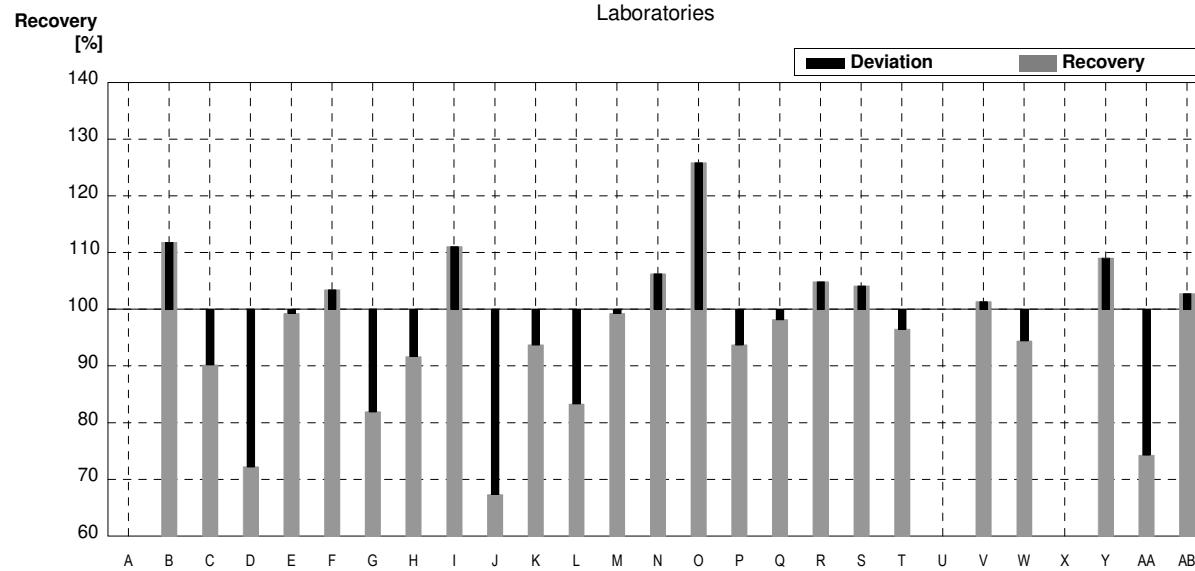
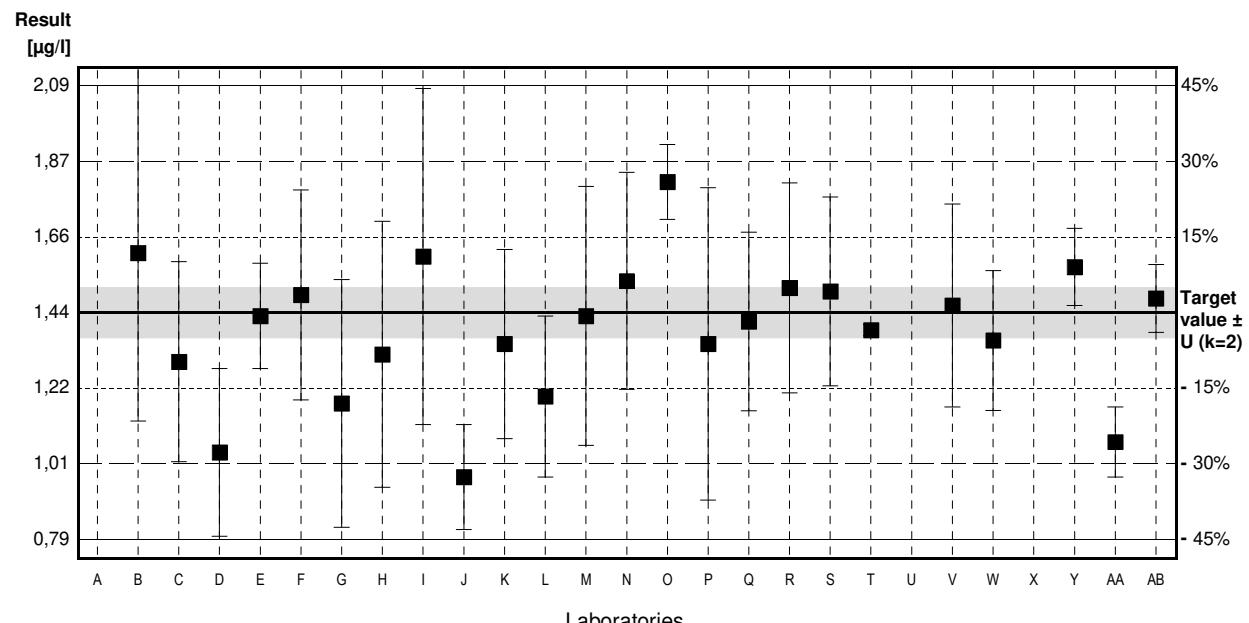
Sample C-CB06A

Parameter Trichloroethene

Target value $\pm U$ ($k=2$) 1,44 µg/l \pm 0,07 µg/l
 IFA result $\pm U$ ($k=2$) 1,42 µg/l \pm 0,21 µg/l
 Stability test $\pm U$ ($k=2$) 1,46 µg/l \pm 0,22 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	1,61	0,48	µg/l	112%	0,79
C	1,299	0,286	µg/l	90%	-0,65
D	1,04	0,24	µg/l	72%	-1,85
E	1,43	0,15	µg/l	99%	-0,05
F	1,49	0,30	µg/l	103%	0,23
G	1,18	0,354	µg/l	82%	-1,20
H	1,32	0,38	µg/l	92%	-0,56
I	1,60	0,48	µg/l	111%	0,74
J	0,97 *	0,15	µg/l	67%	-2,18
K	1,35	0,27	µg/l	94%	-0,42
L	1,2	0,23	µg/l	83%	-1,11
M	1,43	0,37	µg/l	99%	-0,05
N	1,53	0,31	µg/l	106%	0,42
O	1,813	0,107	µg/l	126%	1,73
P	1,350	0,446	µg/l	94%	-0,42
Q	1,414	0,255	µg/l	98%	-0,12
R	1,51	0,30	µg/l	105%	0,32
S	1,50	0,27	µg/l	104%	0,28
T	1,39	0,016	µg/l	97%	-0,23
U			µg/l		
V	1,46	0,29	µg/l	101%	0,09
W	1,36	0,20	µg/l	94%	-0,37
X			µg/l		
Y	1,57	0,11	µg/l	109%	0,60
AA	1,07	0,10	µg/l	74%	-1,71
AB	1,48	0,097	µg/l	103%	0,19

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,39 \pm 0,11	1,41 \pm 0,10	µg/l
Recov. \pm Cl(99%)	96,5 \pm 7,8	97,8 \pm 7,2	%
SD between labs	0,20	0,18	µg/l
RSD between labs	14,0	12,6	%
n for calculation	24	23	



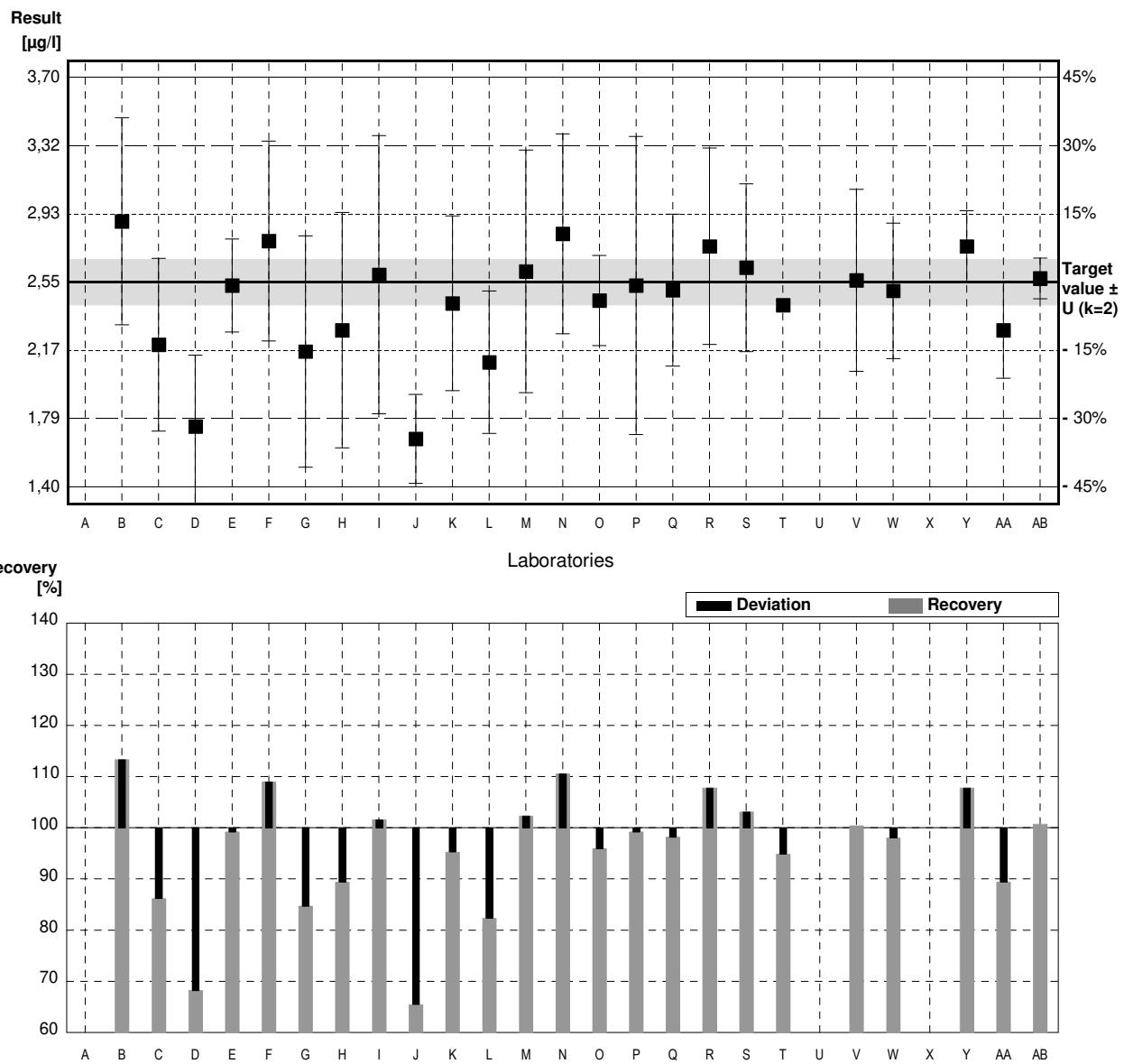
Sample C-CB06B

Parameter Trichloroethene

Target value $\pm U$ ($k=2$) 2,55 µg/l \pm 0,13 µg/l
 IFA result $\pm U$ ($k=2$) 2,51 µg/l \pm 0,38 µg/l
 Stability test $\pm U$ ($k=2$) 2,57 µg/l \pm 0,39 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	2,89	0,58	µg/l	113%	0,89
C	2,198	0,484	µg/l	86%	-0,92
D	1,74	0,40	µg/l	68%	-2,12
E	2,53	0,26	µg/l	99%	-0,05
F	2,78	0,56	µg/l	109%	0,60
G	2,16	0,648	µg/l	85%	-1,02
H	2,28	0,66	µg/l	89%	-0,71
I	2,59	0,78	µg/l	102%	0,10
J	1,67 *	0,25	µg/l	65%	-2,30
K	2,43	0,49	µg/l	95%	-0,31
L	2,1	0,40	µg/l	82%	-1,18
M	2,61	0,68	µg/l	102%	0,16
N	2,82	0,56	µg/l	111%	0,71
O	2,446	0,253	µg/l	96%	-0,27
P	2,530	0,835	µg/l	99%	-0,05
Q	2,504	0,426	µg/l	98%	-0,12
R	2,75	0,55	µg/l	108%	0,52
S	2,63	0,47	µg/l	103%	0,21
T	2,42	0,024	µg/l	95%	-0,34
U			µg/l		
V	2,56	0,51	µg/l	100%	0,03
W	2,50	0,38	µg/l	98%	-0,13
X			µg/l		
Y	2,75	0,20	µg/l	108%	0,52
AA	2,28	0,27	µg/l	89%	-0,71
AB	2,57	0,114	µg/l	101%	0,05

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,45 \pm 0,18	2,48 \pm 0,16	µg/l
Recov. \pm Cl(99%)	96,0 \pm 6,9	97,3 \pm 6,1	%
SD between labs	0,31	0,27	µg/l
RSD between labs	12,6	10,7	%
n for calculation	24	23	



Sample C-CB06A

Parameter Tetrachloroethene

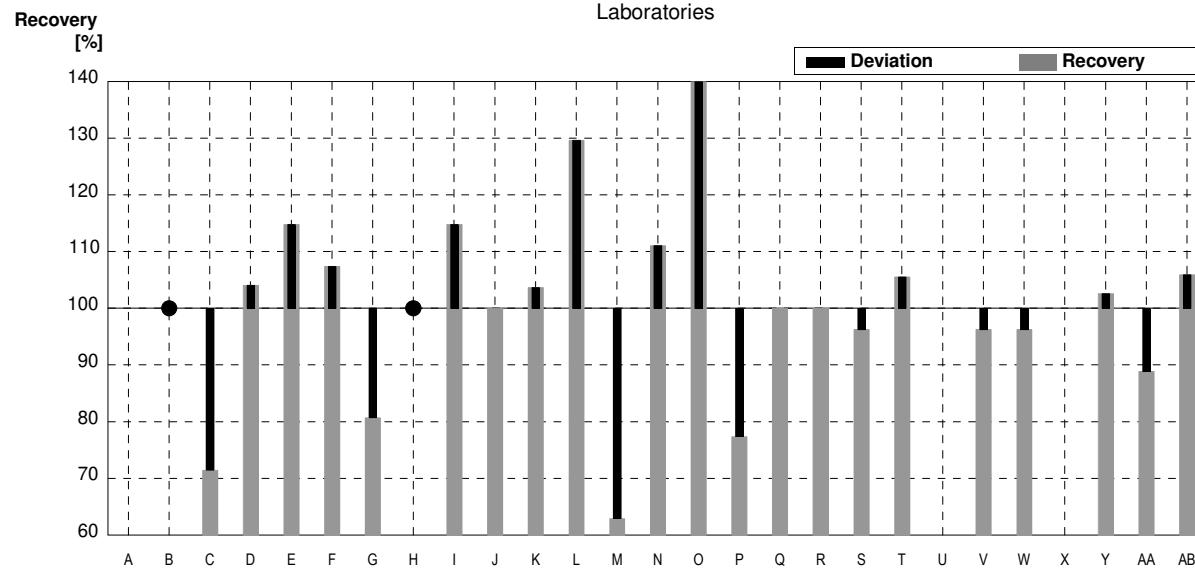
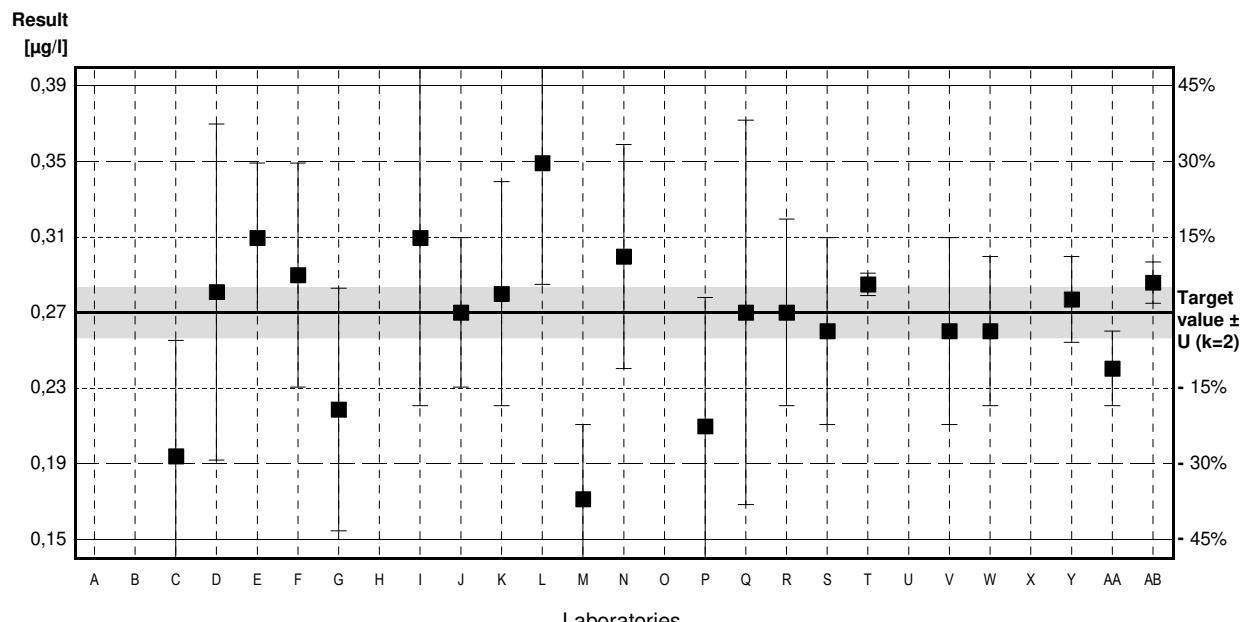
Target value $\pm U$ ($k=2$) 0,27 µg/l \pm 0,01 µg/l

IFA result $\pm U$ ($k=2$) 0,27 µg/l \pm 0,04 µg/l

Stability test $\pm U$ ($k=2$) 0,27 µg/l \pm 0,04 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	*	
C	0,193 *	0,062	µg/l	71%	-1,78
D	0,281	0,090	µg/l	104%	0,25
E	0,31	0,04	µg/l	115%	0,93
F	0,29	0,06	µg/l	107%	0,46
G	0,218	0,065	µg/l	81%	-1,20
H	<1,0		µg/l	*	
I	0,31	0,09	µg/l	115%	0,93
J	0,27	0,04	µg/l	100%	0,00
K	0,28	0,06	µg/l	104%	0,23
L	0,35 *	0,065	µg/l	130%	1,85
M	0,17 *	0,04	µg/l	63%	-2,31
N	0,30	0,06	µg/l	111%	0,69
O	0,426 *	0,022	µg/l	158%	3,61
P	0,209	0,069	µg/l	77%	-1,41
Q	0,270	0,103	µg/l	100%	0,00
R	0,27	0,05	µg/l	100%	0,00
S	0,26	0,05	µg/l	96%	-0,23
T	0,285	0,006	µg/l	106%	0,35
U			µg/l		
V	0,26	0,05	µg/l	96%	-0,23
W	0,26	0,04	µg/l	96%	-0,23
X			µg/l		
Y	0,277	0,023	µg/l	103%	0,16
AA	0,24	0,02	µg/l	89%	-0,69
AB	0,286	0,011	µg/l	106%	0,37

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	0,27 \pm 0,03	0,27 \pm 0,02	µg/l
Recov. \pm Cl(99%)	101,3 \pm 11,9	100,3 \pm 7,0	%
SD between labs	0,05	0,03	µg/l
RSD between labs	19,4	10,2	%
n for calculation	22	18	



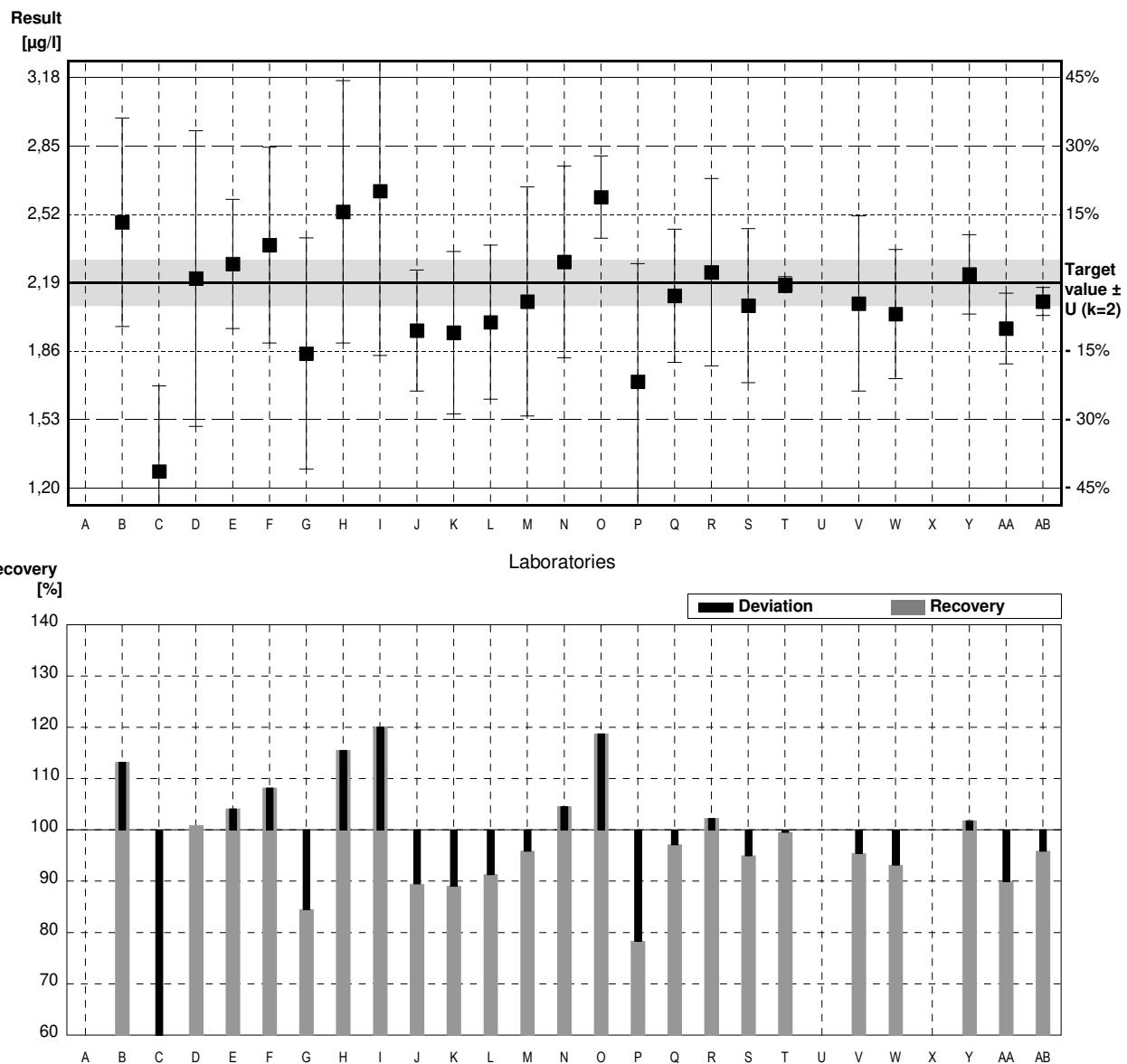
Sample C-CB06B

Parameter Tetrachloroethene

Target value $\pm U$ ($k=2$) 2,19 µg/l \pm 0,11 µg/l
 IFA result $\pm U$ ($k=2$) 2,13 µg/l \pm 0,32 µg/l
 Stability test $\pm U$ ($k=2$) 2,14 µg/l \pm 0,32 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	2,48	0,50	µg/l	113%	0,83
C	1,284 *	0,411	µg/l	59%	-2,59
D	2,21	0,71	µg/l	101%	0,06
E	2,28	0,31	µg/l	104%	0,26
F	2,37	0,47	µg/l	108%	0,51
G	1,85	0,555	µg/l	84%	-0,97
H	2,53	0,63	µg/l	116%	0,97
I	2,63	0,79	µg/l	120%	1,26
J	1,96	0,29	µg/l	89%	-0,66
K	1,95	0,39	µg/l	89%	-0,68
L	2,0	0,37	µg/l	91%	-0,54
M	2,10	0,55	µg/l	96%	-0,26
N	2,29	0,46	µg/l	105%	0,29
O	2,601	0,198	µg/l	119%	1,17
P	1,715	0,566	µg/l	78%	-1,36
Q	2,127	0,320	µg/l	97%	-0,18
R	2,24	0,45	µg/l	102%	0,14
S	2,08	0,37	µg/l	95%	-0,31
T	2,18	0,038	µg/l	100%	-0,03
U			µg/l		
V	2,09	0,42	µg/l	95%	-0,29
W	2,04	0,31	µg/l	93%	-0,43
X			µg/l		
Y	2,23	0,19	µg/l	102%	0,11
AA	1,97	0,17	µg/l	90%	-0,63
AB	2,10	0,067	µg/l	96%	-0,26

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,14 \pm 0,17	2,17 \pm 0,14	µg/l
Recov. \pm Cl(99%)	97,6 \pm 7,7	99,3 \pm 6,3	%
SD between labs	0,29	0,23	µg/l
RSD between labs	13,7	10,8	%
n for calculation	24	23	



Sample C-CB06A

Parameter 1,1,1-Trichloroethane

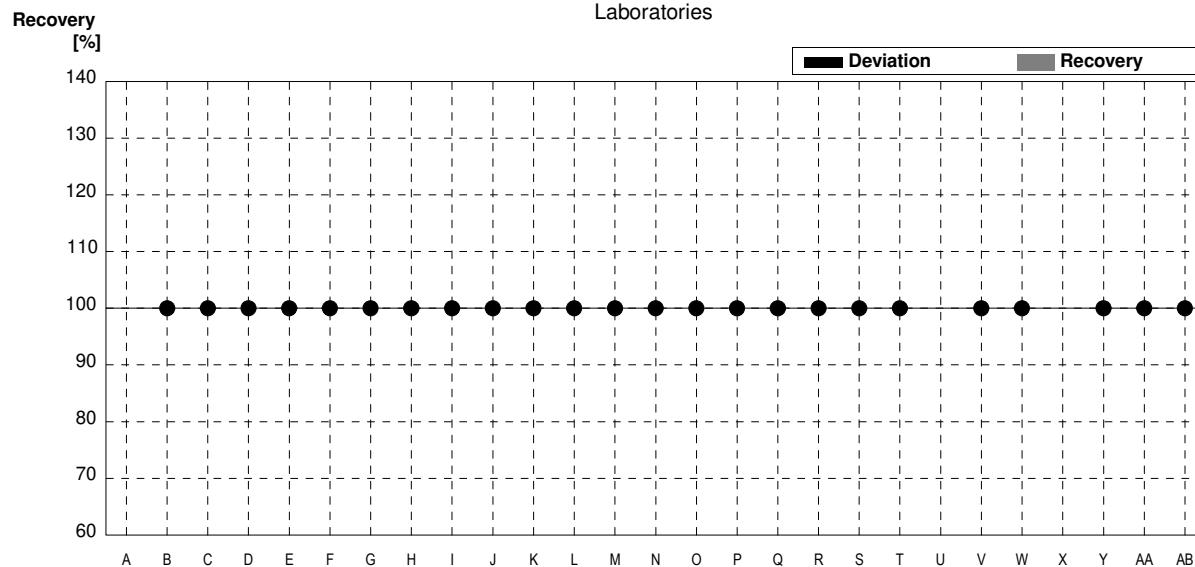
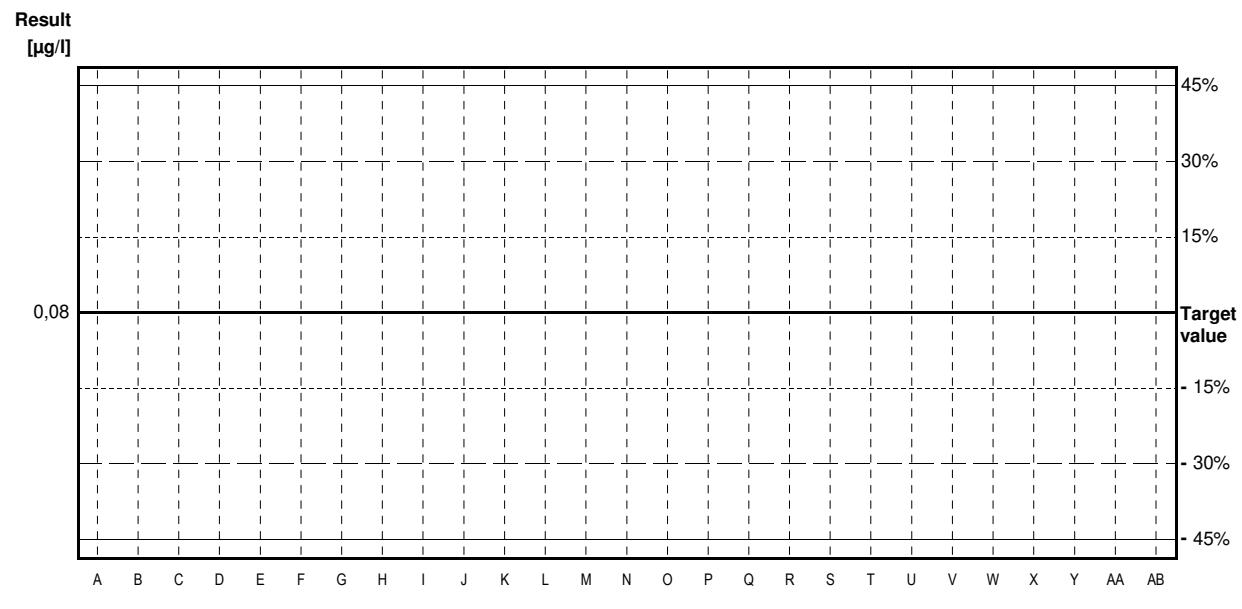
Target value <0,08 µg/l

IFA result <0,04 µg/l

Stability test <0,04 µg/l

Lab Code	Result	±	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	•	
C	<0,05		µg/l	•	
D	<0,020		µg/l	•	
E	<0,05		µg/l	•	
F	<0,06		µg/l	•	
G	<0,100	0,030	µg/l	•	
H	<1,0		µg/l	•	
I	<0,4		µg/l	•	
J	<0,1	0,02	µg/l	•	
K	<0,08		µg/l	•	
L	<0,1		µg/l	•	
M	<0,1	0,03	µg/l	•	
N	<0,10		µg/l	•	
O	<0,1		µg/l	•	
P	<0,050	0,011	µg/l	•	
Q	<0,1		µg/l	•	
R	<0,05	0,01	µg/l	•	
S	<0,05		µg/l	•	
T	<0,10		µg/l	•	
U			µg/l		
V	<0,02		µg/l	•	
W	<0,1		µg/l	•	
X			µg/l		
Y	<0,1		µg/l	•	
AA	<0,01		µg/l	•	
AB	<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 C-CB06B

Parameter 1,1,1-Trichloroethane

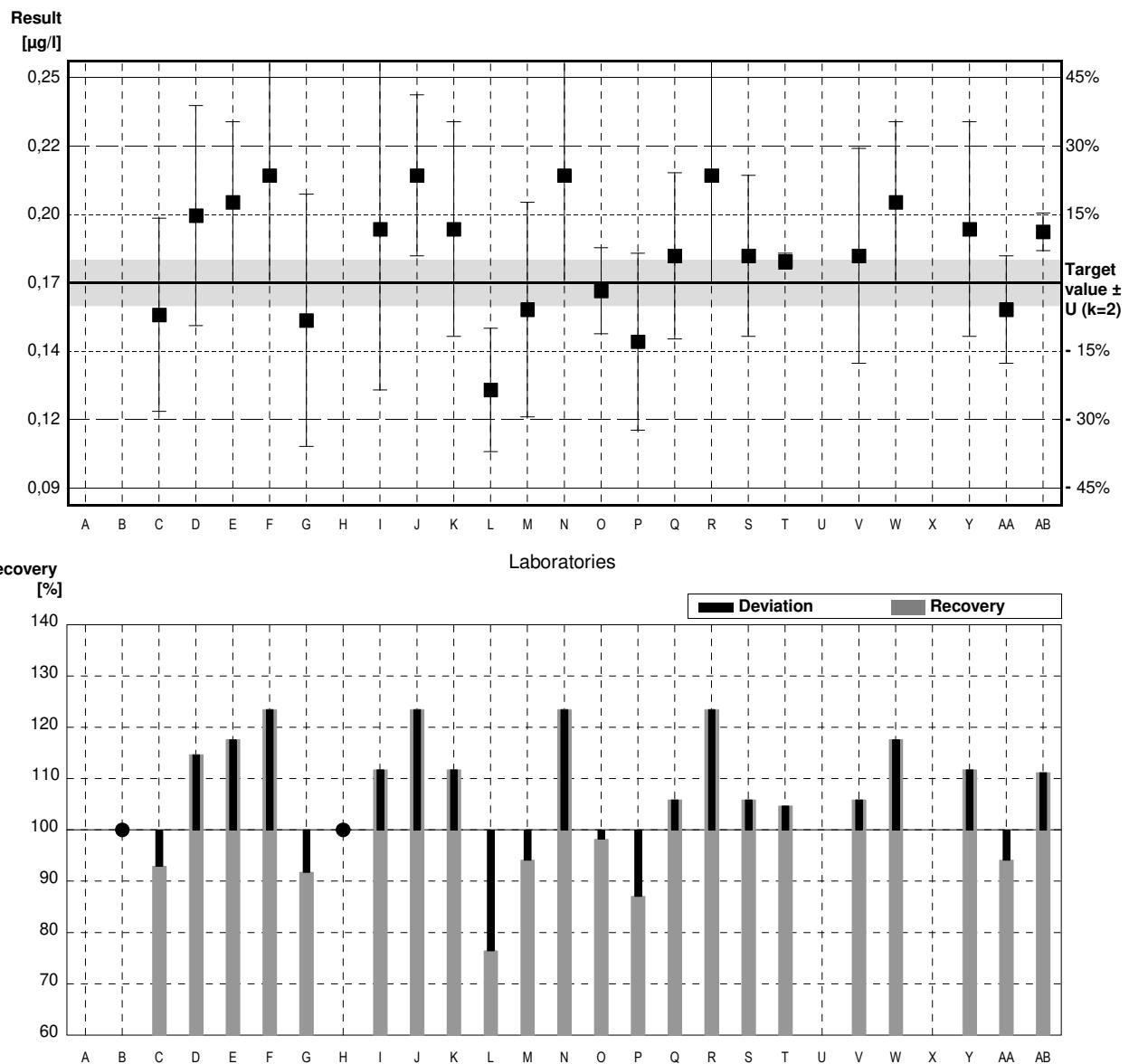
Target value $\pm U$ ($k=2$) 0,17 µg/l \pm 0,01 µg/l

IFA result $\pm U$ ($k=2$) 0,16 µg/l \pm 0,02 µg/l

Stability test $\pm U$ ($k=2$) 0,15 µg/l \pm 0,02 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	*	
C	0,158	0,036	µg/l	93%	-0,47
D	0,195	0,041	µg/l	115%	0,98
E	0,20	0,03	µg/l	118%	1,18
F	0,21	0,04	µg/l	124%	1,57
G	0,156	0,047	µg/l	92%	-0,55
H	<1,0		µg/l	*	
I	0,19	0,06	µg/l	112%	0,78
J	0,21	0,03	µg/l	124%	1,57
K	0,19	0,04	µg/l	112%	0,78
L	0,13	0,023	µg/l	76%	-1,57
M	0,16	0,04	µg/l	94%	-0,39
N	0,21	0,04	µg/l	124%	1,57
O	0,167	0,016	µg/l	98%	-0,12
P	0,148	0,033	µg/l	87%	-0,86
Q	0,180	0,031	µg/l	106%	0,39
R	0,21	0,04	µg/l	124%	1,57
S	0,18	0,03	µg/l	106%	0,39
T	0,178	0,003	µg/l	105%	0,31
U			µg/l		
V	0,18	0,04	µg/l	106%	0,39
W	0,20	0,03	µg/l	118%	1,18
X			µg/l		
Y	0,190	0,04	µg/l	112%	0,78
AA	0,16	0,02	µg/l	94%	-0,39
AB	0,189	0,007	µg/l	111%	0,75

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	0,18 \pm 0,01	0,18 \pm 0,01	µg/l
Recov. \pm Cl(99%)	106,7 \pm 7,9	106,7 \pm 7,9	%
SD between labs	0,02	0,02	µg/l
RSD between labs	12,3	12,3	%
n for calculation	22	22	



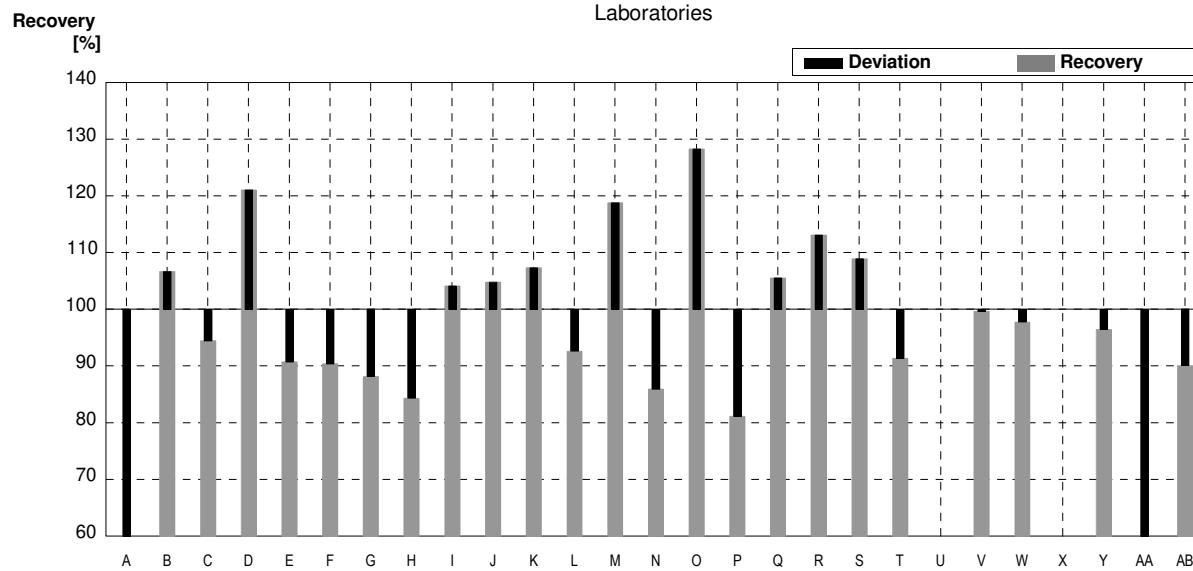
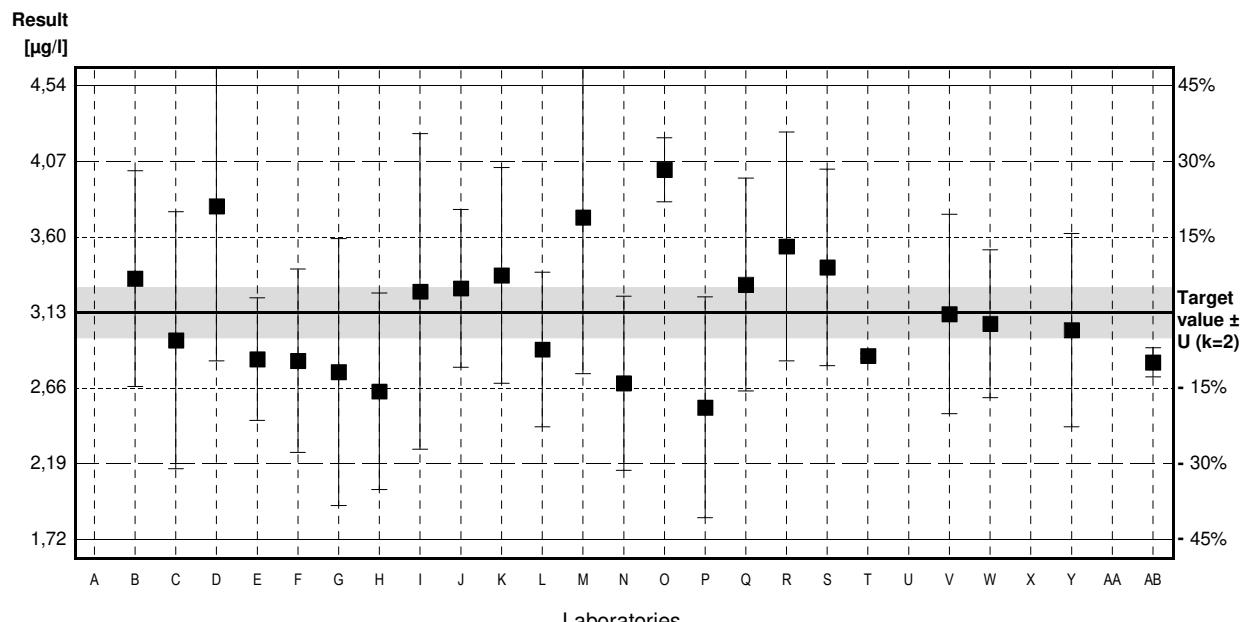
Sample C-CB06A

Parameter Trichloromethane

Target value $\pm U$ ($k=2$) 3,13 µg/l \pm 0,16 µg/l
 IFA result $\pm U$ ($k=2$) 3,09 µg/l \pm 0,46 µg/l
 Stability test $\pm U$ ($k=2$) 3,02 µg/l \pm 0,45 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A	1,448 *		µg/l	46%	-3,58
B	3,34	0,67	µg/l	107%	0,45
C	2,957	0,798	µg/l	94%	-0,37
D	3,79	0,96	µg/l	121%	1,41
E	2,84	0,38	µg/l	91%	-0,62
F	2,83	0,57	µg/l	90%	-0,64
G	2,76	0,829	µg/l	88%	-0,79
H	2,64	0,61	µg/l	84%	-1,04
I	3,26	0,98	µg/l	104%	0,28
J	3,28	0,49	µg/l	105%	0,32
K	3,36	0,67	µg/l	107%	0,49
L	2,9	0,48	µg/l	93%	-0,49
M	3,72	0,97	µg/l	119%	1,26
N	2,69	0,54	µg/l	86%	-0,94
O	4,016	0,199	µg/l	128%	1,89
P	2,540	0,686	µg/l	81%	-1,26
Q	3,303	0,661	µg/l	106%	0,37
R	3,54	0,71	µg/l	113%	0,87
S	3,41	0,61	µg/l	109%	0,60
T	2,86	0,016	µg/l	91%	-0,58
U			µg/l		
V	3,12	0,62	µg/l	100%	-0,02
W	3,06	0,46	µg/l	98%	-0,15
X			µg/l		
Y	3,02	0,60	µg/l	96%	-0,23
AA	0,62 *	0,11	µg/l	20%	-5,35
AB	2,82	0,090	µg/l	90%	-0,66

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,96 \pm 0,39	3,13 \pm 0,23	µg/l
Recov. \pm Cl(99%)	94,7 \pm 12,5	100,1 \pm 7,3	%
SD between labs	0,70	0,39	µg/l
RSD between labs	23,6	12,4	%
n for calculation	25	23	



Sample C-CB06B

Parameter Trichloromethane

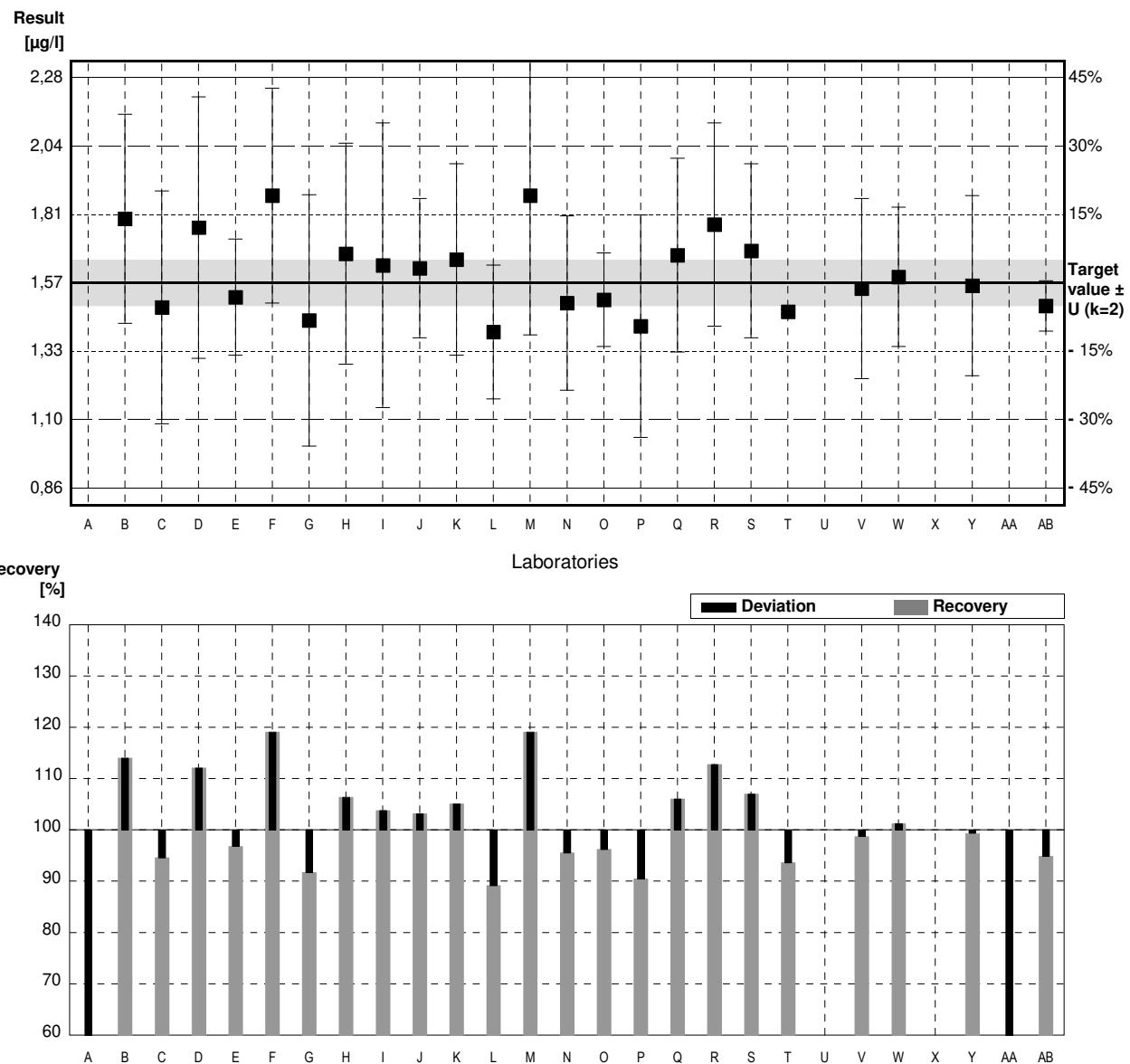
Target value $\pm U$ ($k=2$) 1,57 µg/l \pm 0,08 µg/l

IFA result $\pm U$ ($k=2$) 1,58 µg/l \pm 0,24 µg/l

Stability test $\pm U$ ($k=2$) 1,57 µg/l \pm 0,24 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A	0,752 *		µg/l	48%	-3,47
B	1,79	0,36	µg/l	114%	0,93
C	1,485	0,401	µg/l	95%	-0,36
D	1,76	0,45	µg/l	112%	0,81
E	1,52	0,20	µg/l	97%	-0,21
F	1,87	0,37	µg/l	119%	1,27
G	1,44	0,433	µg/l	92%	-0,55
H	1,67	0,38	µg/l	106%	0,42
I	1,63	0,49	µg/l	104%	0,25
J	1,62	0,24	µg/l	103%	0,21
K	1,65	0,33	µg/l	105%	0,34
L	1,4	0,23	µg/l	89%	-0,72
M	1,87	0,48	µg/l	119%	1,27
N	1,50	0,30	µg/l	96%	-0,30
O	1,511	0,161	µg/l	96%	-0,25
P	1,420	0,383	µg/l	90%	-0,64
Q	1,665	0,333	µg/l	106%	0,40
R	1,77	0,35	µg/l	113%	0,85
S	1,68	0,30	µg/l	107%	0,47
T	1,47	0,008	µg/l	94%	-0,42
U			µg/l		
V	1,55	0,31	µg/l	99%	-0,08
W	1,59	0,24	µg/l	101%	0,08
X			µg/l		
Y	1,56	0,31	µg/l	99%	-0,04
AA	0,38 *	0,07	µg/l	24%	-5,05
AB	1,49	0,087	µg/l	95%	-0,34

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,52 \pm 0,18	1,60 \pm 0,08	µg/l
Recov. \pm Cl(99%)	96,9 \pm 11,5	102,2 \pm 5,2	%
SD between labs	0,32	0,14	µg/l
RSD between labs	21,1	8,6	%
n for calculation	25	23	



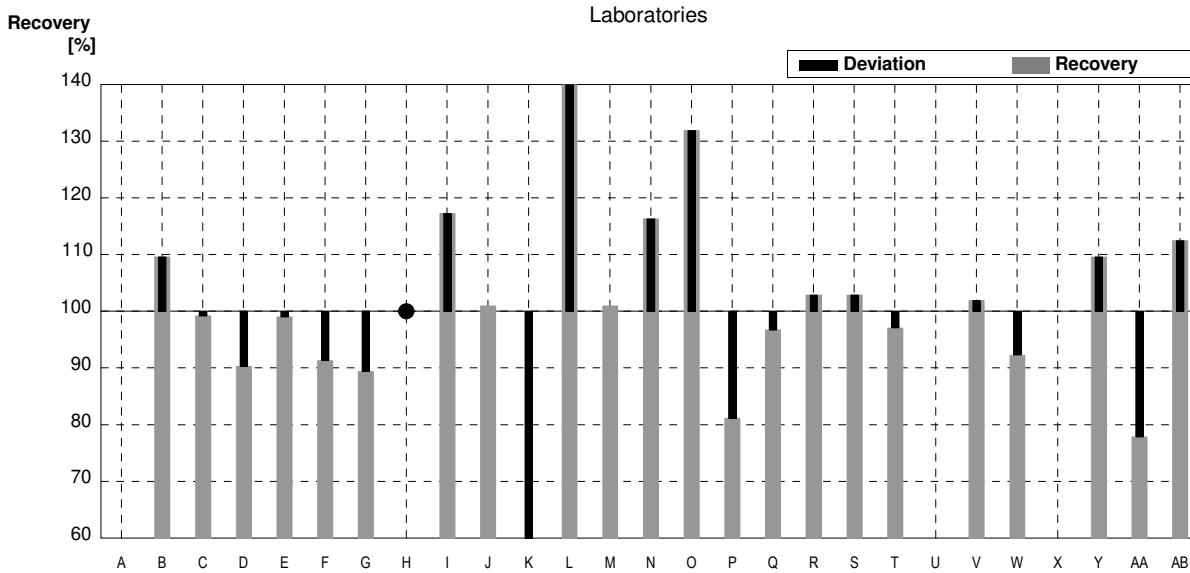
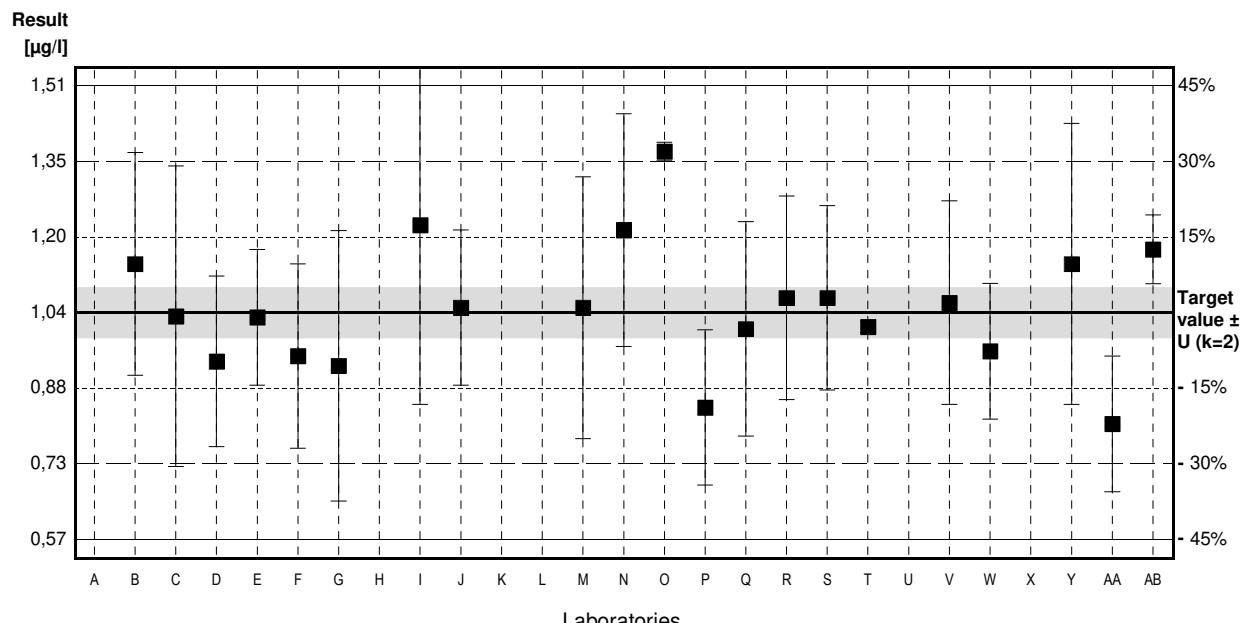
Sample C-CB06A

Parameter Tetrachloromethane

Target value $\pm U$ ($k=2$) 1,04 µg/l \pm 0,05 µg/l
 IFA result $\pm U$ ($k=2$) 1,02 µg/l \pm 0,15 µg/l
 Stability test $\pm U$ ($k=2$) 1,04 µg/l \pm 0,16 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	1,14	0,23	µg/l	110%	0,53
C	1,032	0,310	µg/l	99%	-0,04
D	0,939	0,176	µg/l	90%	-0,54
E	1,03	0,14	µg/l	99%	-0,05
F	0,95	0,19	µg/l	91%	-0,48
G	0,930	0,279	µg/l	89%	-0,59
H	<1,0		µg/l	*	
I	1,22	0,37	µg/l	117%	0,96
J	1,05	0,16	µg/l	101%	0,05
K	0,28 *	0,06	µg/l	27%	-4,06
L	4,9 *	0,84	µg/l	471%	20,62
M	1,05	0,27	µg/l	101%	0,05
N	1,21	0,24	µg/l	116%	0,91
O	1,372	0,019	µg/l	132%	1,77
P	0,844	0,160	µg/l	81%	-1,05
Q	1,006	0,221	µg/l	97%	-0,18
R	1,07	0,21	µg/l	103%	0,16
S	1,07	0,19	µg/l	103%	0,16
T	1,01	0,012	µg/l	97%	-0,16
U			µg/l		
V	1,06	0,21	µg/l	102%	0,11
W	0,96	0,14	µg/l	92%	-0,43
X			µg/l		
Y	1,14	0,29	µg/l	110%	0,53
AA	0,81	0,14	µg/l	78%	-1,23
AB	1,17	0,071	µg/l	113%	0,69

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,18 \pm 0,49	1,05 \pm 0,08	µg/l
Recov. \pm Cl(99%)	113,9 \pm 47,2	101,0 \pm 7,8	%
SD between labs	0,83	0,13	µg/l
RSD between labs	70,5	12,4	%
n for calculation	23	21	



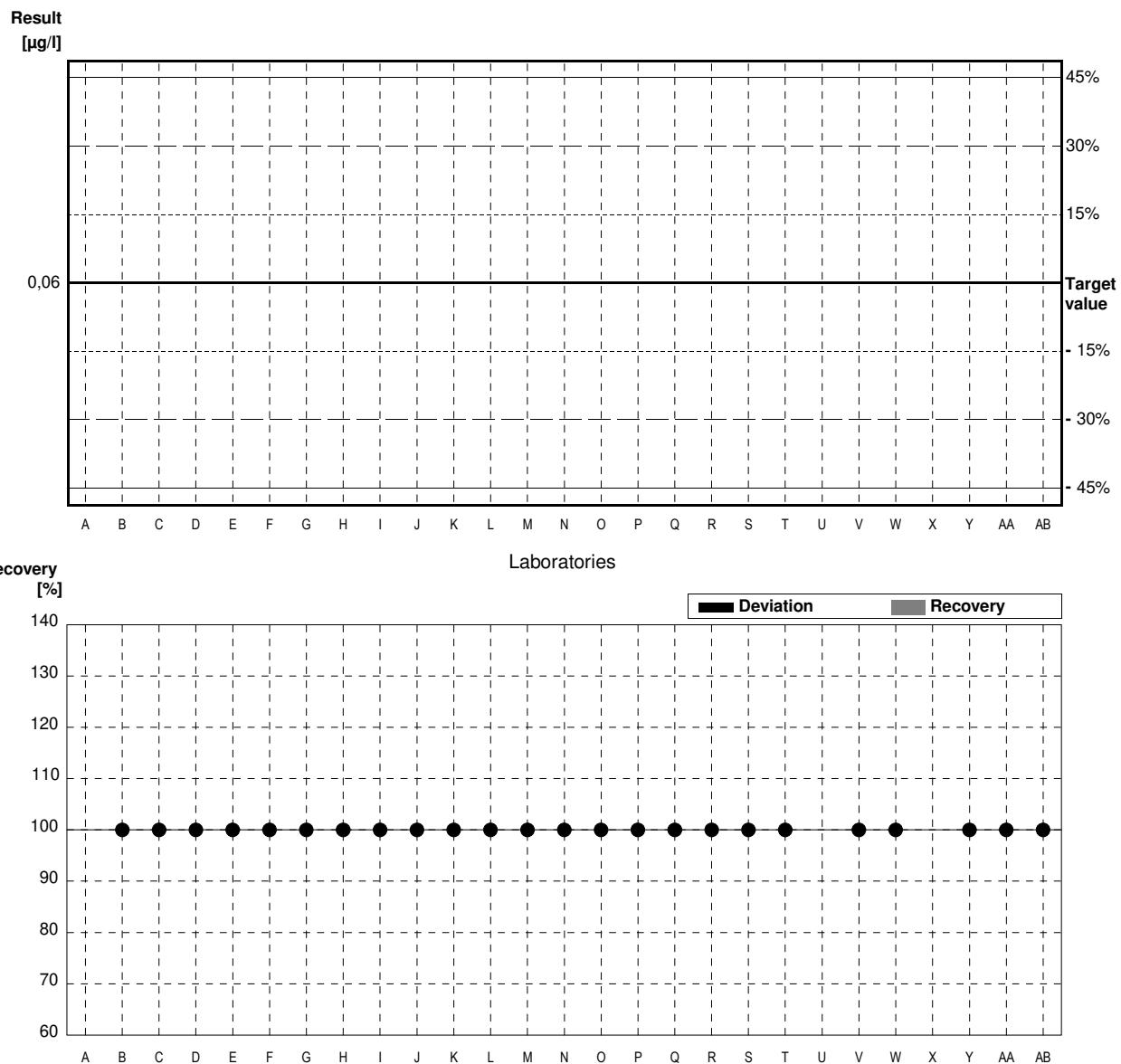
Sample C-CB06B

Parameter Tetrachloromethane

Target value <0,06 µg/l
 IFA result <0,07 µg/l
 Stability test <0,07 µg/l

Lab Code	Result	±	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	•	
C	<0,05		µg/l	•	
D	<0,020		µg/l	•	
E	<0,05		µg/l	•	
F	<0,04		µg/l	•	
G	<0,100	0,030	µg/l	•	
H	<1,0		µg/l	•	
I	<0,4		µg/l	•	
J	<0,1	0,02	µg/l	•	
K	<0,08		µg/l	•	
L	<0,1		µg/l	•	
M	<0,1	0,03	µg/l	•	
N	<0,02		µg/l	•	
O	<0,1		µg/l	•	
P	<0,050	0,010	µg/l	•	
Q	<0,1		µg/l	•	
R	<0,05	0,01	µg/l	•	
S	<0,05		µg/l	•	
T	<0,10		µg/l	•	
U			µg/l		
V	<0,09		µg/l	•	
W	<0,1		µg/l	•	
X			µg/l		
Y	<0,1		µg/l	•	
AA	<0,01		µg/l	•	
AB	<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 C-CB06A

Parameter 1,1-Dichloroethene

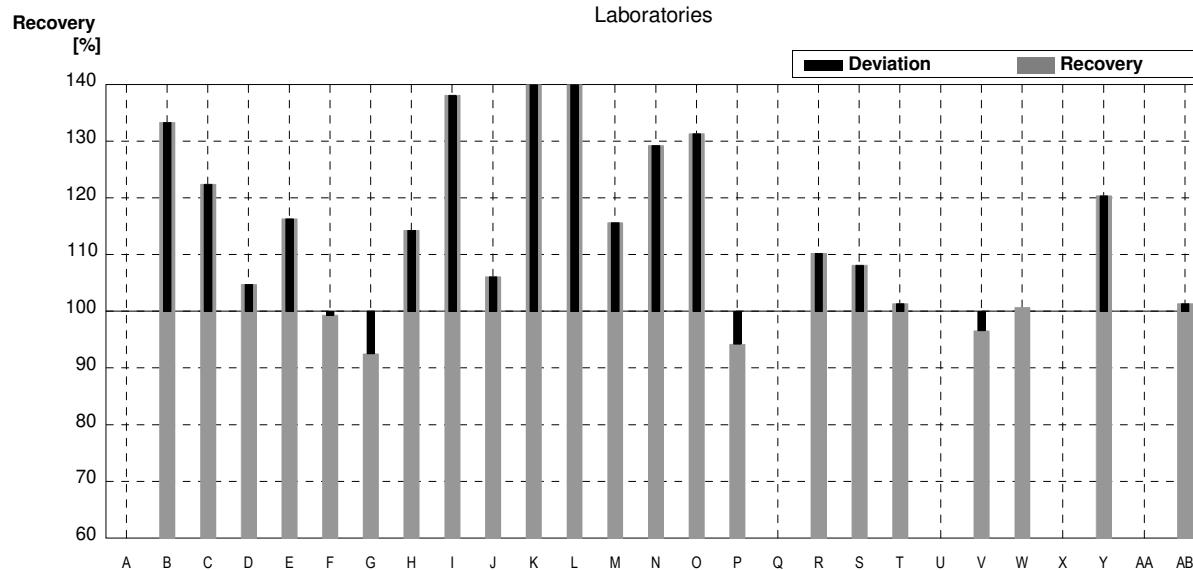
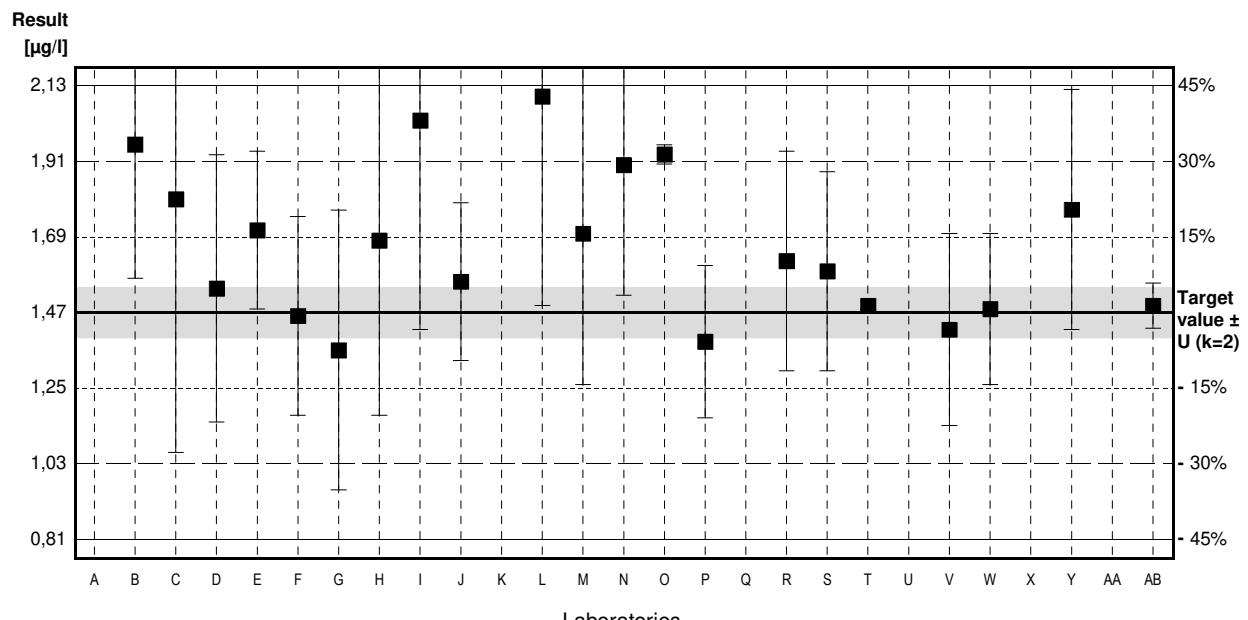
Target value $\pm U$ ($k=2$) 1,47 µg/l \pm 0,07 µg/l

IFA result $\pm U$ ($k=2$) 1,45 µg/l \pm 0,22 µg/l

Stability test $\pm U$ ($k=2$) 1,50 µg/l \pm 0,23 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	1,96	0,39	µg/l	133%	1,75
C	1,800	0,738	µg/l	122%	1,18
D	1,54	0,39	µg/l	105%	0,25
E	1,71	0,23	µg/l	116%	0,86
F	1,46	0,29	µg/l	99%	-0,04
G	1,36	0,408	µg/l	93%	-0,39
H	1,68	0,51	µg/l	114%	0,75
I	2,03	0,61	µg/l	138%	2,01
J	1,56	0,23	µg/l	106%	0,32
K	3,30 *	0,66	µg/l	224%	6,55
L	2,1	0,61	µg/l	143%	2,26
M	1,70	0,44	µg/l	116%	0,82
N	1,90	0,38	µg/l	129%	1,54
O	1,931	0,028	µg/l	131%	1,65
P	1,385	0,222	µg/l	94%	-0,30
Q			µg/l		
R	1,62	0,32	µg/l	110%	0,54
S	1,59	0,29	µg/l	108%	0,43
T	1,49	0,011	µg/l	101%	0,07
U			µg/l		
V	1,42	0,28	µg/l	97%	-0,18
W	1,48	0,22	µg/l	101%	0,04
X			µg/l		
Y	1,77	0,35	µg/l	120%	1,07
AA			µg/l		
AB	1,49	0,066	µg/l	101%	0,07

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,74 \pm 0,25	1,67 \pm 0,14	µg/l
Recov. \pm Cl(99%)	118,4 \pm 16,8	113,3 \pm 9,3	%
SD between labs	0,41	0,22	µg/l
RSD between labs	23,5	13,2	%
n for calculation	22	21	



Sample C-CB06B

Parameter 1,1-Dichloroethene

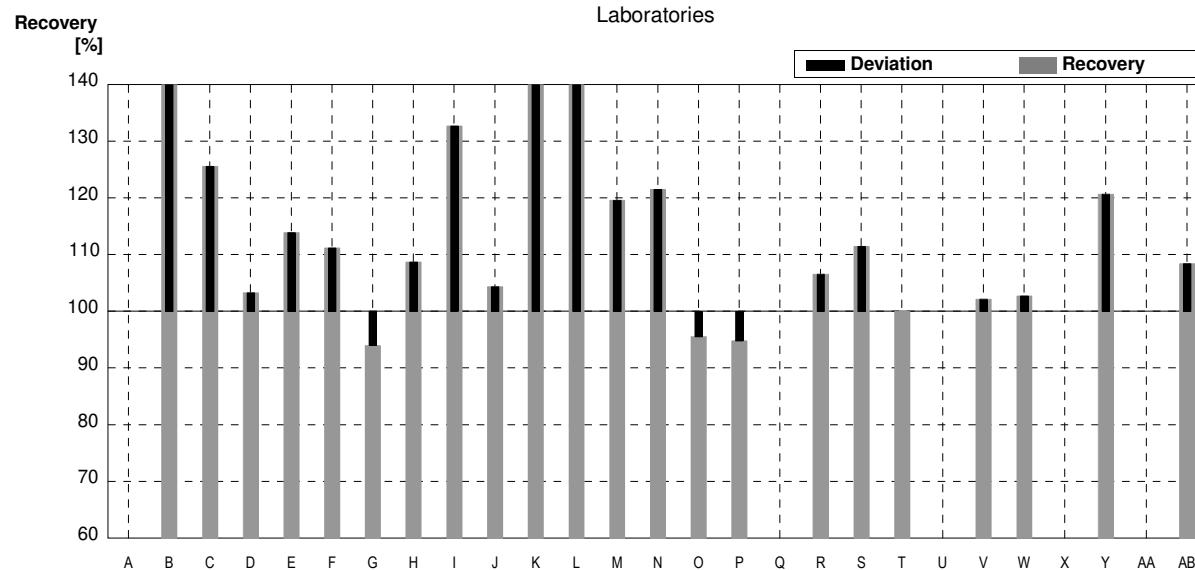
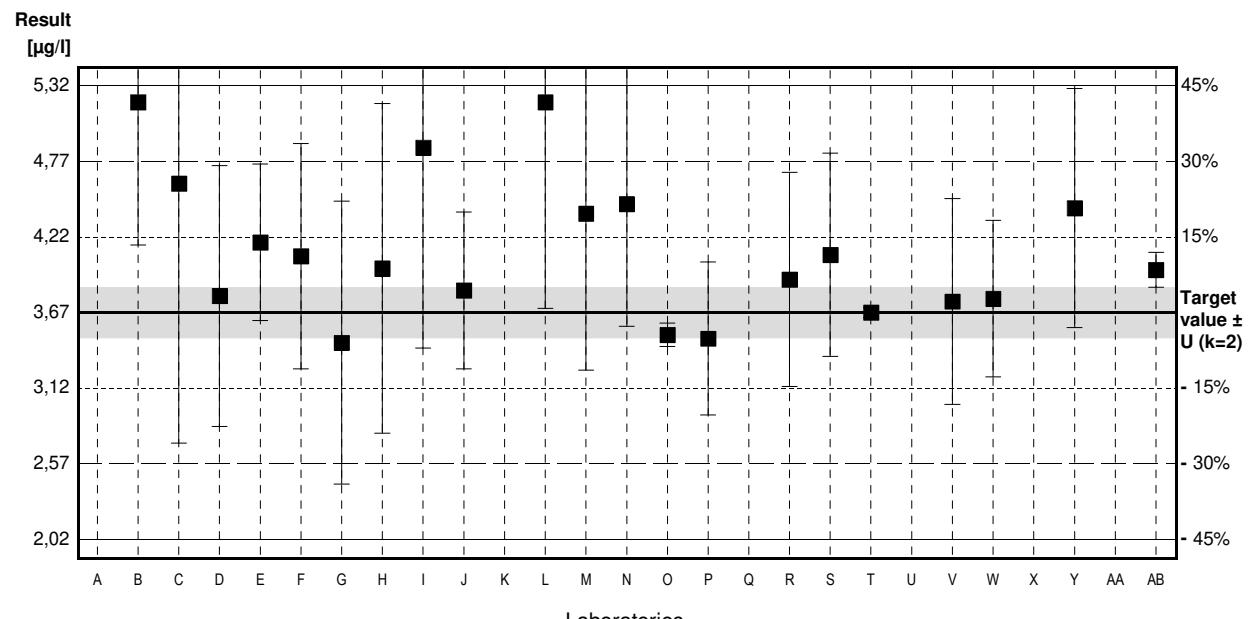
Target value $\pm U$ ($k=2$) 3,67 µg/l \pm 0,18 µg/l

IFA result $\pm U$ ($k=2$) 3,75 µg/l \pm 0,56 µg/l

Stability test $\pm U$ ($k=2$) 3,85 µg/l \pm 0,58 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	5,20	1,04	µg/l	142%	2,19
C	4,608	1,889	µg/l	126%	1,35
D	3,79	0,95	µg/l	103%	0,17
E	4,18	0,57	µg/l	114%	0,73
F	4,08	0,82	µg/l	111%	0,59
G	3,45	1,03	µg/l	94%	-0,32
H	3,99	1,20	µg/l	109%	0,46
I	4,87	1,46	µg/l	133%	1,72
J	3,83	0,57	µg/l	104%	0,23
K	8,00 *	1,60	µg/l	218%	6,21
L	5,2	1,5	µg/l	142%	2,19
M	4,39	1,14	µg/l	120%	1,03
N	4,46	0,89	µg/l	122%	1,13
O	3,507	0,085	µg/l	96%	-0,23
P	3,480	0,557	µg/l	95%	-0,27
Q			µg/l		
R	3,91	0,78	µg/l	107%	0,34
S	4,09	0,74	µg/l	111%	0,60
T	3,67	0,038	µg/l	100%	0,00
U			µg/l		
V	3,75	0,75	µg/l	102%	0,11
W	3,77	0,57	µg/l	103%	0,14
X			µg/l		
Y	4,43	0,87	µg/l	121%	1,09
AA			µg/l		
AB	3,98	0,127	µg/l	108%	0,44

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	4,30 \pm 0,58	4,13 \pm 0,32	µg/l
Recov. \pm Cl(99%)	117,2 \pm 15,9	112,4 \pm 8,8	%
SD between labs	0,97	0,52	µg/l
RSD between labs	22,5	12,6	%
n for calculation	22	21	



Sample C-CB06A

Parameter Tribromomethane

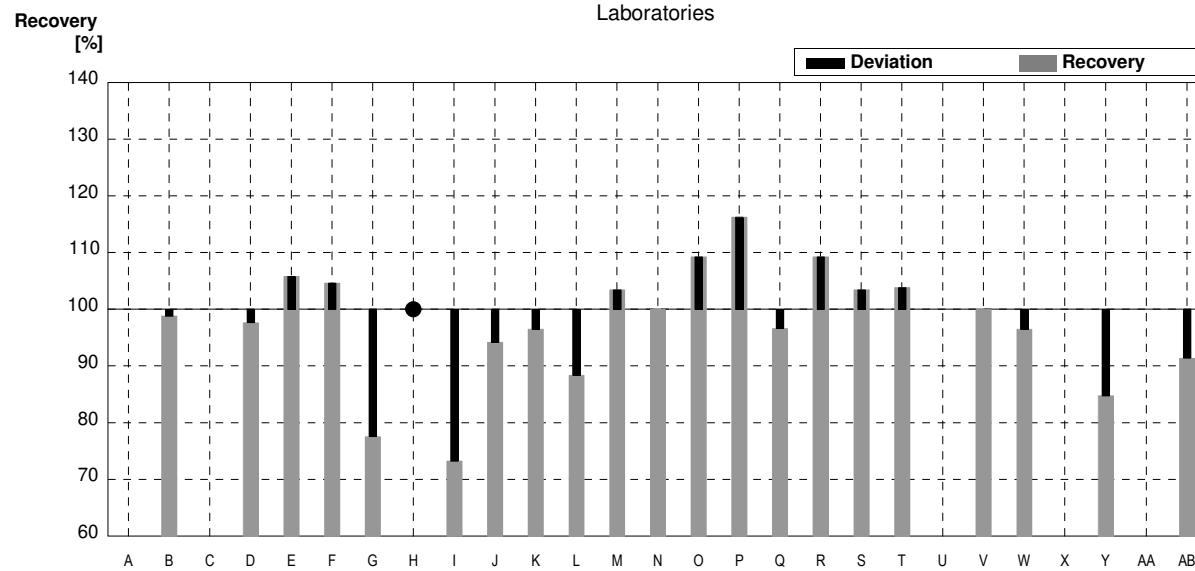
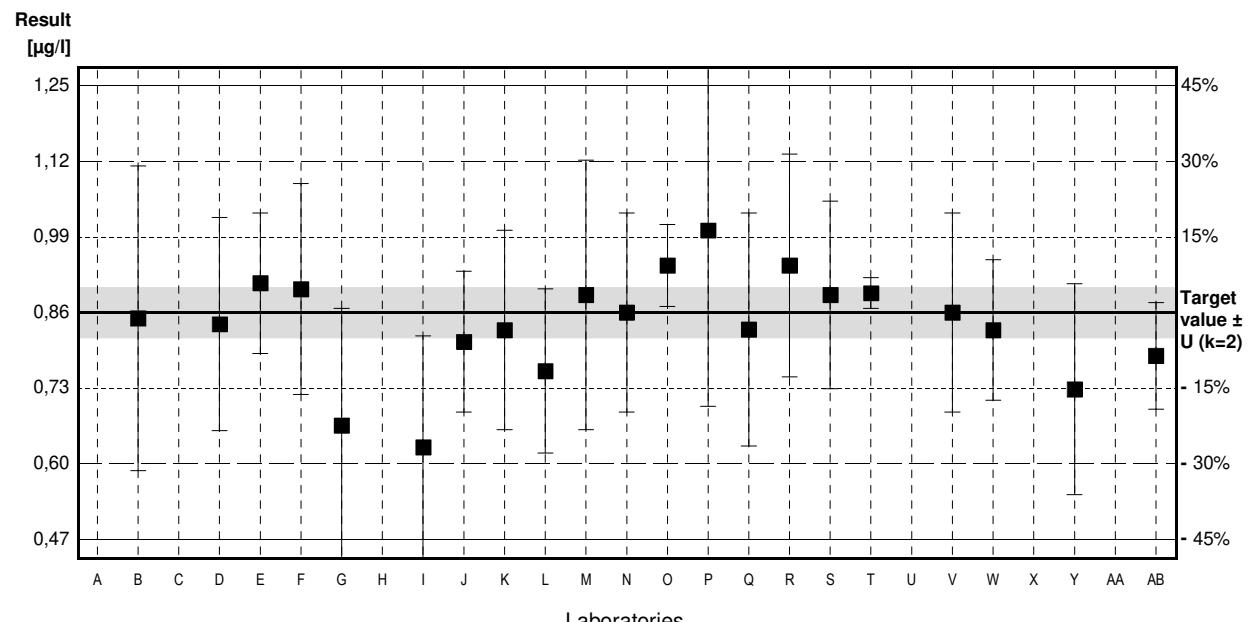
Target value $\pm U$ ($k=2$) 0,86 µg/l \pm 0,04 µg/l

IFA result $\pm U$ ($k=2$) 0,84 µg/l \pm 0,13 µg/l

Stability test $\pm U$ ($k=2$) 0,84 µg/l \pm 0,13 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	0,85	0,26	µg/l	99%	-0,07
C			µg/l		
D	0,840	0,182	µg/l	98%	-0,15
E	0,91	0,12	µg/l	106%	0,36
F	0,90	0,18	µg/l	105%	0,29
G	0,667	0,200	µg/l	78%	-1,40
H	<1,0		µg/l	*	
I	0,63 *	0,19	µg/l	73%	-1,67
J	0,81	0,12	µg/l	94%	-0,36
K	0,83	0,17	µg/l	97%	-0,22
L	0,76	0,14	µg/l	88%	-0,73
M	0,89	0,23	µg/l	103%	0,22
N	0,86	0,17	µg/l	100%	0,00
O	0,940	0,070	µg/l	109%	0,58
P	1,000	0,300	µg/l	116%	1,02
Q	0,831	0,199	µg/l	97%	-0,21
R	0,94	0,19	µg/l	109%	0,58
S	0,89	0,16	µg/l	103%	0,22
T	0,893	0,026	µg/l	104%	0,24
U			µg/l		
V	0,86	0,17	µg/l	100%	0,00
W	0,83	0,12	µg/l	97%	-0,22
X			µg/l		
Y	0,729	0,18	µg/l	85%	-0,95
AA			µg/l		
AB	0,786	0,091	µg/l	91%	-0,54

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	0,84 \pm 0,06	0,85 \pm 0,05	µg/l
Recov. \pm Cl(99%)	97,7 \pm 6,5	98,9 \pm 5,7	%
SD between labs	0,09	0,08	µg/l
RSD between labs	10,6	9,1	%
n for calculation	21	20	



Sample C-CB06B

Parameter Tribromomethane

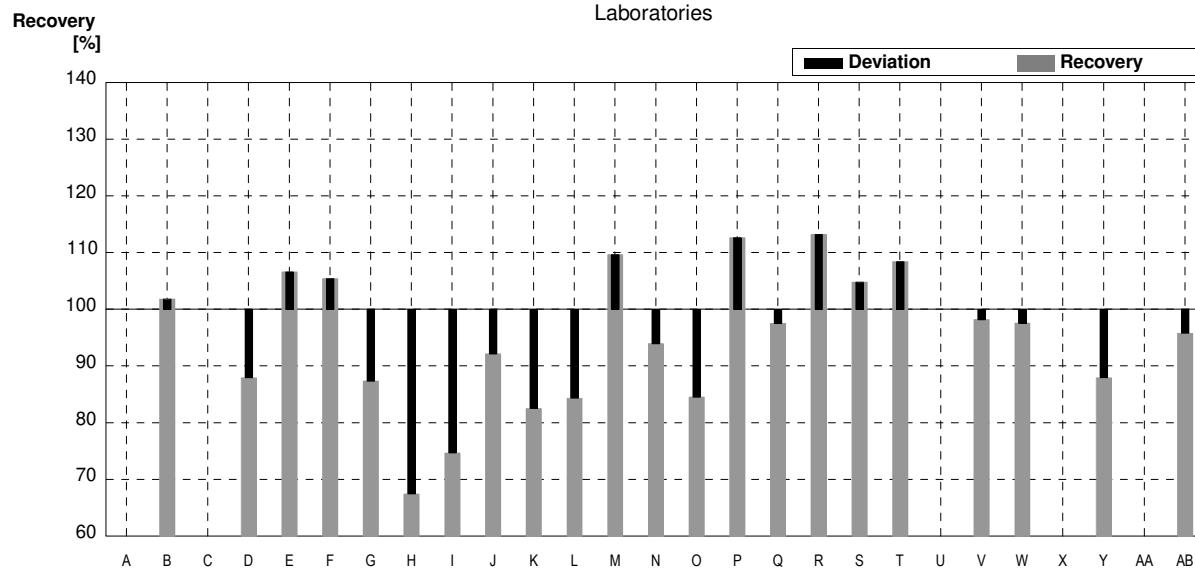
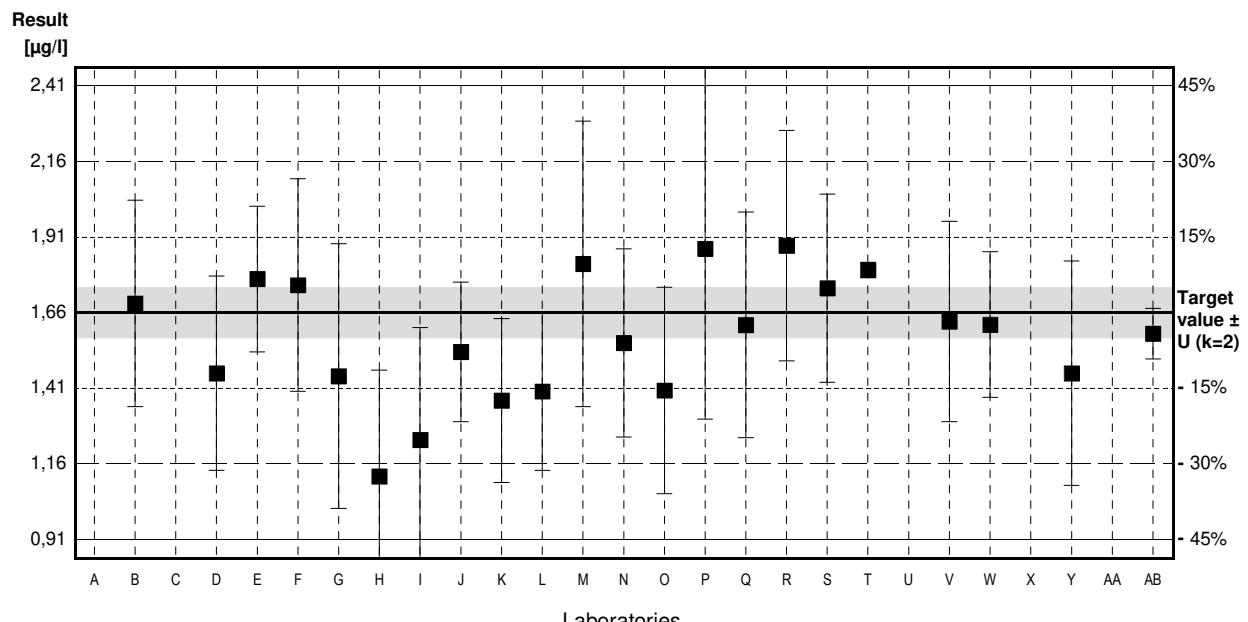
Target value $\pm U$ ($k=2$) 1,66 µg/l \pm 0,08 µg/l

IFA result $\pm U$ ($k=2$) 1,65 µg/l \pm 0,25 µg/l

Stability test $\pm U$ ($k=2$) 1,59 µg/l \pm 0,24 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	1,69	0,34	µg/l	102%	0,11
C			µg/l		
D	1,46	0,32	µg/l	88%	-0,75
E	1,77	0,24	µg/l	107%	0,41
F	1,75	0,35	µg/l	105%	0,34
G	1,45	0,436	µg/l	87%	-0,79
H	1,12	0,35	µg/l	67%	-2,03
I	1,24	0,37	µg/l	75%	-1,58
J	1,53	0,23	µg/l	92%	-0,49
K	1,37	0,27	µg/l	83%	-1,09
L	1,4	0,26	µg/l	84%	-0,98
M	1,82	0,47	µg/l	110%	0,60
N	1,56	0,31	µg/l	94%	-0,38
O	1,403	0,340	µg/l	85%	-0,97
P	1,870	0,561	µg/l	113%	0,79
Q	1,619	0,372	µg/l	98%	-0,15
R	1,88	0,38	µg/l	113%	0,83
S	1,74	0,31	µg/l	105%	0,30
T	1,80	0,025	µg/l	108%	0,53
U			µg/l		
V	1,63	0,33	µg/l	98%	-0,11
W	1,62	0,24	µg/l	98%	-0,15
X			µg/l		
Y	1,46	0,37	µg/l	88%	-0,75
AA			µg/l		
AB	1,59	0,083	µg/l	96%	-0,26

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,58 \pm 0,12	1,58 \pm 0,12	µg/l
Recov. \pm Cl(99%)	95,2 \pm 7,4	95,2 \pm 7,4	%
SD between labs	0,20	0,20	µg/l
RSD between labs	12,9	12,9	%
n for calculation	22	22	



Sample C-CB06A

Parameter Bromodichloromethane

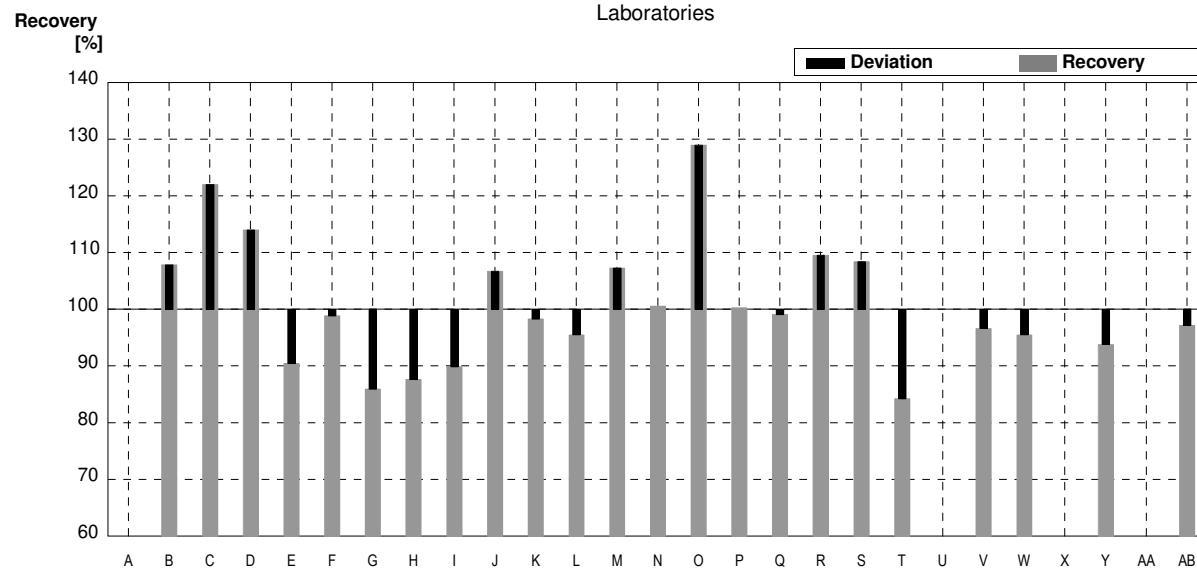
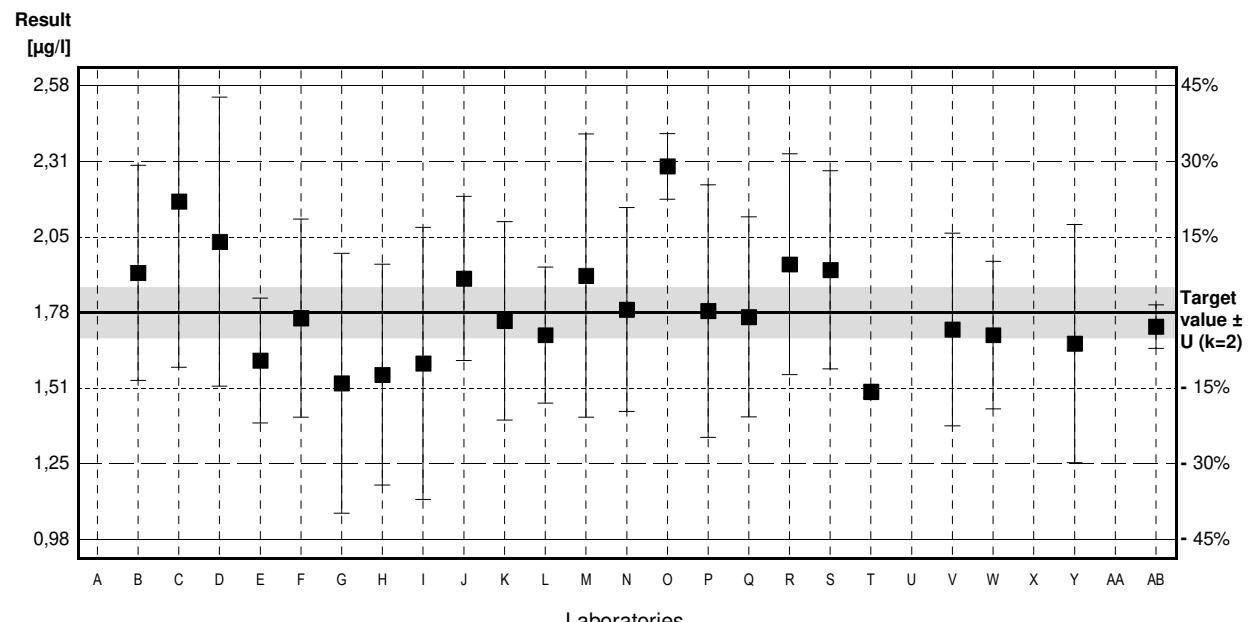
Target value $\pm U$ ($k=2$) 1,78 µg/l \pm 0,09 µg/l

IFA result $\pm U$ ($k=2$) 1,81 µg/l \pm 0,27 µg/l

Stability test $\pm U$ ($k=2$) 1,76 µg/l \pm 0,26 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	1,92	0,38	µg/l	108%	0,56
C	2,172	0,586	µg/l	122%	1,57
D	2,03	0,51	µg/l	114%	1,00
E	1,61	0,22	µg/l	90%	-0,68
F	1,76	0,35	µg/l	99%	-0,08
G	1,53	0,459	µg/l	86%	-1,00
H	1,56	0,39	µg/l	88%	-0,88
I	1,60	0,48	µg/l	90%	-0,72
J	1,90	0,29	µg/l	107%	0,48
K	1,75	0,35	µg/l	98%	-0,12
L	1,7	0,24	µg/l	96%	-0,32
M	1,91	0,50	µg/l	107%	0,52
N	1,79	0,36	µg/l	101%	0,04
O	2,296	0,116	µg/l	129%	2,07
P	1,785	0,446	µg/l	100%	0,02
Q	1,764	0,353	µg/l	99%	-0,06
R	1,95	0,39	µg/l	110%	0,68
S	1,93	0,35	µg/l	108%	0,60
T	1,50	0,021	µg/l	84%	-1,12
U			µg/l		
V	1,72	0,34	µg/l	97%	-0,24
W	1,70	0,26	µg/l	96%	-0,32
X			µg/l		
Y	1,67	0,42	µg/l	94%	-0,44
AA			µg/l		
AB	1,73	0,077	µg/l	97%	-0,20

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,79 \pm 0,12	1,79 \pm 0,12	µg/l
Recov. \pm Cl(99%)	100,8 \pm 6,5	100,8 \pm 6,5	%
SD between labs	0,20	0,20	µg/l
RSD between labs	11,0	11,0	%
n for calculation	23	23	



Sample C-CB06B

Parameter Bromodichloromethane

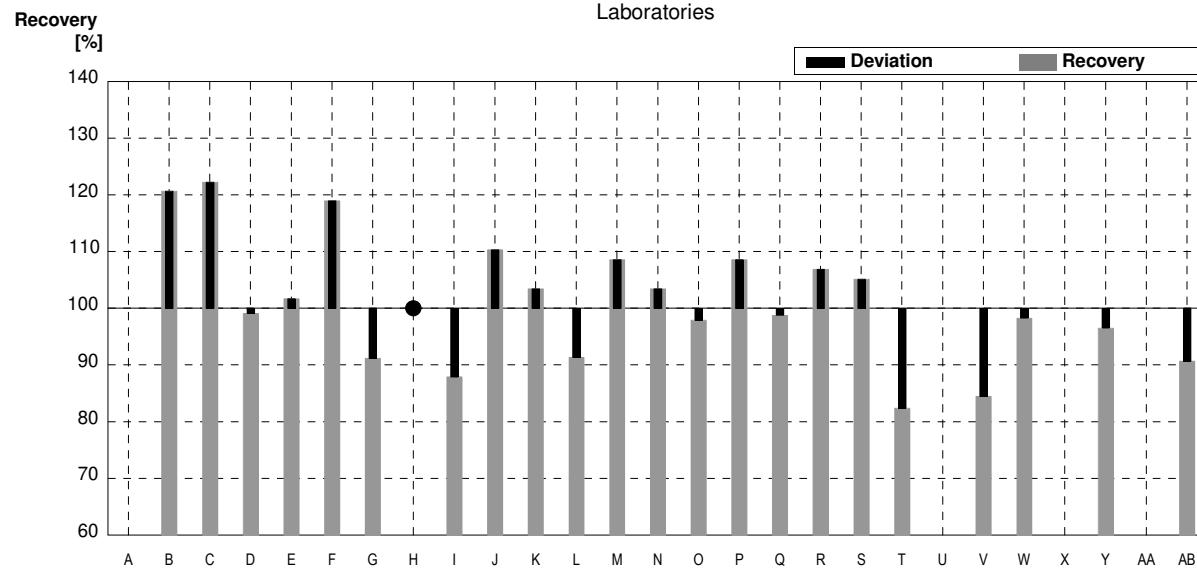
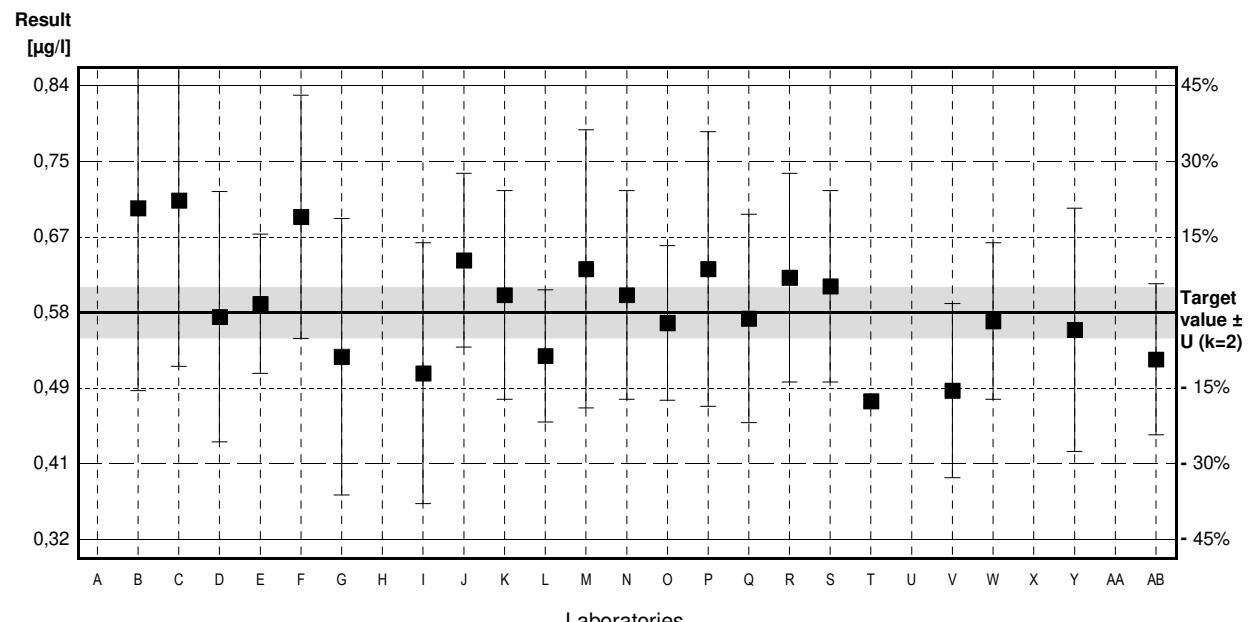
Target value $\pm U$ ($k=2$) 0,58 µg/l \pm 0,03 µg/l

IFA result $\pm U$ ($k=2$) 0,61 µg/l \pm 0,09 µg/l

Stability test $\pm U$ ($k=2$) 0,61 µg/l \pm 0,09 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	0,70	0,21	µg/l	121%	1,48
C	0,709	0,191	µg/l	122%	1,59
D	0,575	0,144	µg/l	99%	-0,06
E	0,59	0,08	µg/l	102%	0,12
F	0,69	0,14	µg/l	119%	1,35
G	0,529	0,159	µg/l	91%	-0,63
H	<1,0		µg/l	*	
I	0,51	0,15	µg/l	88%	-0,86
J	0,64	0,10	µg/l	110%	0,74
K	0,60	0,12	µg/l	103%	0,25
L	0,53	0,076	µg/l	91%	-0,62
M	0,63	0,16	µg/l	109%	0,62
N	0,60	0,12	µg/l	103%	0,25
O	0,568	0,089	µg/l	98%	-0,15
P	0,630	0,158	µg/l	109%	0,62
Q	0,573	0,120	µg/l	99%	-0,09
R	0,62	0,12	µg/l	107%	0,49
S	0,61	0,11	µg/l	105%	0,37
T	0,478	0,006	µg/l	82%	-1,26
U			µg/l		
V	0,49	0,10	µg/l	84%	-1,11
W	0,57	0,09	µg/l	98%	-0,12
X			µg/l		
Y	0,560	0,14	µg/l	97%	-0,25
AA			µg/l		
AB	0,526	0,087	µg/l	91%	-0,67

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	0,59 \pm 0,04	0,59 \pm 0,04	µg/l
Recov. \pm Cl(99%)	101,3 \pm 6,7	101,3 \pm 6,7	%
SD between labs	0,06	0,06	µg/l
RSD between labs	10,9	10,9	%
n for calculation	22	22	



Sample C-CB06A

Parameter Dibromochloromethane

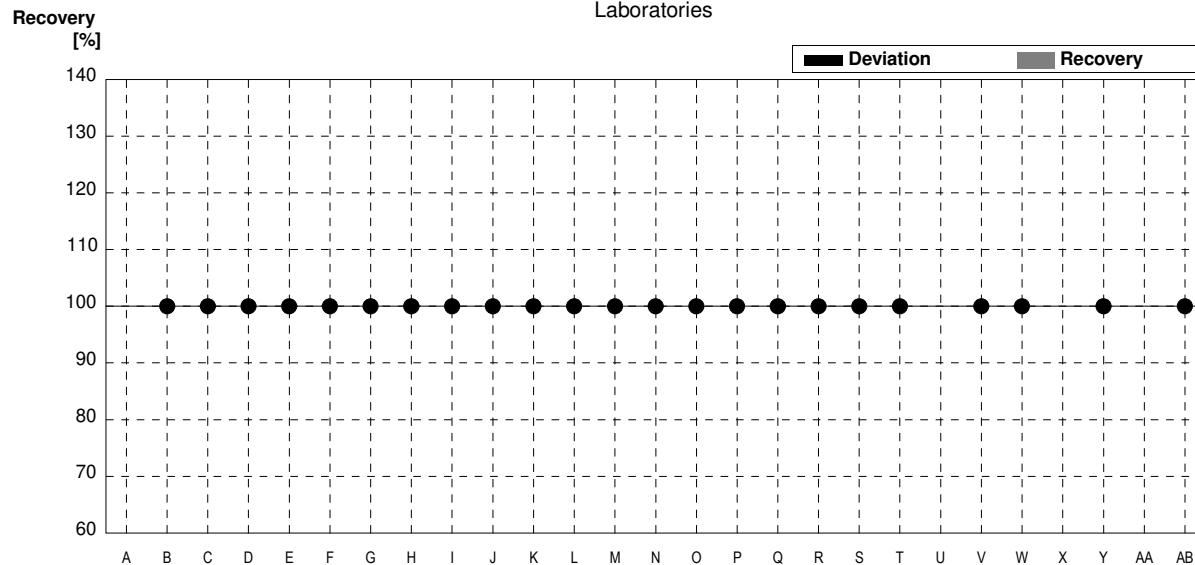
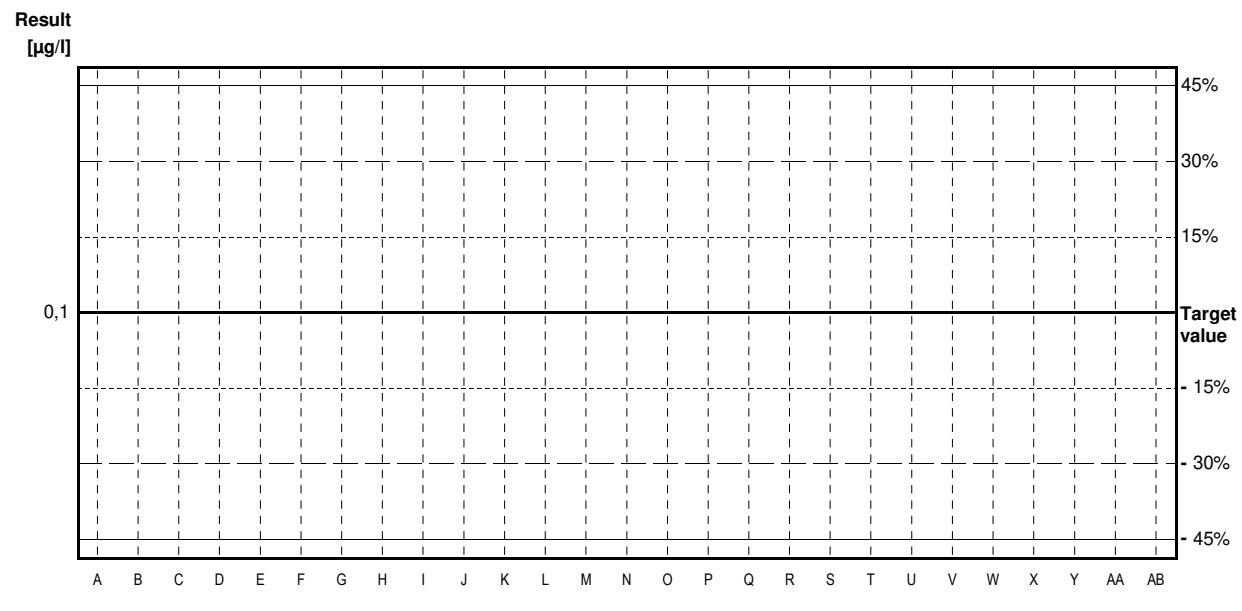
Target value <0,1 µg/l

IFA result <0,05 µg/l

Stability test <0,05 µg/l

Lab Code	Result	±	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	•	
C	<0,05		µg/l	•	
D	<0,020		µg/l	•	
E	<0,05		µg/l	•	
F	<0,03		µg/l	•	
G	<0,100	0,030	µg/l	•	
H	<1,0		µg/l	•	
I	<0,4		µg/l	•	
J	<0,1	0,02	µg/l	•	
K	<0,08		µg/l	•	
L	<0,1		µg/l	•	
M	<0,1	0,03	µg/l	•	
N	<0,10		µg/l	•	
O	<0,1		µg/l	•	
P	<0,050	0,013	µg/l	•	
Q	<0,1		µg/l	•	
R	<0,05	0,01	µg/l	•	
S	<0,05		µg/l	•	
T	<0,10		µg/l	•	
U			µg/l		
V	<0,05		µg/l	•	
W	<0,1		µg/l	•	
X			µg/l		
Y	<0,1		µg/l	•	
AA			µg/l		
AB	<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 C-CB06B

Parameter Dibromochloromethane

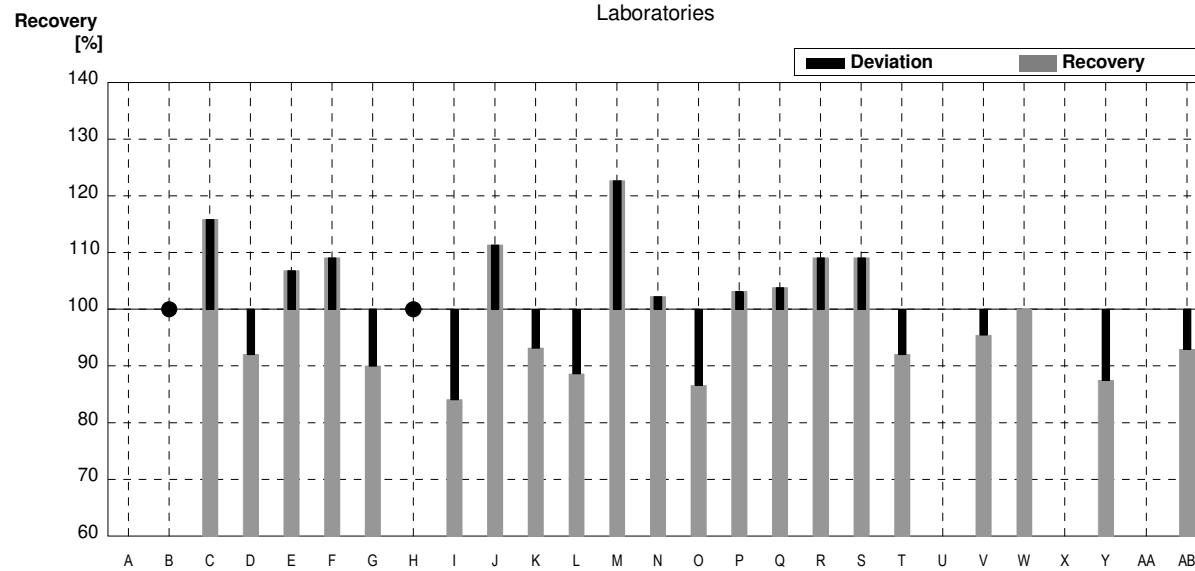
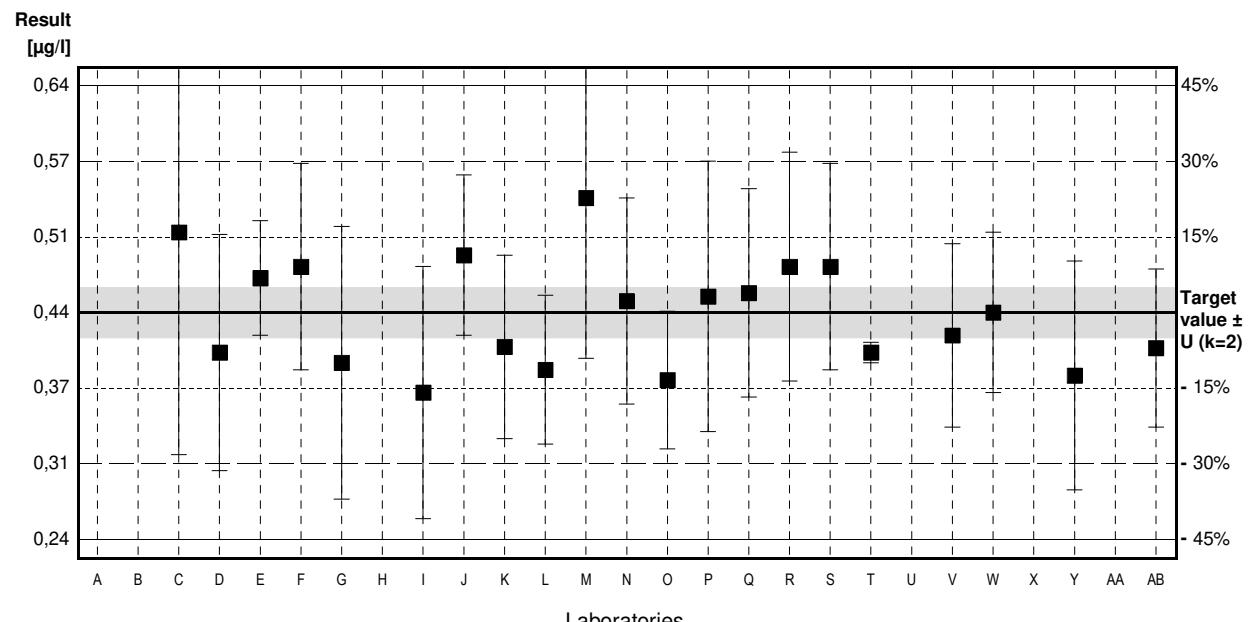
Target value $\pm U$ ($k=2$) 0,44 µg/l \pm 0,02 µg/l

IFA result $\pm U$ ($k=2$) 0,45 µg/l \pm 0,07 µg/l

Stability test $\pm U$ ($k=2$) 0,44 µg/l \pm 0,07 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	*	
C	0,510	0,194	µg/l	116%	1,06
D	0,405	0,103	µg/l	92%	-0,53
E	0,47	0,05	µg/l	107%	0,45
F	0,48	0,09	µg/l	109%	0,61
G	0,396	0,119	µg/l	90%	-0,67
H	<1,0		µg/l	*	
I	0,37	0,11	µg/l	84%	-1,06
J	0,49	0,07	µg/l	111%	0,76
K	0,41	0,08	µg/l	93%	-0,45
L	0,39	0,065	µg/l	89%	-0,76
M	0,54	0,14	µg/l	123%	1,52
N	0,45	0,09	µg/l	102%	0,15
O	0,381	0,060	µg/l	87%	-0,89
P	0,454	0,118	µg/l	103%	0,21
Q	0,457	0,091	µg/l	104%	0,26
R	0,48	0,10	µg/l	109%	0,61
S	0,48	0,09	µg/l	109%	0,61
T	0,405	0,009	µg/l	92%	-0,53
U			µg/l		
V	0,42	0,08	µg/l	95%	-0,30
W	0,44	0,07	µg/l	100%	0,00
X			µg/l		
Y	0,385	0,10	µg/l	88%	-0,83
AA			µg/l		
AB	0,409	0,069	µg/l	93%	-0,47

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	0,44 \pm 0,03	0,44 \pm 0,03	µg/l
Recov. \pm Cl(99%)	99,8 \pm 6,6	99,8 \pm 6,6	%
SD between labs	0,05	0,05	µg/l
RSD between labs	10,7	10,7	%
n for calculation	21	21	



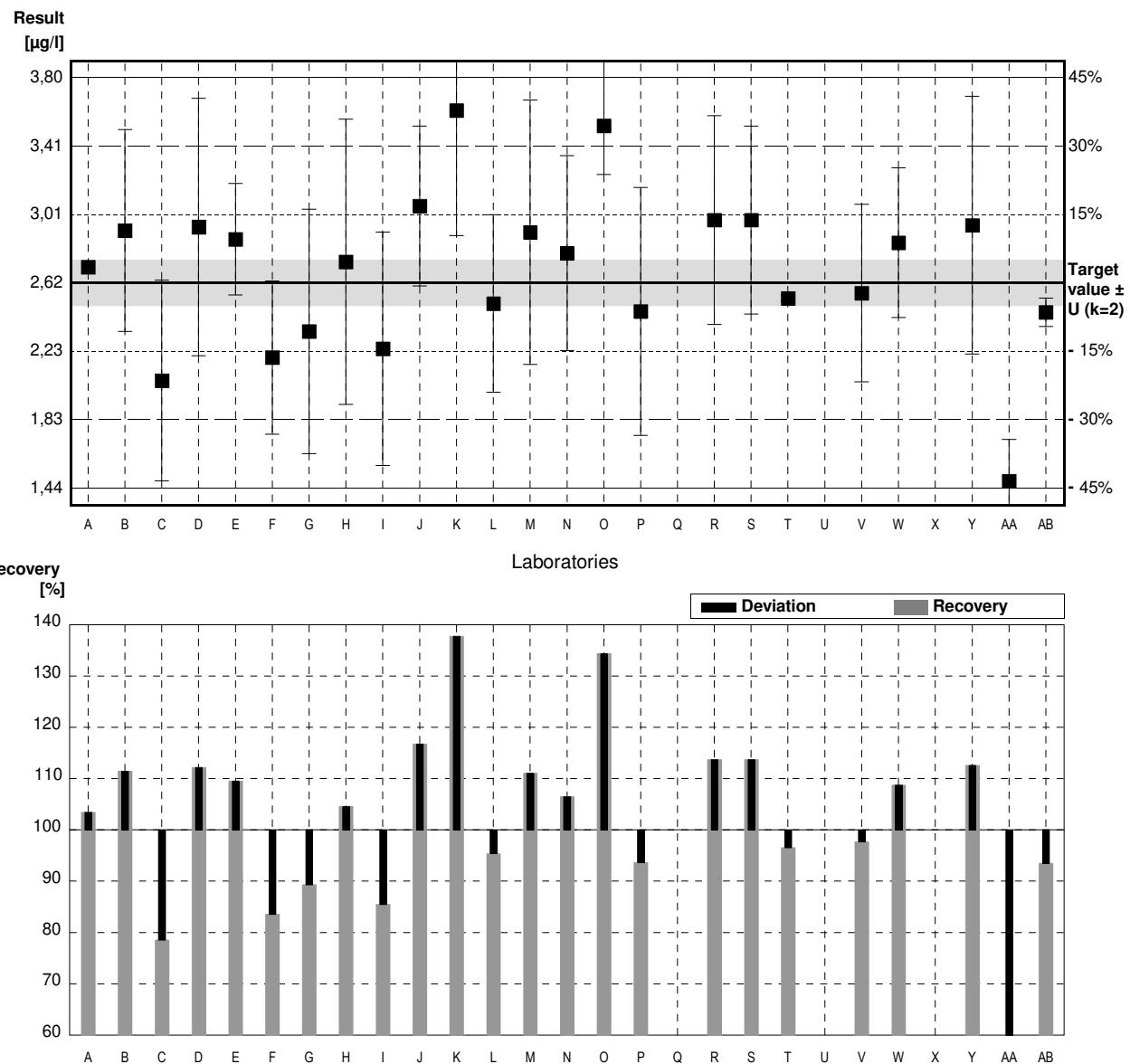
Sample C-CB06A

Parameter Dichloromethane

Target value $\pm U$ ($k=2$) 2,62 µg/l \pm 0,13 µg/l
 IFA result $\pm U$ ($k=2$) 2,71 µg/l \pm 0,41 µg/l
 Stability test $\pm U$ ($k=2$) 2,71 µg/l \pm 0,41 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A	2,710		µg/l	103%	0,26
B	2,92	0,58	µg/l	111%	0,88
C	2,058	0,576	µg/l	79%	-1,65
D	2,94	0,74	µg/l	112%	0,94
E	2,87	0,32	µg/l	110%	0,73
F	2,19	0,44	µg/l	84%	-1,26
G	2,34	0,702	µg/l	89%	-0,82
H	2,74	0,82	µg/l	105%	0,35
I	2,24	0,67	µg/l	85%	-1,12
J	3,06	0,46	µg/l	117%	1,29
K	3,61	0,72	µg/l	138%	2,91
L	2,5	0,51	µg/l	95%	-0,35
M	2,91	0,76	µg/l	111%	0,85
N	2,79	0,56	µg/l	106%	0,50
O	3,521	0,280	µg/l	134%	2,65
P	2,455	0,712	µg/l	94%	-0,48
Q			µg/l		
R	2,98	0,60	µg/l	114%	1,06
S	2,98	0,54	µg/l	114%	1,06
T	2,53	0,018	µg/l	97%	-0,26
U			µg/l		
V	2,56	0,51	µg/l	98%	-0,18
W	2,85	0,43	µg/l	109%	0,68
X			µg/l		
Y	2,95	0,74	µg/l	113%	0,97
AA	1,48 *	0,24	µg/l	56%	-3,35
AB	2,45	0,082	µg/l	94%	-0,50

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,69 \pm 0,26	2,75 \pm 0,23	µg/l
Recov. \pm Cl(99%)	102,8 \pm 10,0	104,8 \pm 8,6	%
SD between labs	0,46	0,38	µg/l
RSD between labs	16,9	14,0	%
n for calculation	24	23	



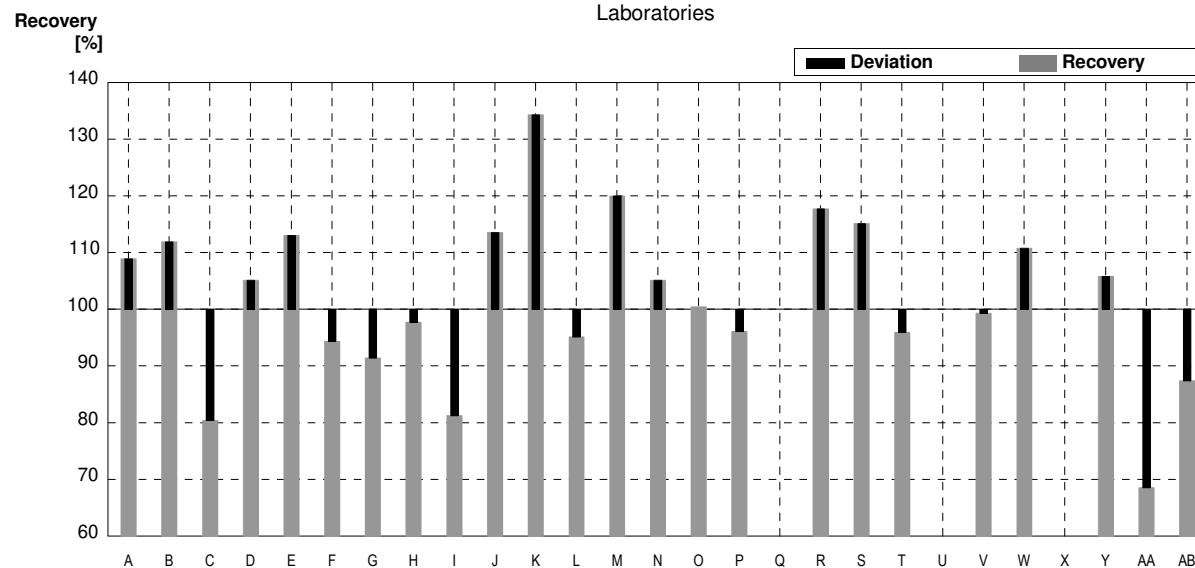
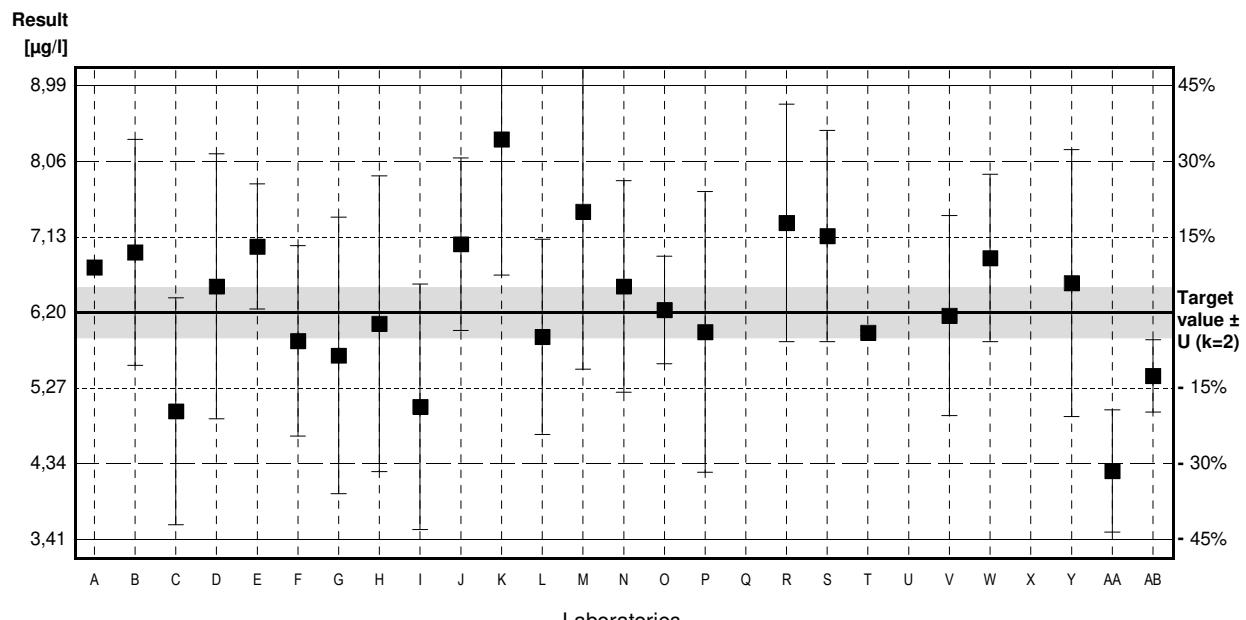
Sample C-CB06B

Parameter Dichloromethane

Target value $\pm U$ ($k=2$) 6,20 µg/l \pm 0,31 µg/l
 IFA result $\pm U$ ($k=2$) 6,51 µg/l \pm 0,98 µg/l
 Stability test $\pm U$ ($k=2$) 6,49 µg/l \pm 0,97 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A	6,755		µg/l	109%	0,69
B	6,94	1,39	µg/l	112%	0,92
C	4,985	1,396	µg/l	80%	-1,51
D	6,52	1,63	µg/l	105%	0,40
E	7,01	0,77	µg/l	113%	1,00
F	5,85	1,17	µg/l	94%	-0,43
G	5,67	1,70	µg/l	91%	-0,66
H	6,06	1,82	µg/l	98%	-0,17
I	5,04	1,51	µg/l	81%	-1,44
J	7,04	1,06	µg/l	114%	1,04
K	8,33	1,67	µg/l	134%	2,64
L	5,9	1,2	µg/l	95%	-0,37
M	7,44	1,94	µg/l	120%	1,54
N	6,52	1,30	µg/l	105%	0,40
O	6,230	0,661	µg/l	100%	0,04
P	5,960	1,728	µg/l	96%	-0,30
Q			µg/l		
R	7,30	1,46	µg/l	118%	1,36
S	7,14	1,3	µg/l	115%	1,17
T	5,95	0,036	µg/l	96%	-0,31
U			µg/l		
V	6,16	1,23	µg/l	99%	-0,05
W	6,87	1,03	µg/l	111%	0,83
X			µg/l		
Y	6,56	1,64	µg/l	106%	0,45
AA	4,25	0,75	µg/l	69%	-2,42
AB	5,42	0,445	µg/l	87%	-0,97

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	6,33 \pm 0,52	6,33 \pm 0,52	µg/l
Recov. \pm Cl(99%)	102,1 \pm 8,3	102,1 \pm 8,3	%
SD between labs	0,90	0,90	µg/l
RSD between labs	14,2	14,2	%
n for calculation	24	24	



Sample C-CB06A

Parameter 1,2-Dichloroethane

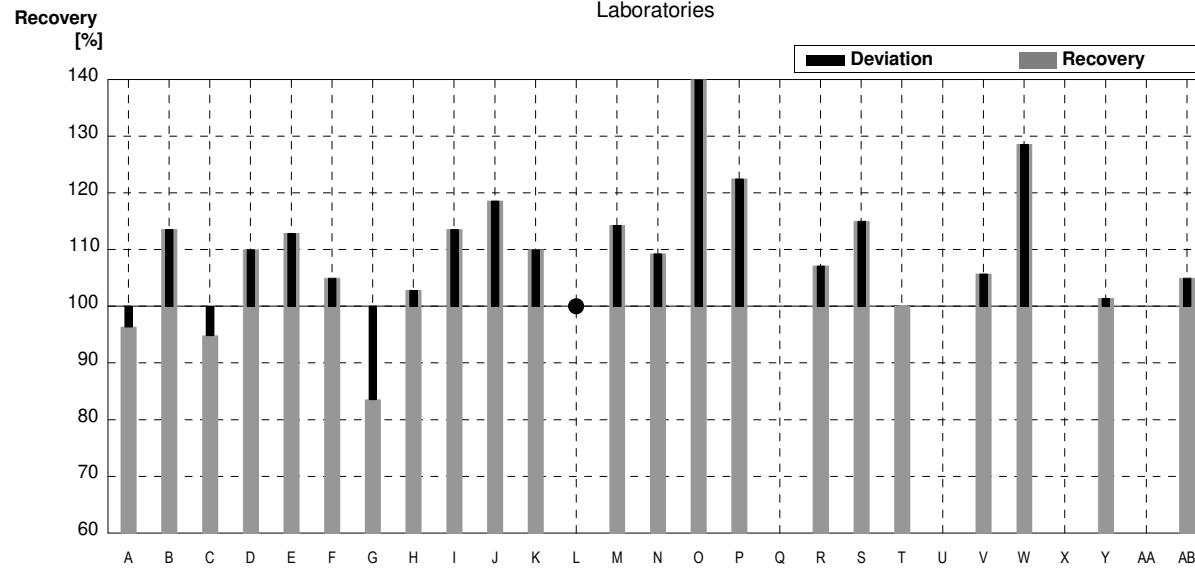
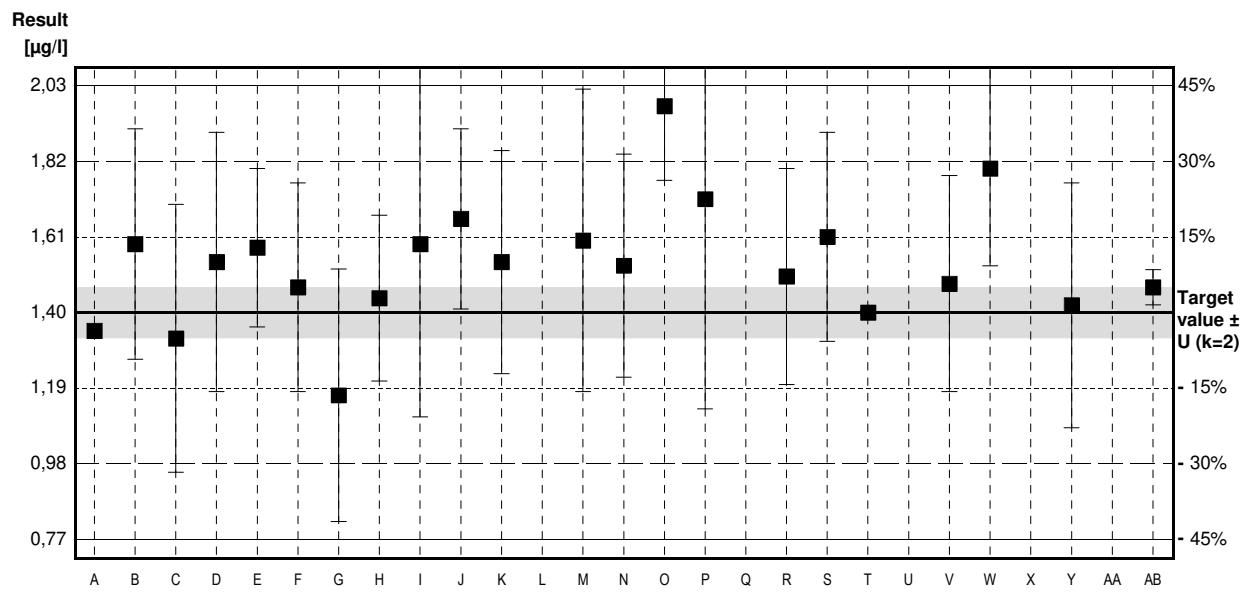
Target value $\pm U$ ($k=2$) 1,40 µg/l \pm 0,07 µg/l

IFA result $\pm U$ ($k=2$) 1,43 µg/l \pm 0,21 µg/l

Stability test $\pm U$ ($k=2$) 1,50 µg/l \pm 0,23 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A	1,349		µg/l	96%	-0,28
B	1,59	0,32	µg/l	114%	1,04
C	1,328	0,372	µg/l	95%	-0,40
D	1,54	0,36	µg/l	110%	0,77
E	1,58	0,22	µg/l	113%	0,99
F	1,47	0,29	µg/l	105%	0,38
G	1,17 *	0,351	µg/l	84%	-1,26
H	1,44	0,23	µg/l	103%	0,22
I	1,59	0,48	µg/l	114%	1,04
J	1,66	0,25	µg/l	119%	1,43
K	1,54	0,31	µg/l	110%	0,77
L	<2		µg/l	*	
M	1,60	0,42	µg/l	114%	1,10
N	1,53	0,31	µg/l	109%	0,71
O	1,973 *	0,206	µg/l	141%	3,15
P	1,715	0,583	µg/l	123%	1,73
Q			µg/l		
R	1,50	0,30	µg/l	107%	0,55
S	1,61	0,29	µg/l	115%	1,15
T	1,40	0,007	µg/l	100%	0,00
U			µg/l		
V	1,48	0,30	µg/l	106%	0,44
W	1,80	0,27	µg/l	129%	2,20
X			µg/l		
Y	1,42	0,34	µg/l	101%	0,11
AA			µg/l		
AB	1,47	0,049	µg/l	105%	0,38

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,53 \pm 0,10	1,53 \pm 0,08	µg/l
Recov. \pm Cl(99%)	109,6 \pm 7,2	109,3 \pm 5,4	%
SD between labs	0,17	0,12	µg/l
RSD between labs	10,9	7,7	%
n for calculation	22	20	



Sample C-CB06B

Parameter 1,2-Dichloroethane

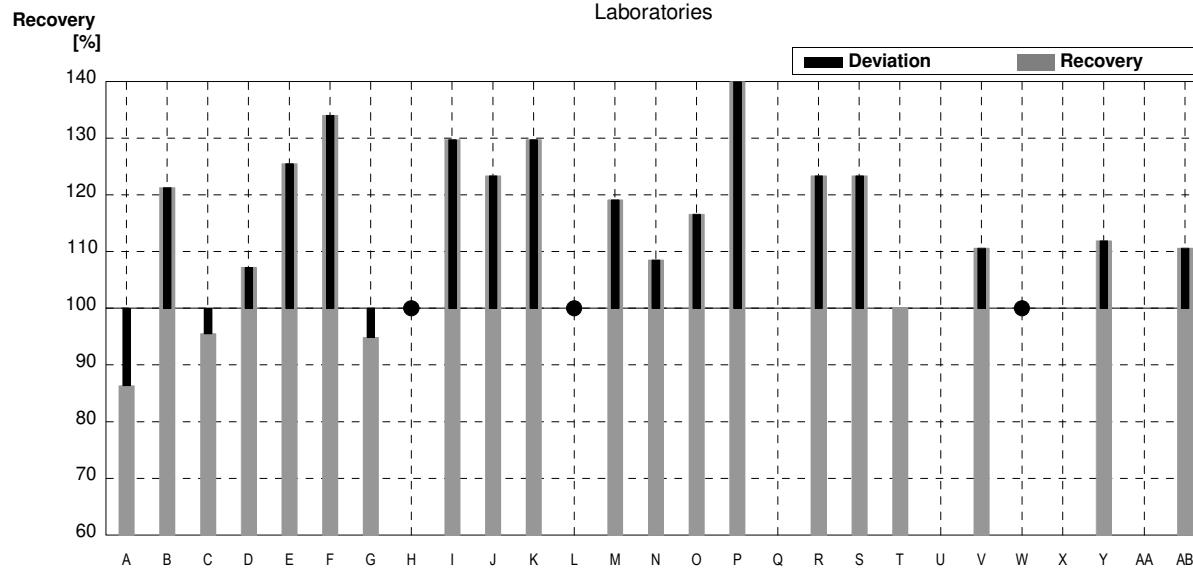
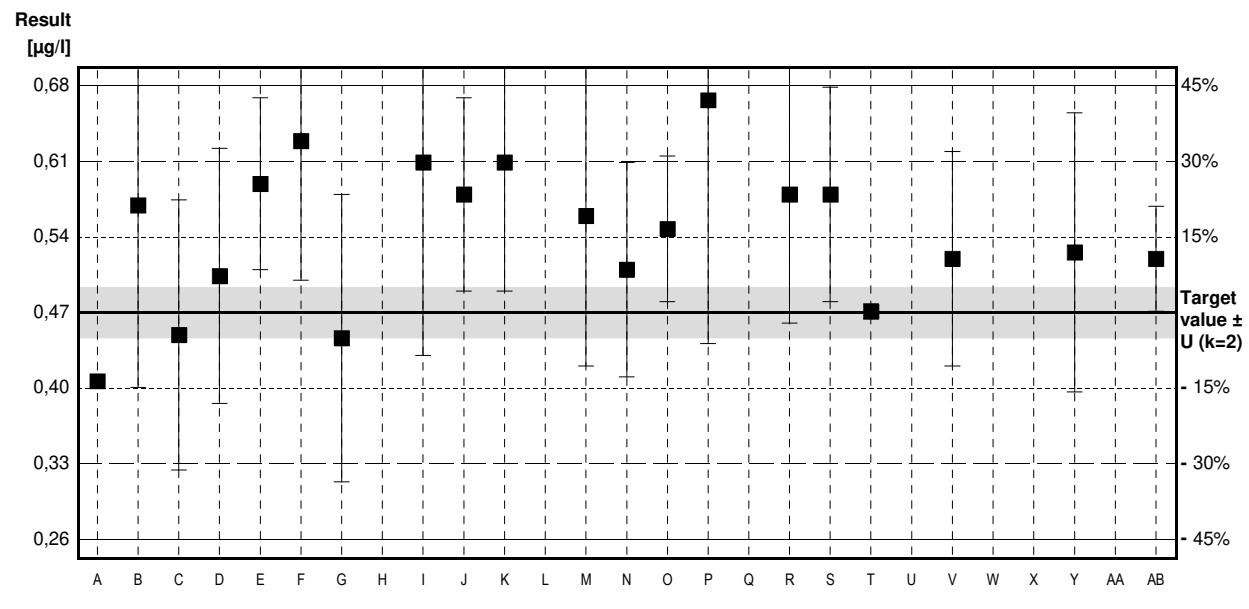
Target value $\pm U$ ($k=2$) 0,47 µg/l \pm 0,02 µg/l

IFA result $\pm U$ ($k=2$) 0,47 µg/l \pm 0,07 µg/l

Stability test $\pm U$ ($k=2$) 0,52 µg/l \pm 0,08 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A	0,406		µg/l	86%	
B	0,57	0,17	µg/l	121%	
C	0,449	0,126	µg/l	96%	
D	0,504	0,119	µg/l	107%	
E	0,59	0,08	µg/l	126%	
F	0,63	0,13	µg/l	134%	
G	0,446	0,134	µg/l	95%	
H	<1,0		µg/l	*	
I	0,61	0,18	µg/l	130%	
J	0,58	0,09	µg/l	123%	
K	0,61	0,12	µg/l	130%	
L	<2		µg/l	*	
M	0,56	0,14	µg/l	119%	
N	0,51	0,10	µg/l	109%	
O	0,548	0,068	µg/l	117%	
P	0,668	0,227	µg/l	142%	
Q			µg/l		
R	0,58	0,12	µg/l	123%	
S	0,58	0,10	µg/l	123%	
T	0,471	0,007	µg/l	100%	
U			µg/l		
V	0,52	0,10	µg/l	111%	
W	<0,5		µg/l	*	
X			µg/l		
Y	0,526	0,13	µg/l	112%	
AA			µg/l		
AB	0,520	0,049	µg/l	111%	

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	0,54 \pm 0,04	0,54 \pm 0,04	µg/l
Recov. \pm Cl(99%)	115,7 \pm 9,1	115,7 \pm 9,1	%
SD between labs	0,07	0,07	µg/l
RSD between labs	12,3	12,3	%
n for calculation	20	20	



Sample C-CB06A

Parameter cis-1,2-Dichloroethene

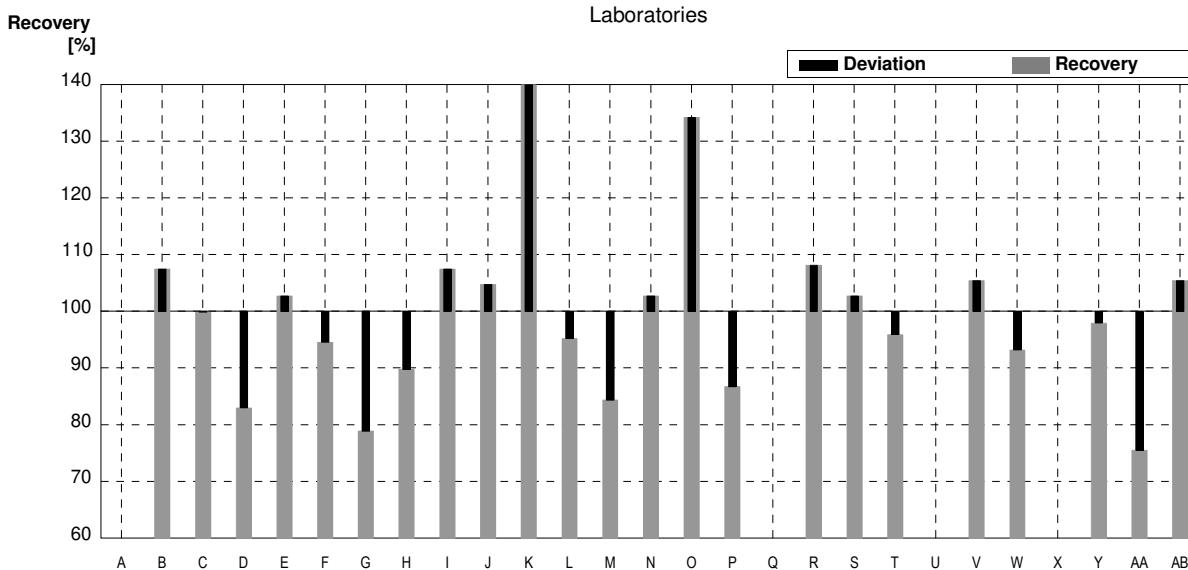
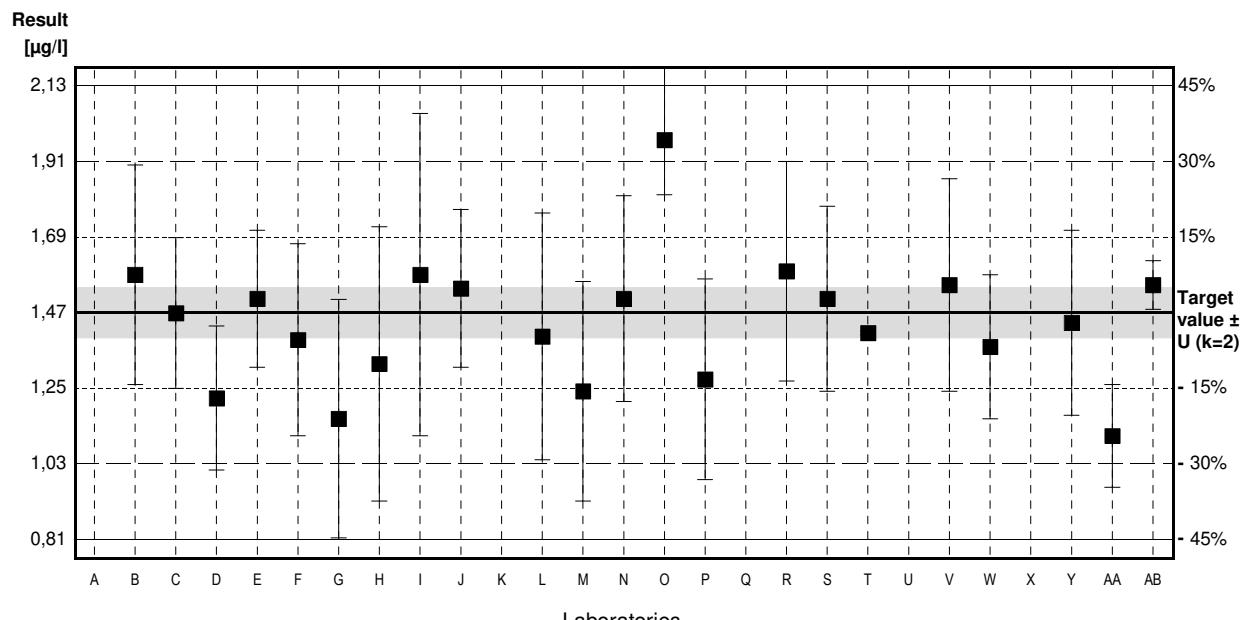
Target value $\pm U$ ($k=2$) 1,47 µg/l \pm 0,07 µg/l

IFA result $\pm U$ ($k=2$) 1,49 µg/l \pm 0,22 µg/l

Stability test $\pm U$ ($k=2$) 1,48 µg/l \pm 0,22 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	1,58	0,32	µg/l	107%	0,53
C	1,468	0,220	µg/l	100%	-0,01
D	1,22	0,21	µg/l	83%	-1,21
E	1,51	0,20	µg/l	103%	0,19
F	1,39	0,28	µg/l	95%	-0,39
G	1,16	0,348	µg/l	79%	-1,51
H	1,32	0,40	µg/l	90%	-0,73
I	1,58	0,47	µg/l	107%	0,53
J	1,54	0,23	µg/l	105%	0,34
K	2,48 *	0,50	µg/l	169%	4,91
L	1,4	0,36	µg/l	95%	-0,34
M	1,24	0,32	µg/l	84%	-1,12
N	1,51	0,30	µg/l	103%	0,19
O	1,973 *	0,160	µg/l	134%	2,44
P	1,275	0,293	µg/l	87%	-0,95
Q			µg/l		
R	1,59	0,32	µg/l	108%	0,58
S	1,51	0,27	µg/l	103%	0,19
T	1,41	0,006	µg/l	96%	-0,29
U			µg/l		
V	1,55	0,31	µg/l	105%	0,39
W	1,37	0,21	µg/l	93%	-0,49
X			µg/l		
Y	1,44	0,27	µg/l	98%	-0,15
AA	1,11	0,15	µg/l	76%	-1,75
AB	1,55	0,071	µg/l	105%	0,39

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	1,49 \pm 0,17	1,42 \pm 0,09	µg/l
Recov. \pm Cl(99%)	101,1 \pm 11,3	96,3 \pm 6,2	%
SD between labs	0,28	0,15	µg/l
RSD between labs	19,0	10,3	%
n for calculation	23	21	



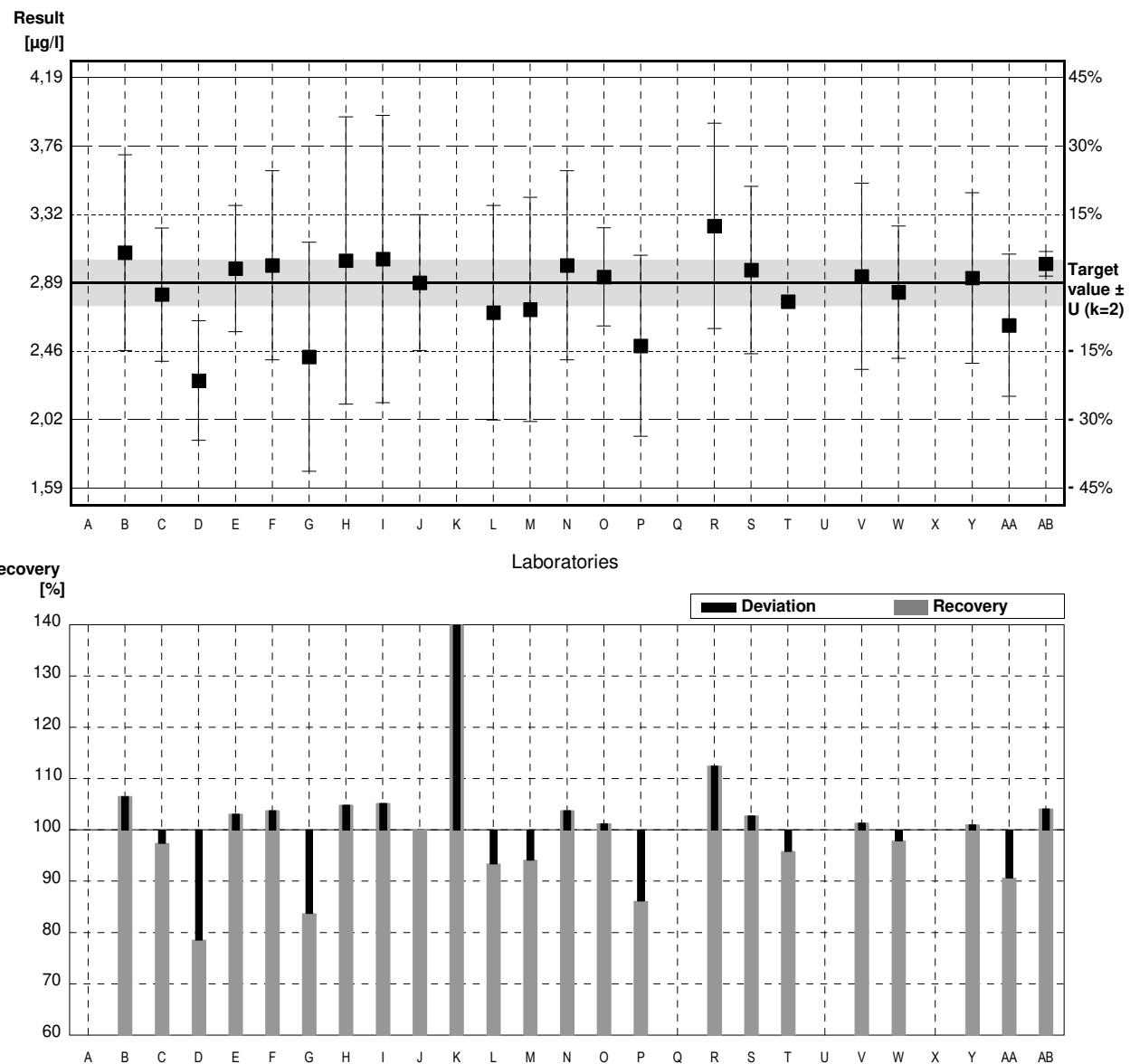
Sample C-CB06B

Parameter cis-1,2-Dichloroethene

Target value $\pm U$ ($k=2$) 2,89 µg/l \pm 0,14 µg/l
 IFA result $\pm U$ ($k=2$) 2,91 µg/l \pm 0,44 µg/l
 Stability test $\pm U$ ($k=2$) 2,95 µg/l \pm 0,44 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	3,08	0,62	µg/l	107%	0,47
C	2,815	0,422	µg/l	97%	-0,19
D	2,27 *	0,38	µg/l	79%	-1,53
E	2,98	0,40	µg/l	103%	0,22
F	3,00	0,60	µg/l	104%	0,27
G	2,42	0,726	µg/l	84%	-1,16
H	3,03	0,91	µg/l	105%	0,35
I	3,04	0,91	µg/l	105%	0,37
J	2,89	0,43	µg/l	100%	0,00
K	4,92 *	0,98	µg/l	170%	5,02
L	2,7	0,68	µg/l	93%	-0,47
M	2,72	0,71	µg/l	94%	-0,42
N	3,00	0,60	µg/l	104%	0,27
O	2,927	0,311	µg/l	101%	0,09
P	2,490	0,573	µg/l	86%	-0,99
Q			µg/l		
R	3,25	0,65	µg/l	112%	0,89
S	2,97	0,53	µg/l	103%	0,20
T	2,77	0,015	µg/l	96%	-0,30
U			µg/l		
V	2,93	0,59	µg/l	101%	0,10
W	2,83	0,42	µg/l	98%	-0,15
X			µg/l		
Y	2,92	0,54	µg/l	101%	0,07
AA	2,62	0,45	µg/l	91%	-0,67
AB	3,01	0,078	µg/l	104%	0,30

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,94 \pm 0,29	2,88 \pm 0,12	µg/l
Recov. \pm Cl(99%)	101,7 \pm 9,9	99,5 \pm 4,3	%
SD between labs	0,49	0,20	µg/l
RSD between labs	16,6	7,0	%
n for calculation	23	21	



Sample C-CB06A

Parameter trans-1,2-Dichloroethene

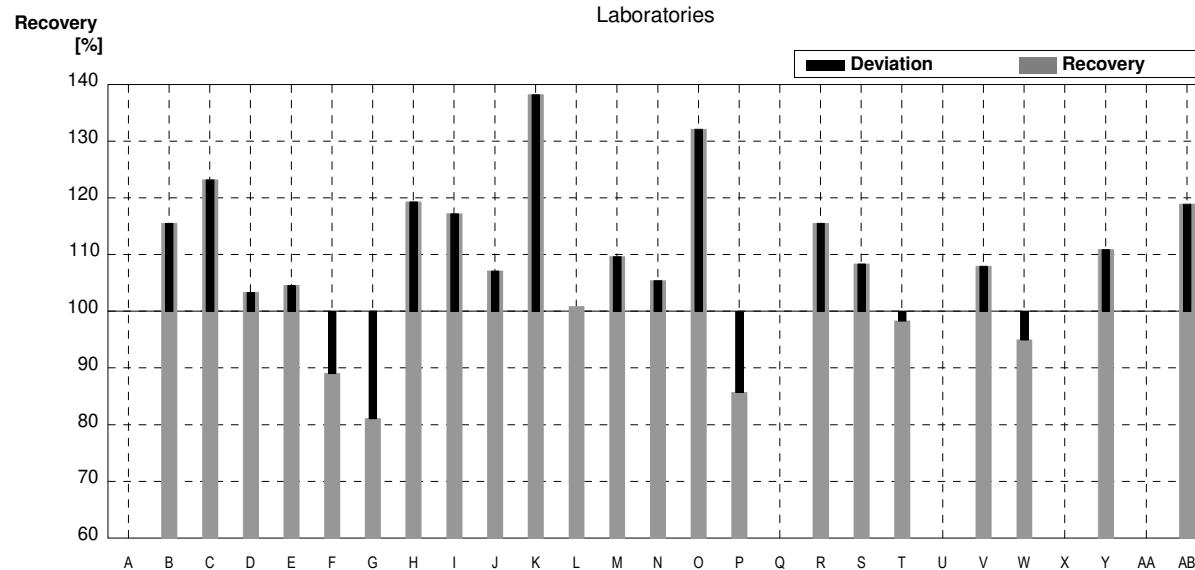
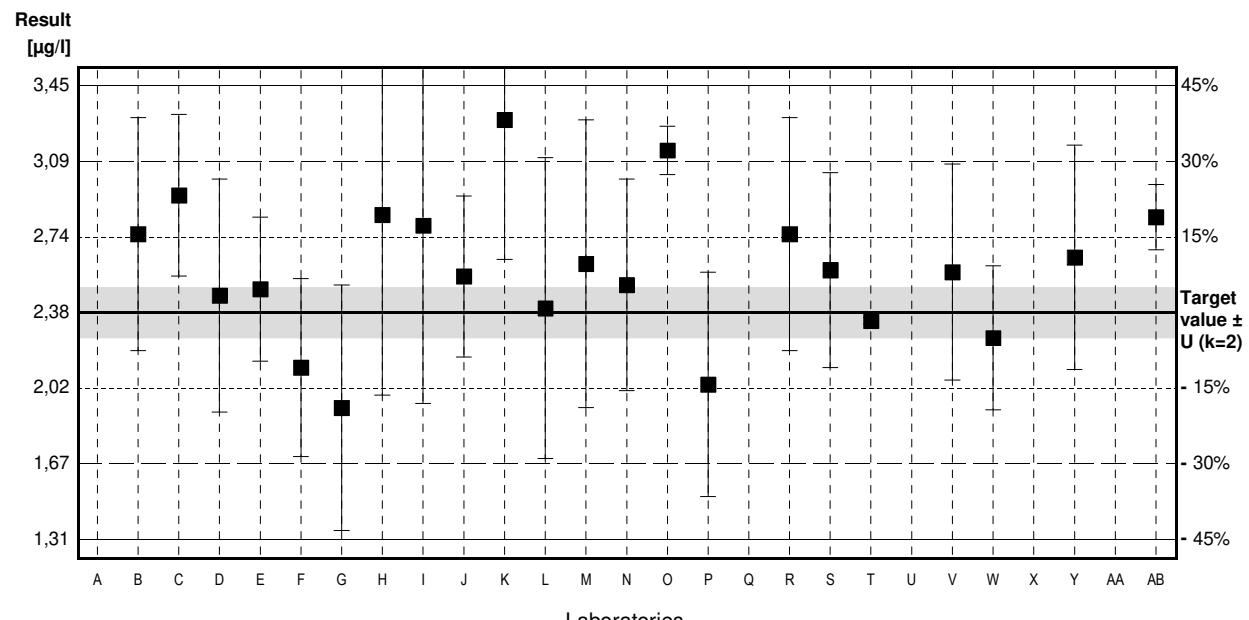
Target value $\pm U$ ($k=2$) 2,38 µg/l \pm 0,12 µg/l

IFA result $\pm U$ ($k=2$) 2,29 µg/l \pm 0,34 µg/l

Stability test $\pm U$ ($k=2$) 2,33 µg/l \pm 0,35 µg/l

Lab Code	Result	\pm	Unit	Recovery	z-Score
A			µg/l		
B	2,75	0,55	µg/l	116%	1,20
C	2,933	0,381	µg/l	123%	1,79
D	2,46	0,55	µg/l	103%	0,26
E	2,49	0,34	µg/l	105%	0,36
F	2,12	0,42	µg/l	89%	-0,84
G	1,93	0,580	µg/l	81%	-1,45
H	2,84	0,85	µg/l	119%	1,49
I	2,79	0,84	µg/l	117%	1,33
J	2,55	0,38	µg/l	107%	0,55
K	3,29	0,66	µg/l	138%	2,94
L	2,4	0,71	µg/l	101%	0,06
M	2,61	0,68	µg/l	110%	0,74
N	2,51	0,50	µg/l	105%	0,42
O	3,145	0,114	µg/l	132%	2,47
P	2,040	0,530	µg/l	86%	-1,10
Q			µg/l		
R	2,75	0,55	µg/l	116%	1,20
S	2,58	0,46	µg/l	108%	0,65
T	2,34	0,015	µg/l	98%	-0,13
U			µg/l		
V	2,57	0,51	µg/l	108%	0,61
W	2,26	0,34	µg/l	95%	-0,39
X			µg/l		
Y	2,64	0,53	µg/l	111%	0,84
AA			µg/l		
AB	2,83	0,154	µg/l	119%	1,45

	All results	Outliers excl.	Unit
Mean \pm Cl(99%)	2,58 \pm 0,20	2,58 \pm 0,20	µg/l
Recov. \pm Cl(99%)	108,5 \pm 8,4	108,5 \pm 8,4	%
SD between labs	0,33	0,33	µg/l
RSD between labs	12,9	12,9	%
n for calculation	22	22	



Sample C-CB06B

Parameter trans-1,2-Dichloroethene

Target value <0,04 µg/l

IFA result <0,02 µg/l

Stability test <0,02 µg/l

Lab Code	Result	±	Unit	Recovery	z-Score
A			µg/l		
B	<0,5		µg/l	•	
C	<0,05		µg/l	•	
D	0,036	0,008	µg/l	•	
E	<0,05		µg/l	•	
F	<0,10		µg/l	•	
G	<0,100	0,030	µg/l	•	
H	<1,0		µg/l	•	
I	<0,4		µg/l	•	
J	<0,1	0,02	µg/l	•	
K	<0,08		µg/l	•	
L	<0,5		µg/l	•	
M	<0,1	0,03	µg/l	•	
N	<0,5		µg/l	•	
O	<0,1		µg/l	•	
P	<0,080	0,021	µg/l	•	
Q			µg/l		
R	<0,05	0,01	µg/l	•	
S	<0,05		µg/l	•	
T	<0,10		µg/l	•	
U			µg/l		
V	<0,02		µg/l	•	
W	<0,5		µg/l	•	
X			µg/l		
Y	<0,5		µg/l	•	
AA			µg/l		
AB	<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			

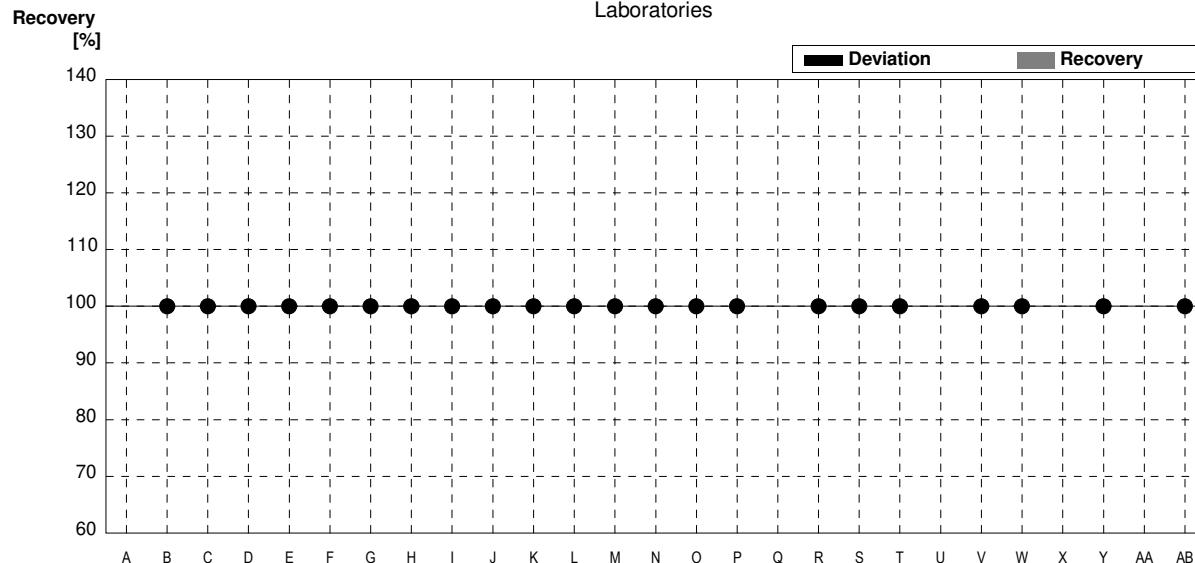
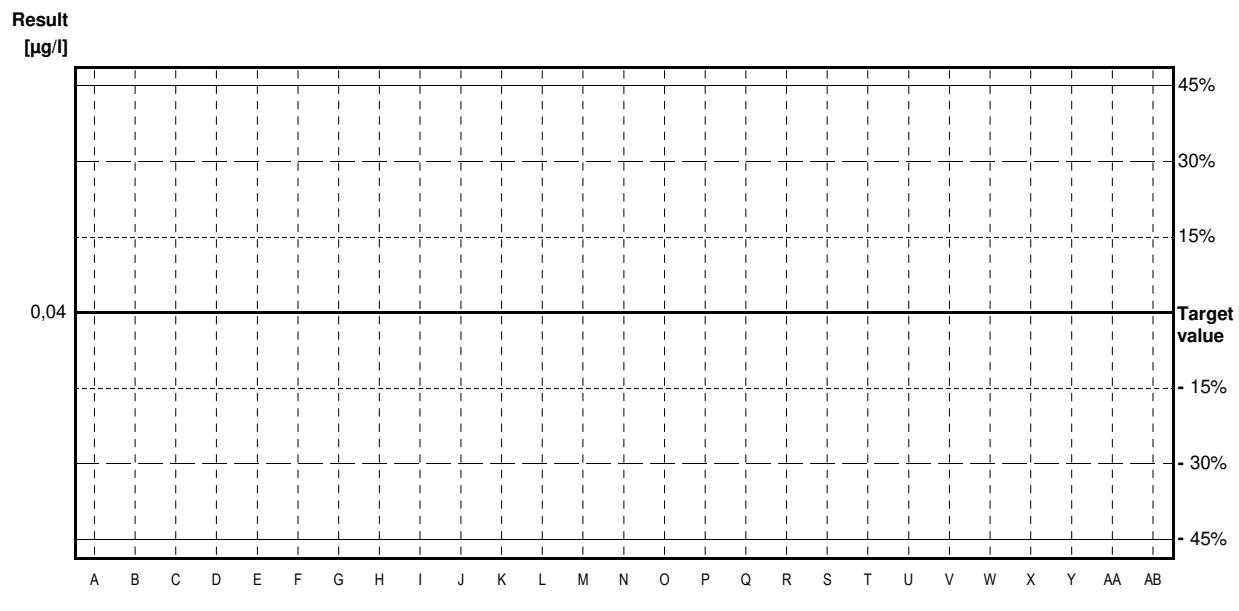


Illustration of Results Laboratory Oriented Part

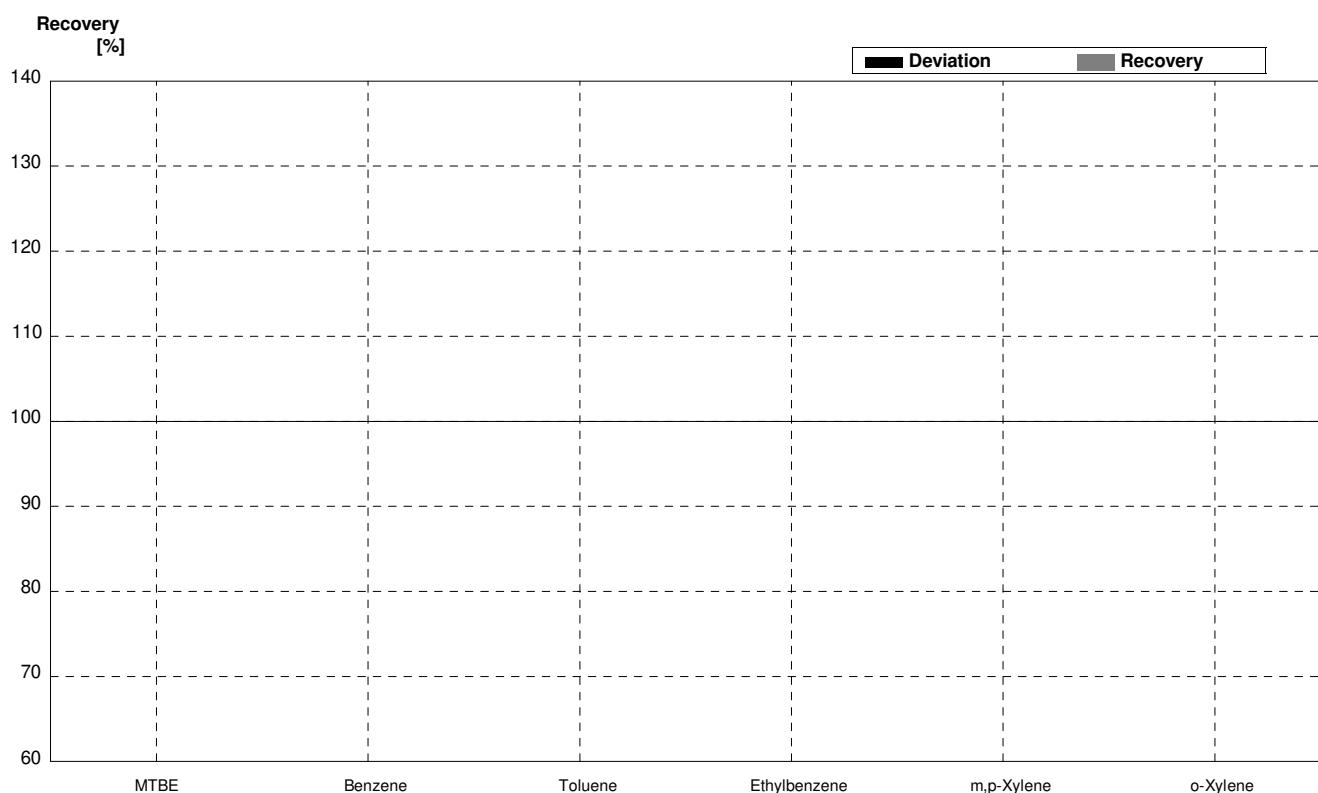
**Round CB06
Volatile Halogenated Hydrocarbons**

Sample Dispatch: 30 September 2019



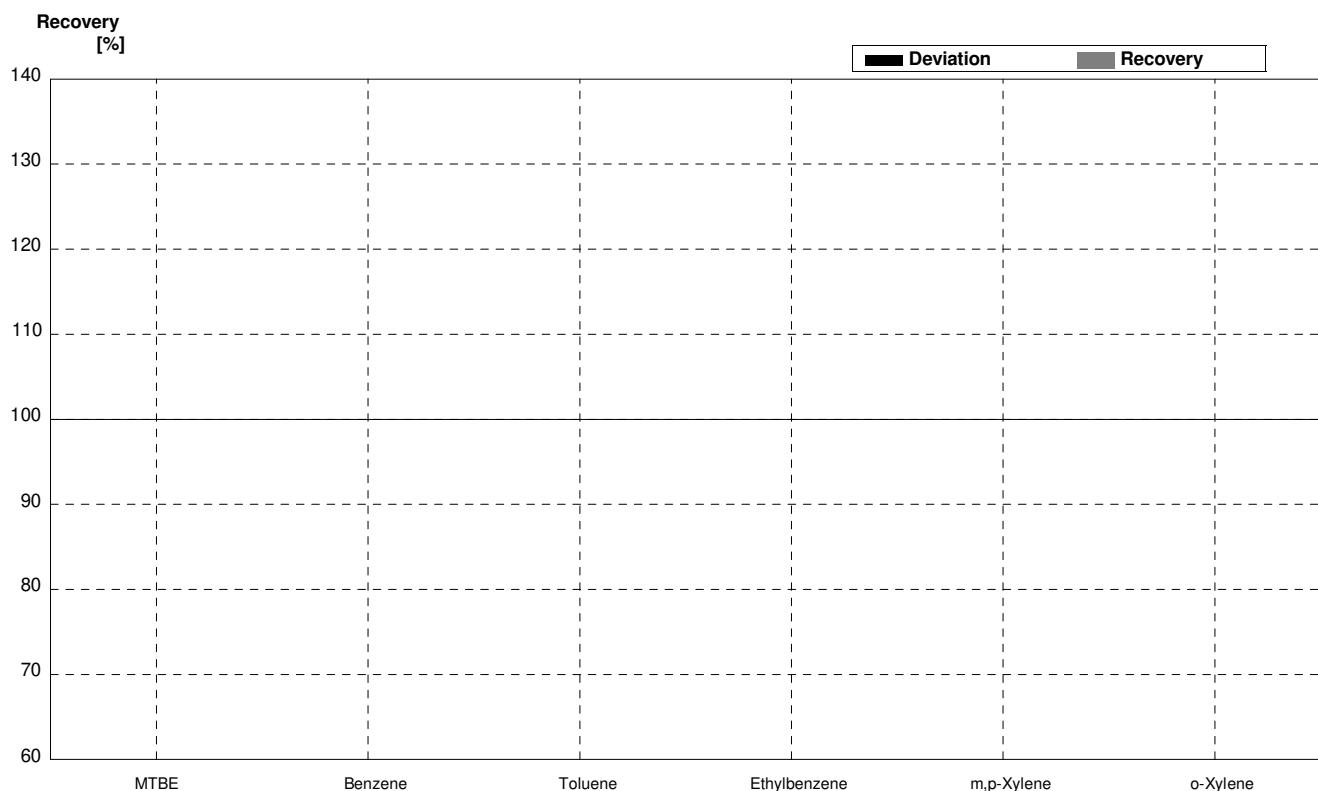
Sample B-CB06A**Laboratory A**

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	0,52	0,03			µg/L	
Benzene	<0,4				µg/L	
Toluene	2,30	0,12			µg/L	
Ethylbenzene	2,70	0,14			µg/L	
m,p-Xylene	0,84	0,04			µg/L	
o-Xylene	1,88	0,09			µg/L	



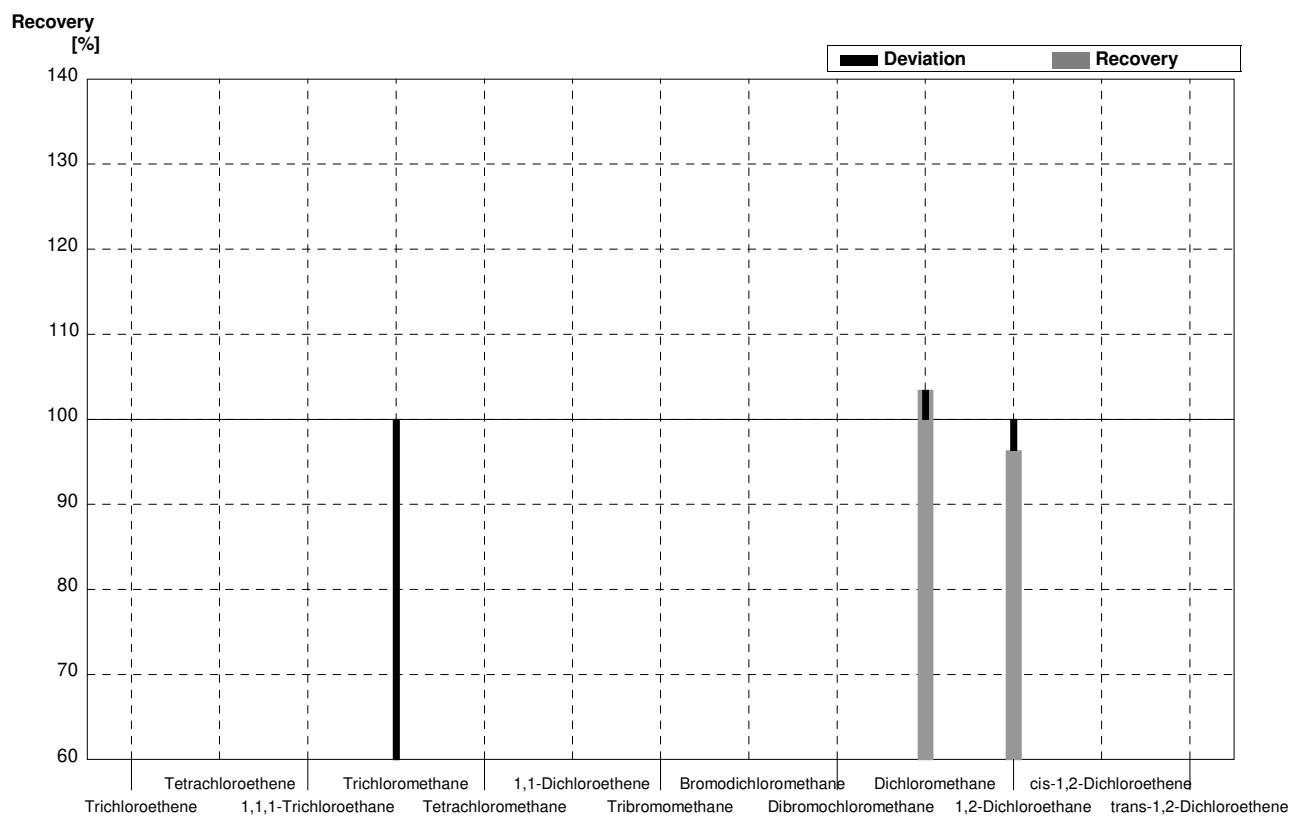
Sample B-CB06B**Laboratory A**

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	2,71	0,14			µg/L	
Benzene	0,56	0,03			µg/L	
Toluene	1,76	0,09			µg/L	
Ethylbenzene	1,42	0,07			µg/L	
m,p-Xylene	6,48	0,32			µg/L	
o-Xylene	3,86	0,19			µg/L	



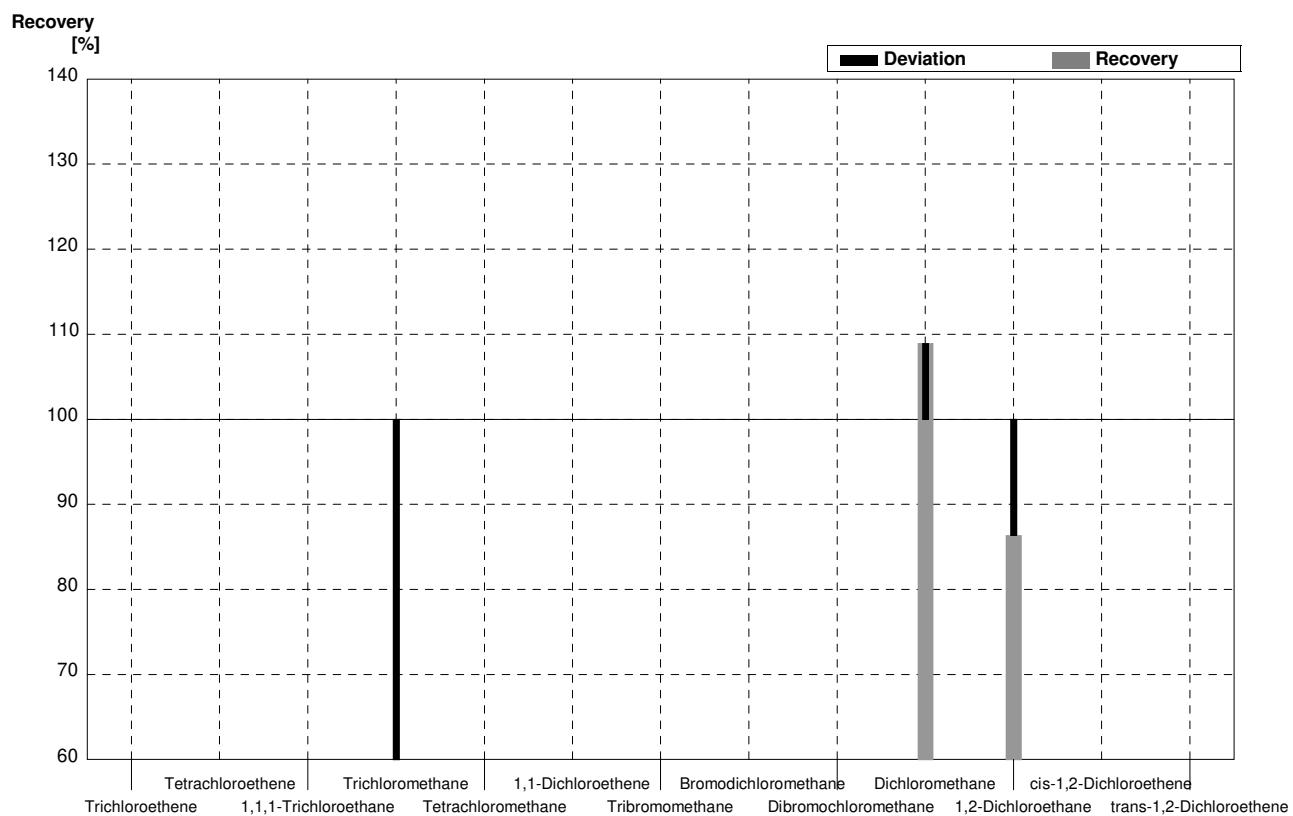
Sample C-CB06A**Laboratory A**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07			$\mu\text{g/l}$	
Tetrachloroethene	0,27	0,01			$\mu\text{g/l}$	
1,1,1-Trichloroethane	<0,08				$\mu\text{g/l}$	
Trichloromethane	3,13	0,16	1,448		$\mu\text{g/l}$	46%
Tetrachloromethane	1,04	0,05			$\mu\text{g/l}$	
1,1-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
Tribromomethane	0,86	0,04			$\mu\text{g/l}$	
Bromodichloromethane	1,78	0,09			$\mu\text{g/l}$	
Dibromochloromethane	<0,1				$\mu\text{g/l}$	
Dichloromethane	2,62	0,13	2,710		$\mu\text{g/l}$	103%
1,2-Dichloroethane	1,40	0,07	1,349		$\mu\text{g/l}$	96%
cis-1,2-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
trans-1,2-Dichloroethene	2,38	0,12			$\mu\text{g/l}$	



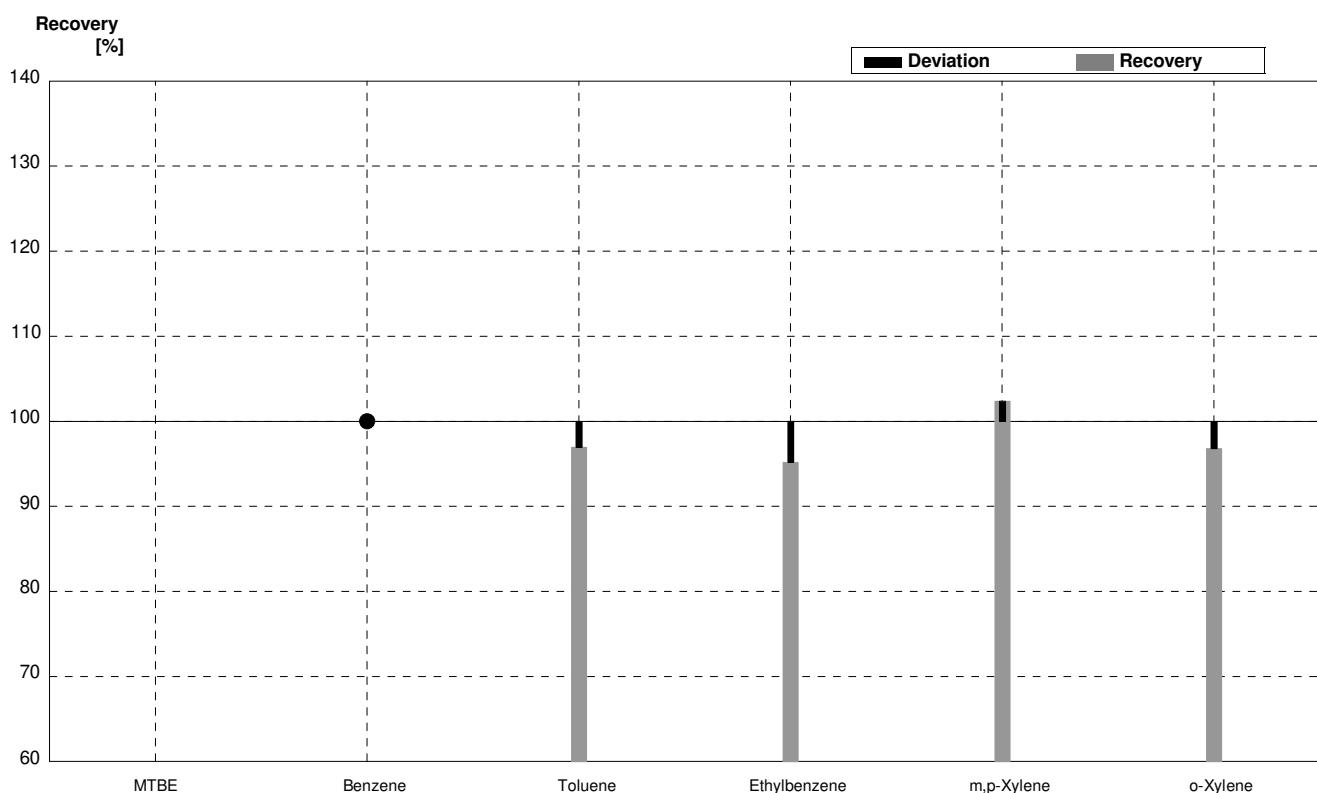
Sample C-CB06B**Laboratory A**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13			$\mu\text{g/l}$	
Tetrachloroethene	2,19	0,11			$\mu\text{g/l}$	
1,1,1-Trichloroethane	0,17	0,01			$\mu\text{g/l}$	
Trichloromethane	1,57	0,08	0,752		$\mu\text{g/l}$	48%
Tetrachloromethane	<0,06				$\mu\text{g/l}$	
1,1-Dichloroethene	3,67	0,18			$\mu\text{g/l}$	
Tribromomethane	1,66	0,08			$\mu\text{g/l}$	
Bromodichloromethane	0,58	0,03			$\mu\text{g/l}$	
Dibromochloromethane	0,44	0,02			$\mu\text{g/l}$	
Dichloromethane	6,20	0,31	6,755		$\mu\text{g/l}$	109%
1,2-Dichloroethane	0,47	0,02	0,406		$\mu\text{g/l}$	86%
cis-1,2-Dichloroethene	2,89	0,14			$\mu\text{g/l}$	
trans-1,2-Dichloroethene	<0,04				$\mu\text{g/l}$	



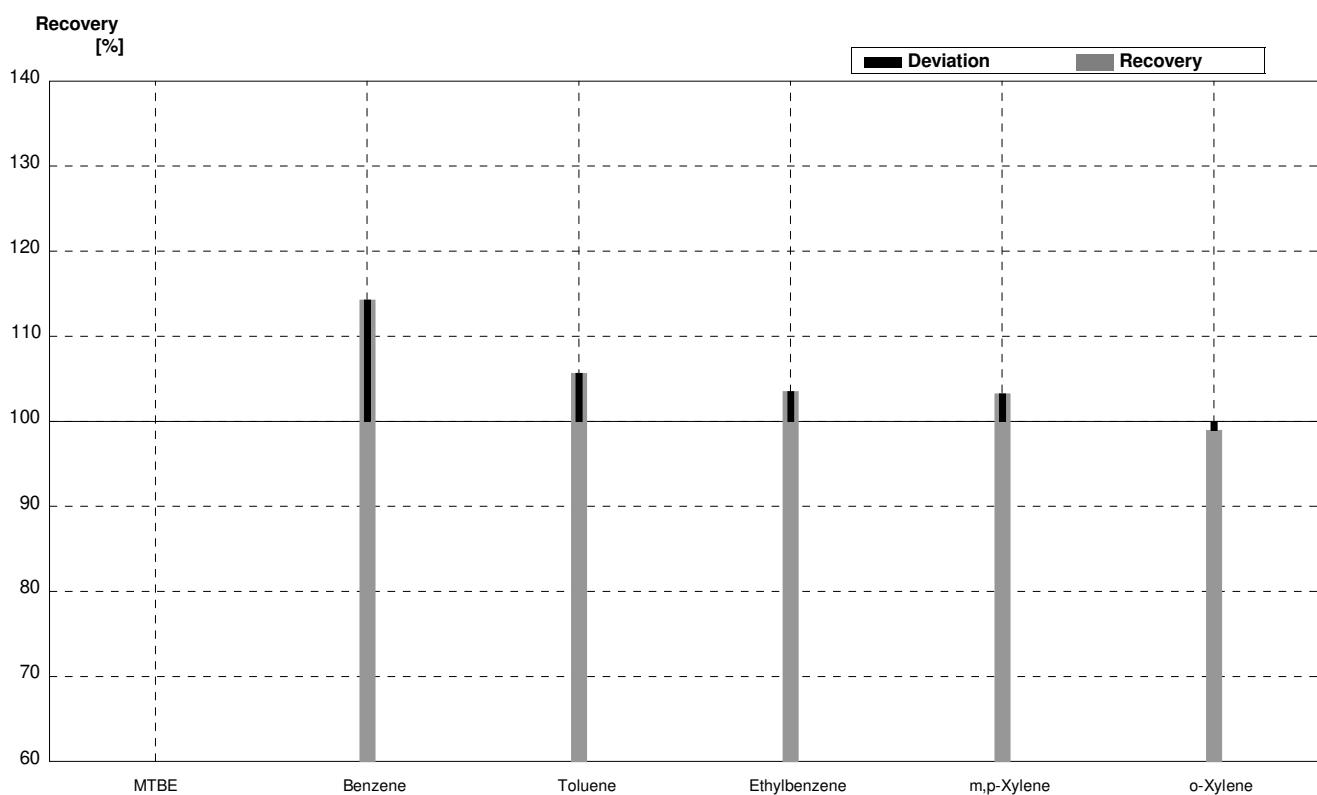
Sample B-CB06A**Laboratory B**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03			$\mu\text{g/L}$	
Benzene	<0,4		<0,5		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,23	0,45	$\mu\text{g/L}$	97%
Ethylbenzene	2,70	0,14	2,57	0,77	$\mu\text{g/L}$	95%
m,p-Xylene	0,84	0,04	0,86	0,26	$\mu\text{g/L}$	102%
o-Xylene	1,88	0,09	1,82	0,36	$\mu\text{g/L}$	97%



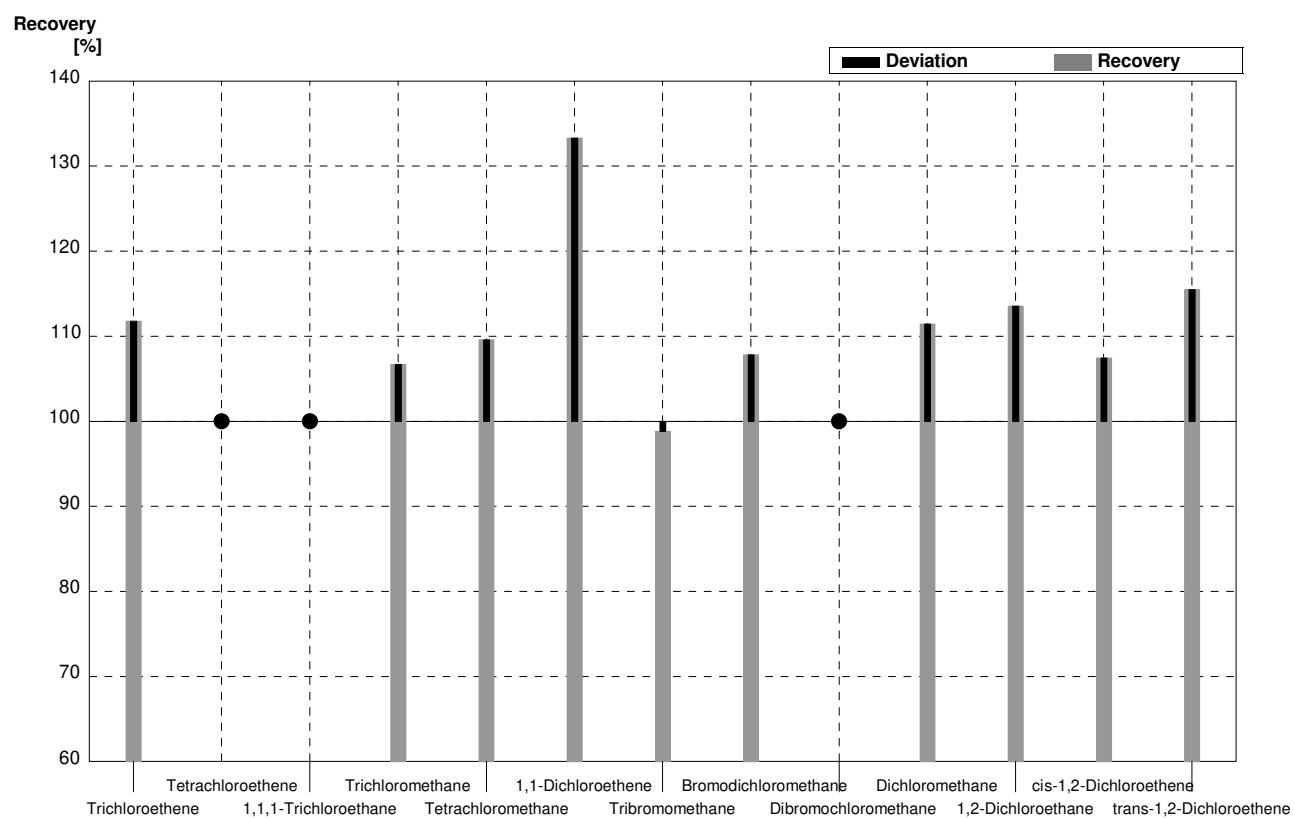
Sample B-CB06B**Laboratory B**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14			$\mu\text{g/L}$	
Benzene	0,56	0,03	0,64	0,19	$\mu\text{g/L}$	114%
Toluene	1,76	0,09	1,86	0,37	$\mu\text{g/L}$	106%
Ethylbenzene	1,42	0,07	1,47	0,29	$\mu\text{g/L}$	104%
m,p-Xylene	6,48	0,32	6,69	2,01	$\mu\text{g/L}$	103%
o-Xylene	3,86	0,19	3,82	0,76	$\mu\text{g/L}$	99%



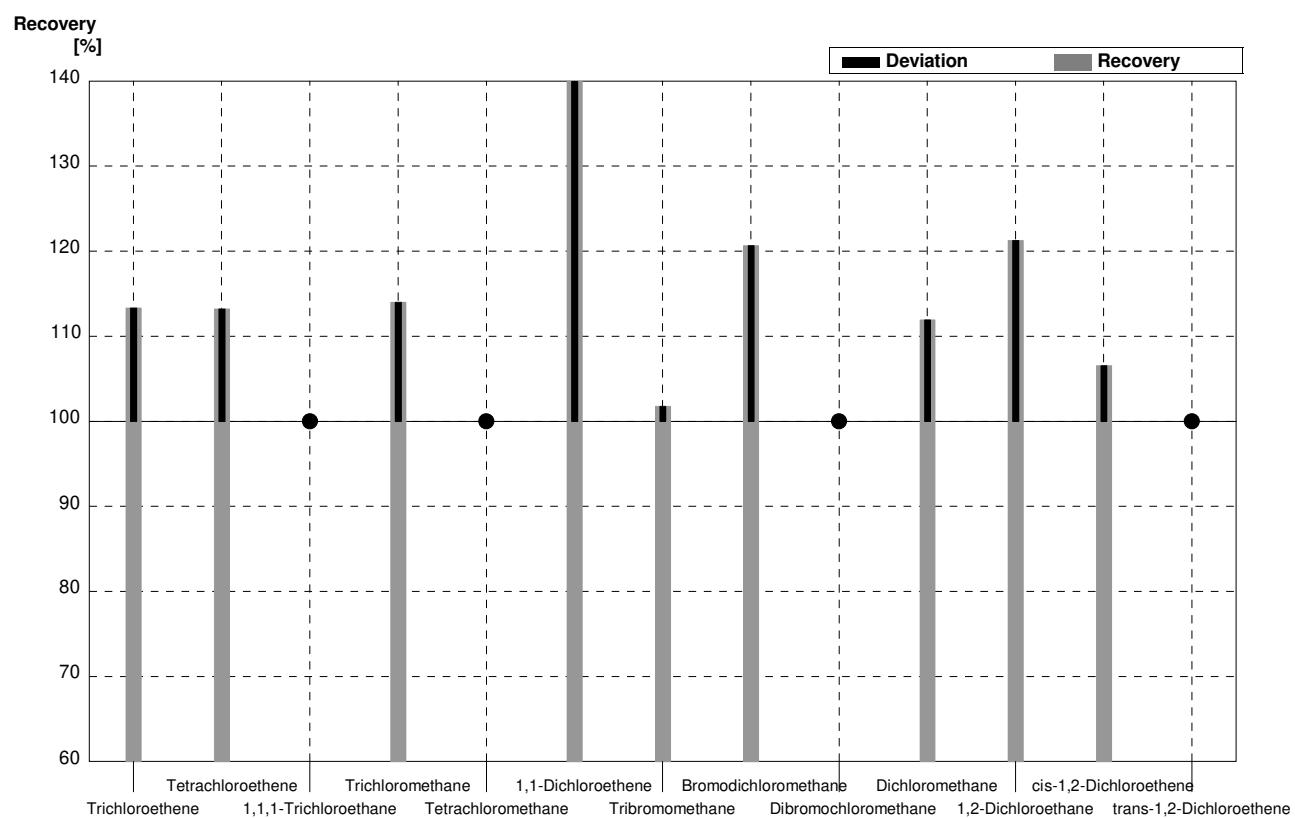
Sample C-CB06A**Laboratory B**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,61	0,48	$\mu\text{g/l}$	112%
Tetrachloroethene	0,27	0,01	<0,5		$\mu\text{g/l}$	•
1,1,1-Trichloroethane	<0,08		<0,5		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,34	0,67	$\mu\text{g/l}$	107%
Tetrachloromethane	1,04	0,05	1,14	0,23	$\mu\text{g/l}$	110%
1,1-Dichloroethene	1,47	0,07	1,96	0,39	$\mu\text{g/l}$	133%
Tribromomethane	0,86	0,04	0,85	0,26	$\mu\text{g/l}$	99%
Bromodichloromethane	1,78	0,09	1,92	0,38	$\mu\text{g/l}$	108%
Dibromochloromethane	<0,1		<0,5		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,92	0,58	$\mu\text{g/l}$	111%
1,2-Dichloroethane	1,40	0,07	1,59	0,32	$\mu\text{g/l}$	114%
cis-1,2-Dichloroethene	1,47	0,07	1,58	0,32	$\mu\text{g/l}$	107%
trans-1,2-Dichloroethene	2,38	0,12	2,75	0,55	$\mu\text{g/l}$	116%



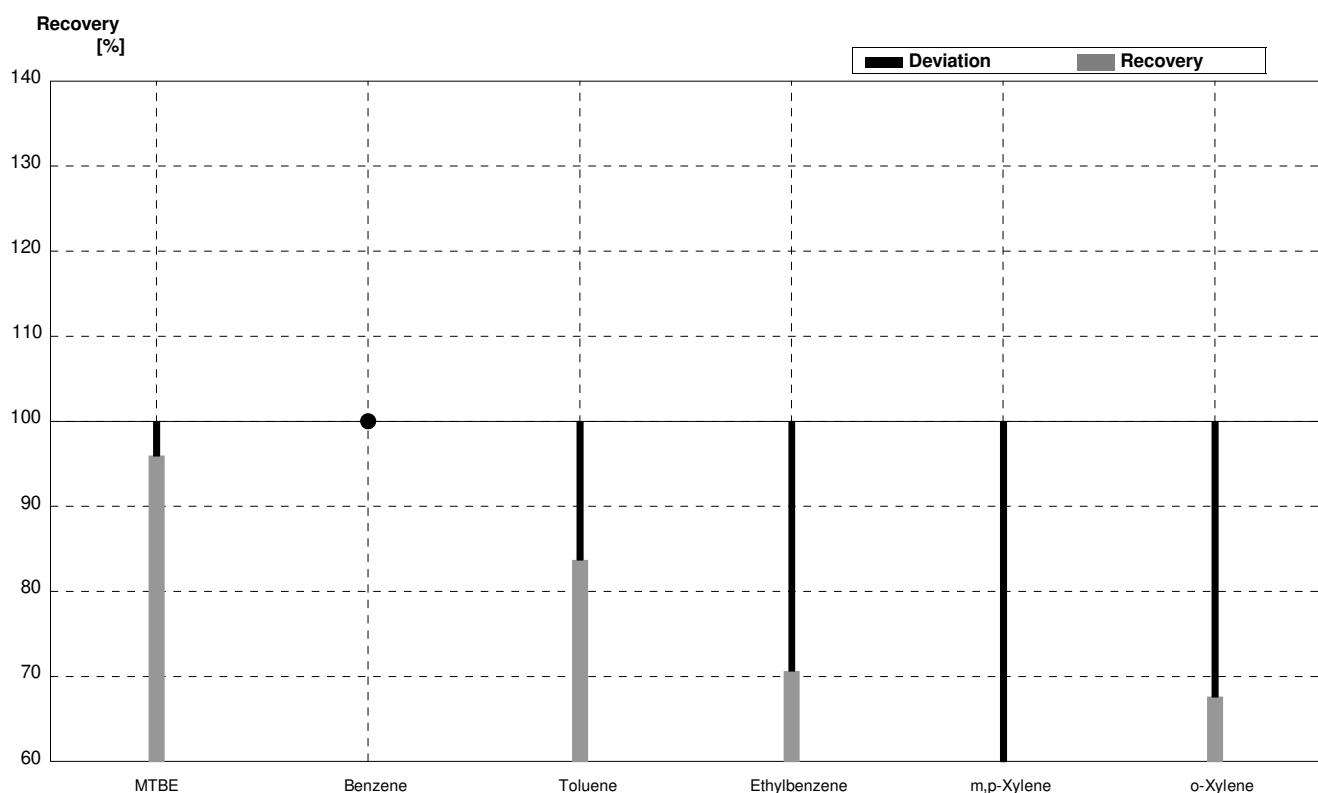
Sample C-CB06B**Laboratory B**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,89	0,58	$\mu\text{g/l}$	113%
Tetrachloroethene	2,19	0,11	2,48	0,50	$\mu\text{g/l}$	113%
1,1,1-Trichloroethane	0,17	0,01	<0,5		$\mu\text{g/l}$	•
Trichloromethane	1,57	0,08	1,79	0,36	$\mu\text{g/l}$	114%
Tetrachloromethane	<0,06		<0,5		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	5,20	1,04	$\mu\text{g/l}$	142%
Tribromomethane	1,66	0,08	1,69	0,34	$\mu\text{g/l}$	102%
Bromodichloromethane	0,58	0,03	0,70	0,21	$\mu\text{g/l}$	121%
Dibromochloromethane	0,44	0,02	<0,5		$\mu\text{g/l}$	•
Dichloromethane	6,20	0,31	6,94	1,39	$\mu\text{g/l}$	112%
1,2-Dichloroethane	0,47	0,02	0,57	0,17	$\mu\text{g/l}$	121%
cis-1,2-Dichloroethene	2,89	0,14	3,08	0,62	$\mu\text{g/l}$	107%
trans-1,2-Dichloroethene	<0,04		<0,5		$\mu\text{g/l}$	•



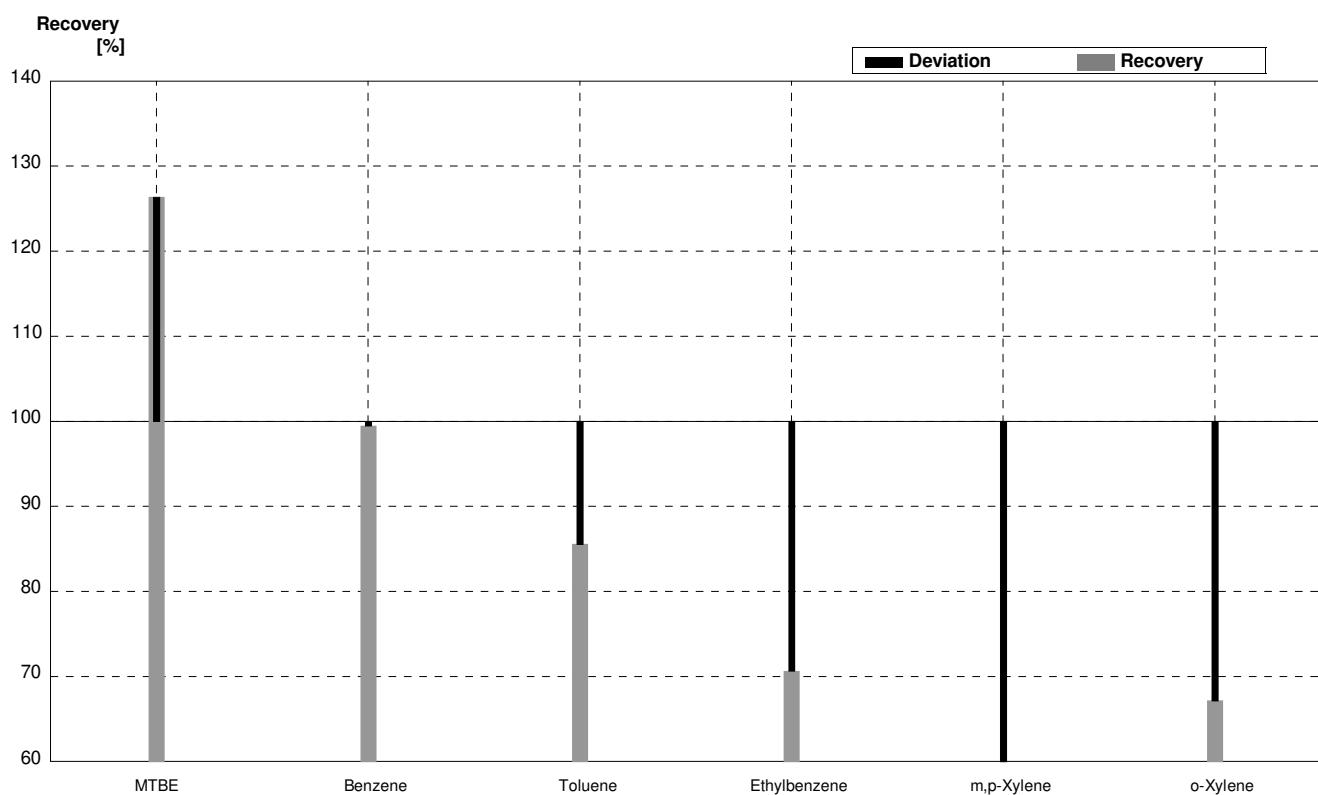
Sample B-CB06A
Laboratory C

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,499	0,145	$\mu\text{g/L}$	96%
Benzene	<0,4		<0,05		$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,925	0,423	$\mu\text{g/L}$	84%
Ethylbenzene	2,70	0,14	1,907	0,591	$\mu\text{g/L}$	71%
m,p-Xylene	0,84	0,04	0,371	0,115	$\mu\text{g/L}$	44%
o-Xylene	1,88	0,09	1,271	0,305	$\mu\text{g/L}$	68%



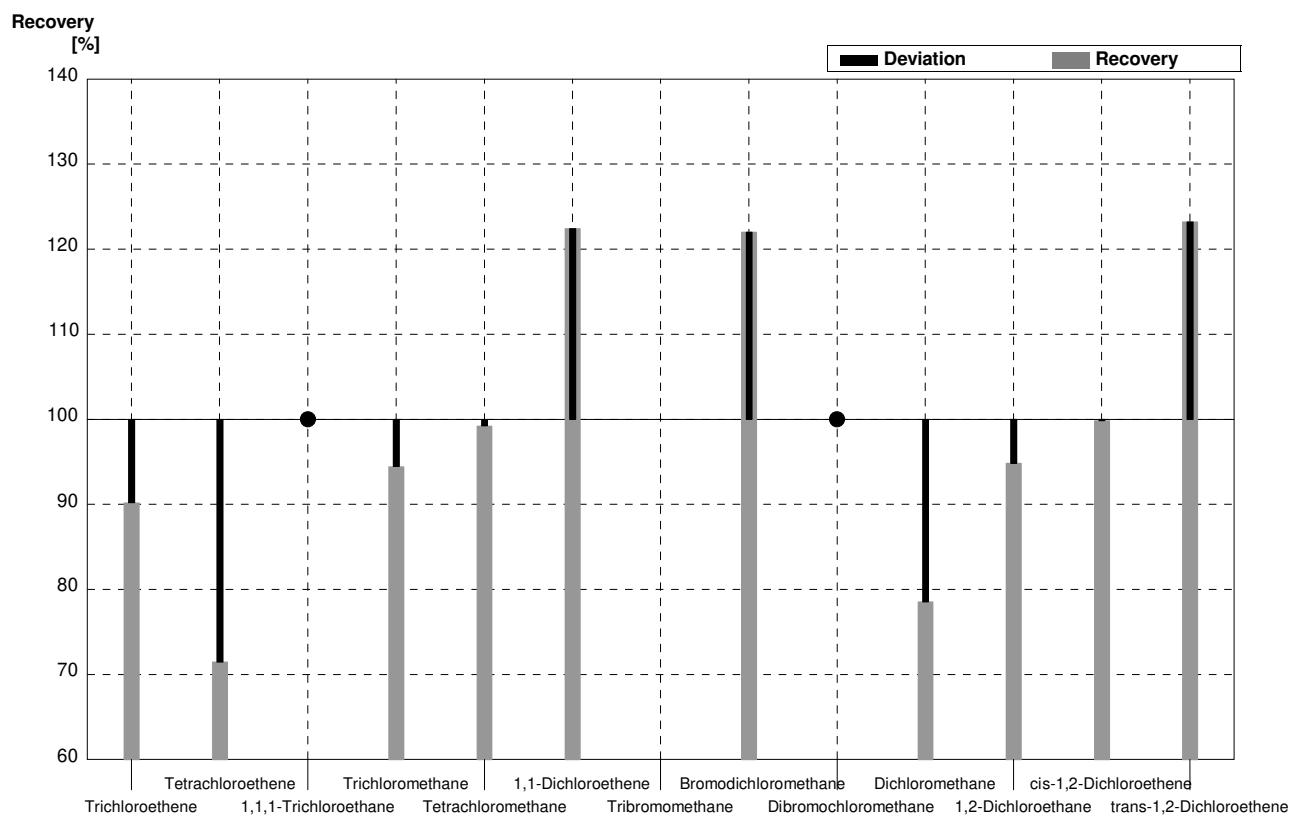
Sample B-CB06B**Laboratory C**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	3,424	0,993	$\mu\text{g/L}$	126%
Benzene	0,56	0,03	0,557	0,106	$\mu\text{g/L}$	99%
Toluene	1,76	0,09	1,506	0,331	$\mu\text{g/L}$	86%
Ethylbenzene	1,42	0,07	1,003	0,311	$\mu\text{g/L}$	71%
m,p-Xylene	6,48	0,32	2,233	0,692	$\mu\text{g/L}$	34%
o-Xylene	3,86	0,19	2,593	0,622	$\mu\text{g/L}$	67%



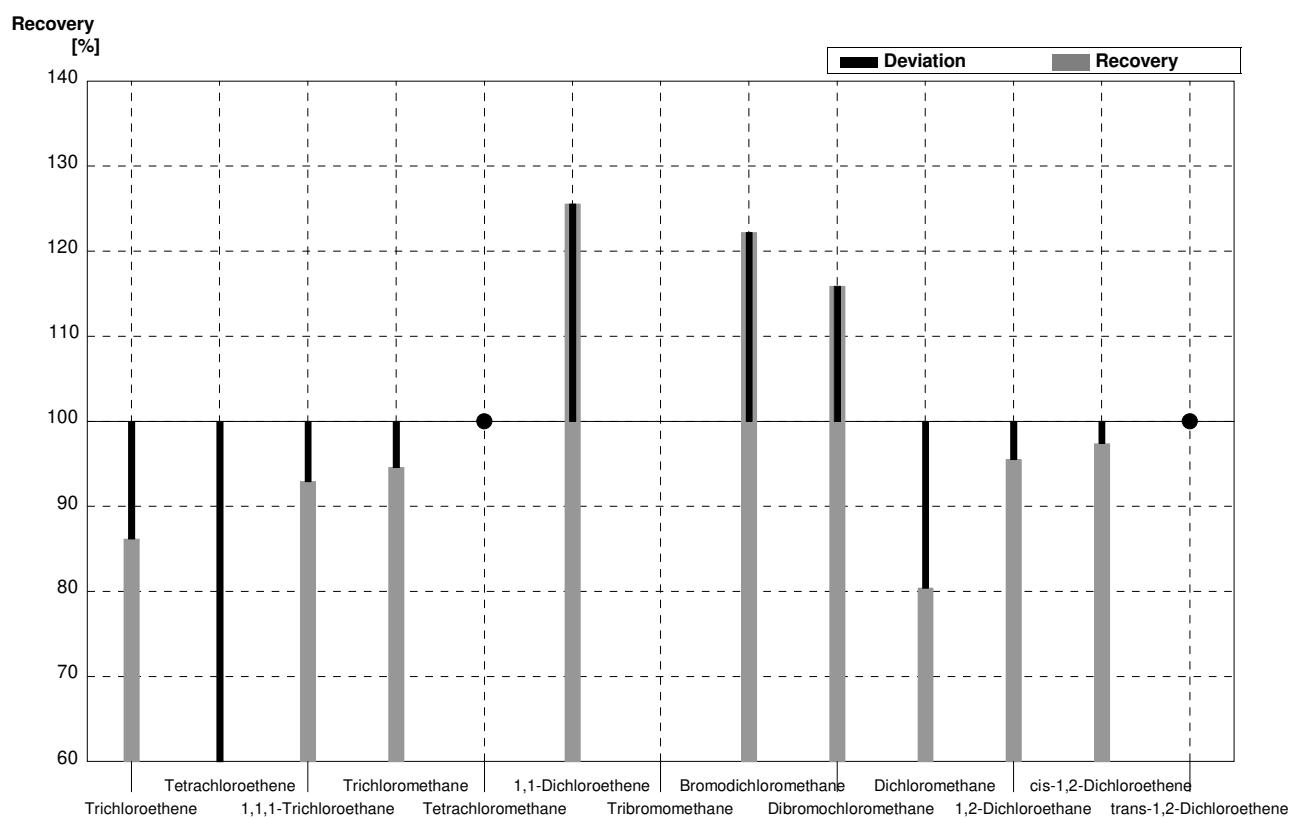
Sample C-CB06A
Laboratory C

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	1,44	0,07	1,299	0,286	µg/l	90%
Tetrachloroethene	0,27	0,01	0,193	0,062	µg/l	71%
1,1,1-Trichloroethane	<0,08		<0,05		µg/l	•
Trichloromethane	3,13	0,16	2,957	0,798	µg/l	94%
Tetrachloromethane	1,04	0,05	1,032	0,310	µg/l	99%
1,1-Dichloroethene	1,47	0,07	1,800	0,738	µg/l	122%
Tribromomethane	0,86	0,04			µg/l	
Bromodichloromethane	1,78	0,09	2,172	0,586	µg/l	122%
Dibromochloromethane	<0,1		<0,05		µg/l	•
Dichloromethane	2,62	0,13	2,058	0,576	µg/l	79%
1,2-Dichloroethane	1,40	0,07	1,328	0,372	µg/l	95%
cis-1,2-Dichloroethene	1,47	0,07	1,468	0,220	µg/l	100%
trans-1,2-Dichloroethene	2,38	0,12	2,933	0,381	µg/l	123%



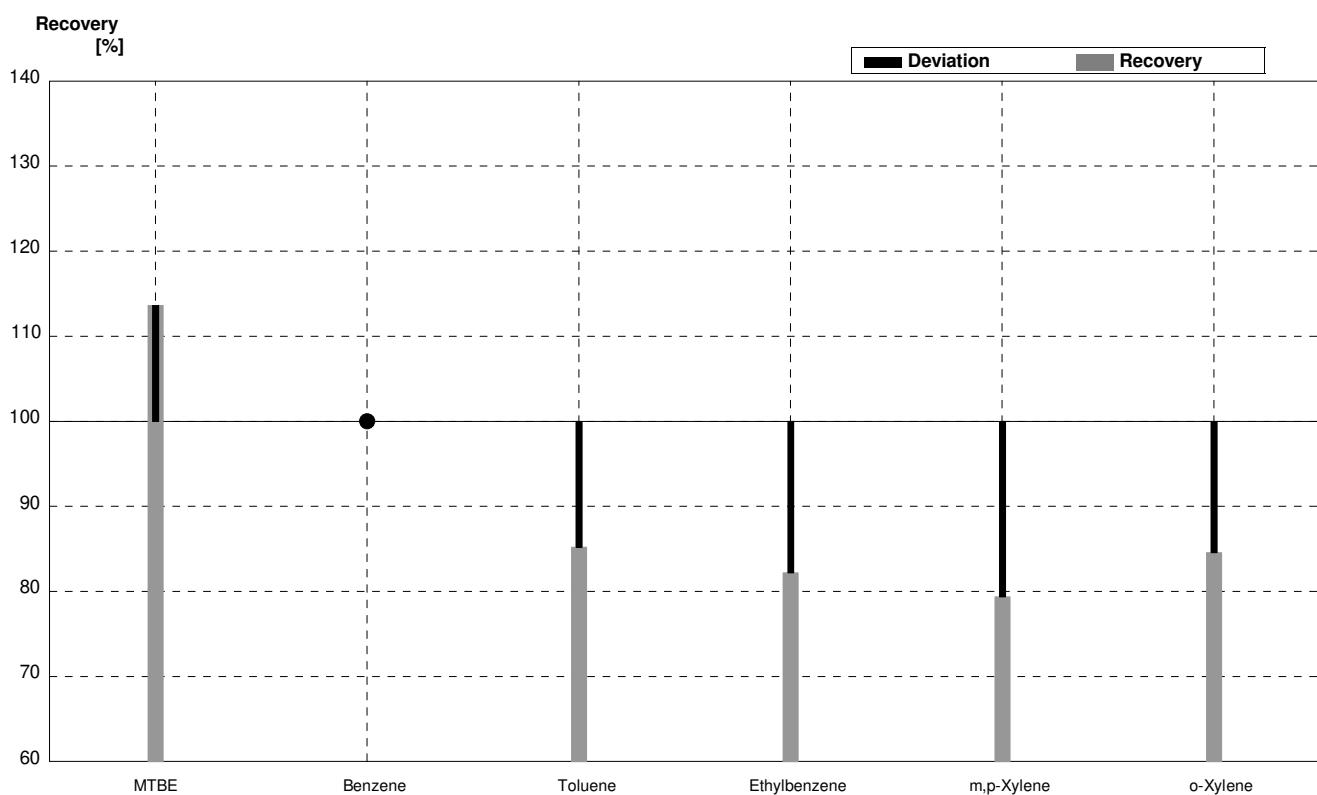
Sample C-CB06B**Laboratory C**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,198	0,484	$\mu\text{g/l}$	86%
Tetrachloroethene	2,19	0,11	1,284	0,411	$\mu\text{g/l}$	59%
1,1,1-Trichloroethane	0,17	0,01	0,158	0,036	$\mu\text{g/l}$	93%
Trichloromethane	1,57	0,08	1,485	0,401	$\mu\text{g/l}$	95%
Tetrachloromethane	<0,06		<0,05		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,608	1,889	$\mu\text{g/l}$	126%
Tribromomethane	1,66	0,08			$\mu\text{g/l}$	
Bromodichloromethane	0,58	0,03	0,709	0,191	$\mu\text{g/l}$	122%
Dibromochloromethane	0,44	0,02	0,510	0,194	$\mu\text{g/l}$	116%
Dichloromethane	6,20	0,31	4,985	1,396	$\mu\text{g/l}$	80%
1,2-Dichloroethane	0,47	0,02	0,449	0,126	$\mu\text{g/l}$	96%
cis-1,2-Dichloroethene	2,89	0,14	2,815	0,422	$\mu\text{g/l}$	97%
trans-1,2-Dichloroethene	<0,04		<0,05		$\mu\text{g/l}$	•



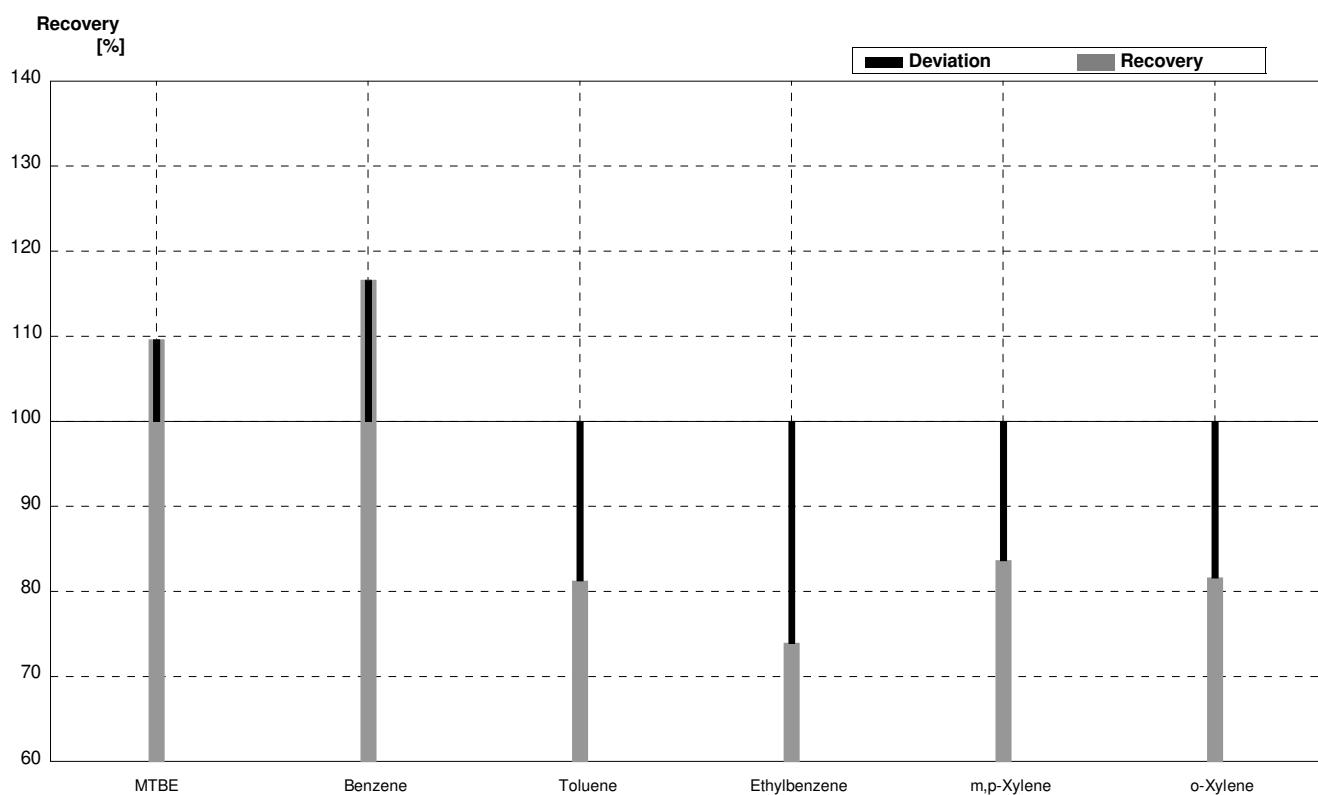
Sample B-CB06A**Laboratory D**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,591	0,093	$\mu\text{g/L}$	114%
Benzene	<0,4		<0,020		$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,96	0,25	$\mu\text{g/L}$	85%
Ethylbenzene	2,70	0,14	2,22	0,37	$\mu\text{g/L}$	82%
m,p-Xylene	0,84	0,04	0,667	0,131	$\mu\text{g/L}$	79%
o-Xylene	1,88	0,09	1,59	0,28	$\mu\text{g/L}$	85%



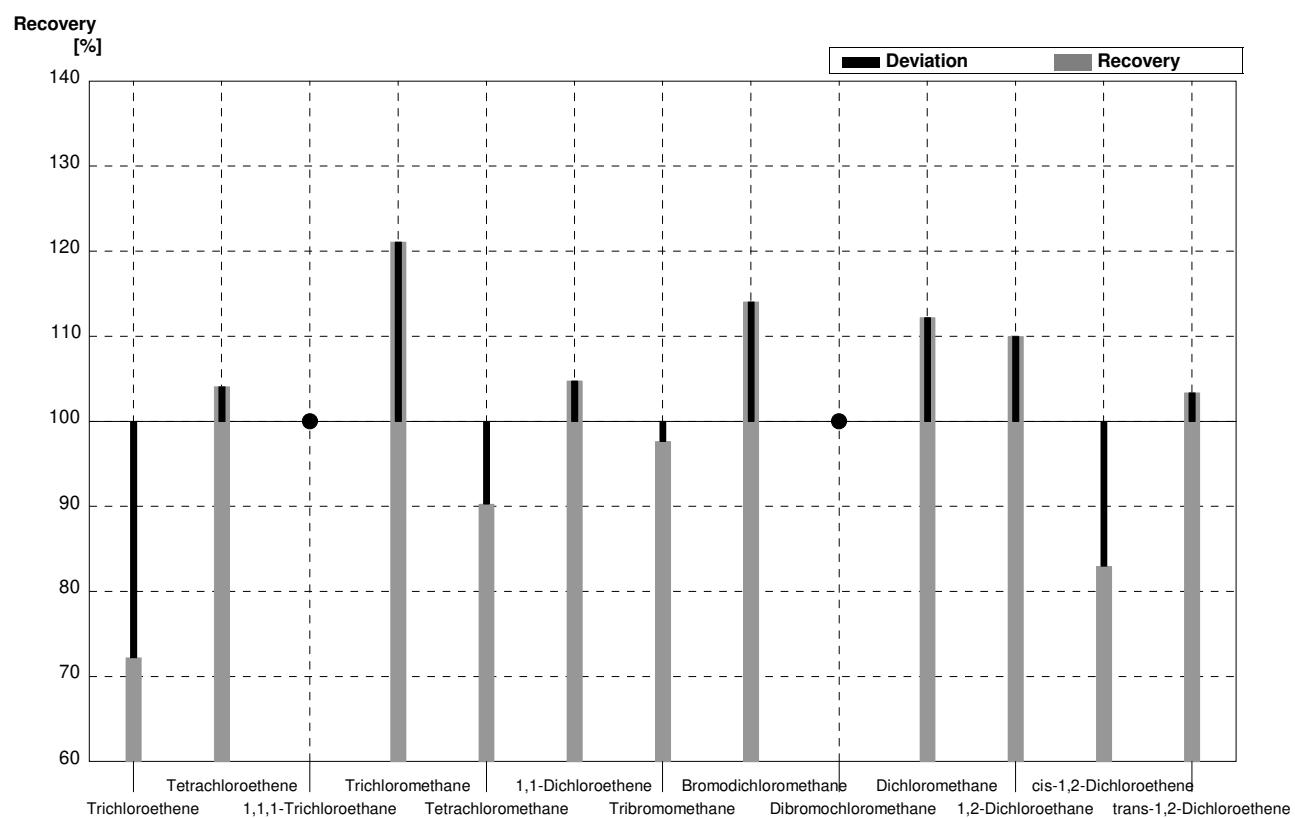
Sample B-CB06B**Laboratory D**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,97	0,47	$\mu\text{g/L}$	110%
Benzene	0,56	0,03	0,653	0,107	$\mu\text{g/L}$	117%
Toluene	1,76	0,09	1,43	0,18	$\mu\text{g/L}$	81%
Ethylbenzene	1,42	0,07	1,05	0,17	$\mu\text{g/L}$	74%
m,p-Xylene	6,48	0,32	5,42	1,06	$\mu\text{g/L}$	84%
o-Xylene	3,86	0,19	3,15	0,55	$\mu\text{g/L}$	82%



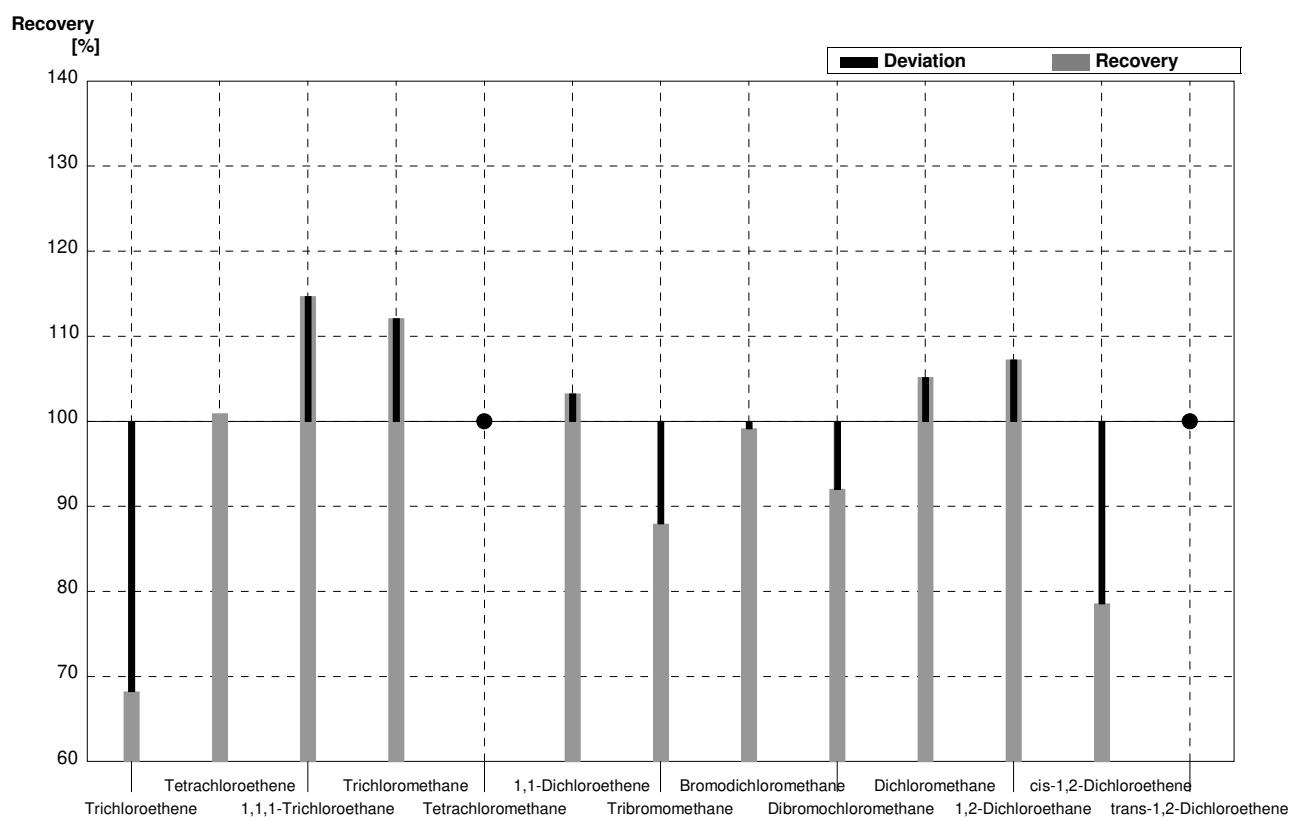
Sample C-CB06A**Laboratory D**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,04	0,24	$\mu\text{g/l}$	72%
Tetrachloroethene	0,27	0,01	0,281	0,090	$\mu\text{g/l}$	104%
1,1,1-Trichloroethane	<0,08		<0,020		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,79	0,96	$\mu\text{g/l}$	121%
Tetrachloromethane	1,04	0,05	0,939	0,176	$\mu\text{g/l}$	90%
1,1-Dichloroethene	1,47	0,07	1,54	0,39	$\mu\text{g/l}$	105%
Tribromomethane	0,86	0,04	0,840	0,182	$\mu\text{g/l}$	98%
Bromodichloromethane	1,78	0,09	2,03	0,51	$\mu\text{g/l}$	114%
Dibromochloromethane	<0,1		<0,020		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,94	0,74	$\mu\text{g/l}$	112%
1,2-Dichloroethane	1,40	0,07	1,54	0,36	$\mu\text{g/l}$	110%
cis-1,2-Dichloroethene	1,47	0,07	1,22	0,21	$\mu\text{g/l}$	83%
trans-1,2-Dichloroethene	2,38	0,12	2,46	0,55	$\mu\text{g/l}$	103%



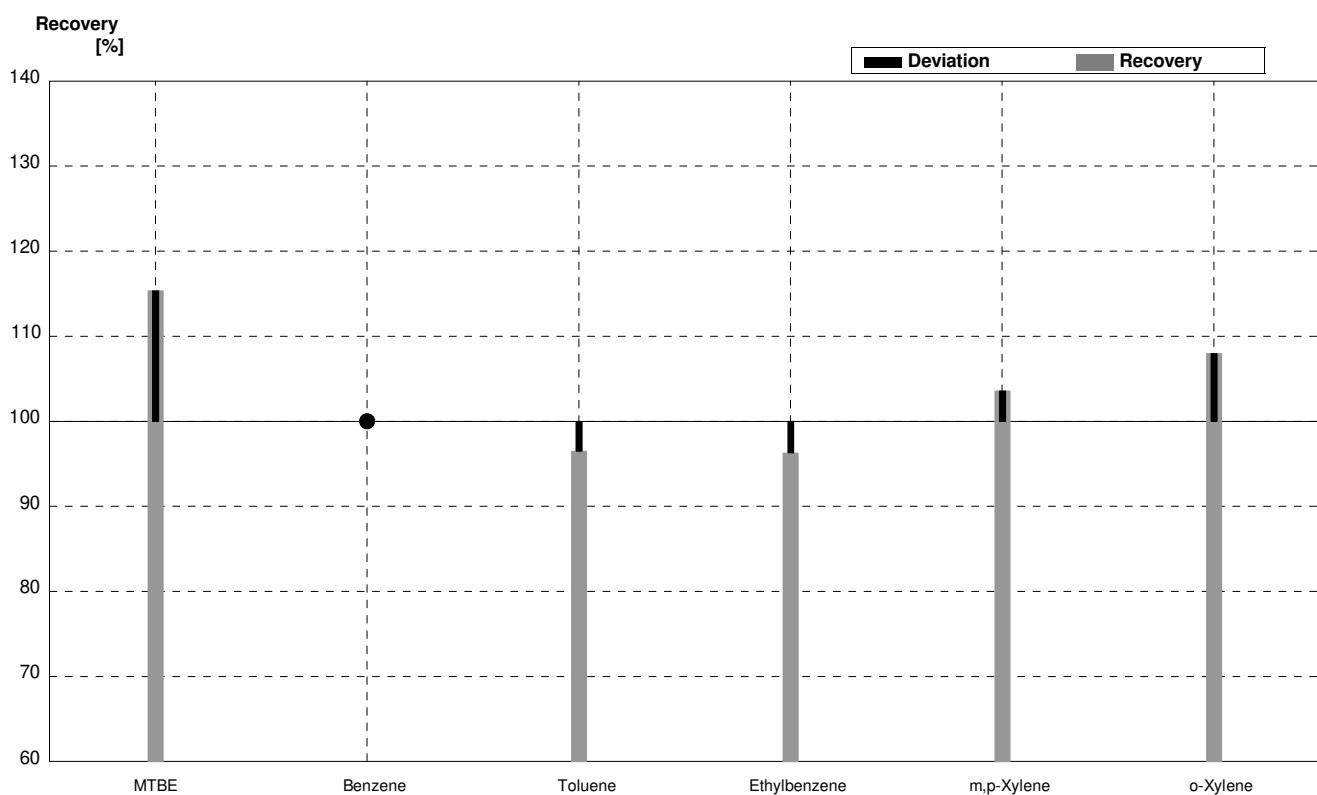
Sample C-CB06B**Laboratory D**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	1,74	0,40	$\mu\text{g/l}$	68%
Tetrachloroethene	2,19	0,11	2,21	0,71	$\mu\text{g/l}$	101%
1,1,1-Trichloroethane	0,17	0,01	0,195	0,041	$\mu\text{g/l}$	115%
Trichloromethane	1,57	0,08	1,76	0,45	$\mu\text{g/l}$	112%
Tetrachloromethane	<0,06		<0,020		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,79	0,95	$\mu\text{g/l}$	103%
Tribromomethane	1,66	0,08	1,46	0,32	$\mu\text{g/l}$	88%
Bromodichloromethane	0,58	0,03	0,575	0,144	$\mu\text{g/l}$	99%
Dibromochloromethane	0,44	0,02	0,405	0,103	$\mu\text{g/l}$	92%
Dichloromethane	6,20	0,31	6,52	1,63	$\mu\text{g/l}$	105%
1,2-Dichloroethane	0,47	0,02	0,504	0,119	$\mu\text{g/l}$	107%
cis-1,2-Dichloroethene	2,89	0,14	2,27	0,38	$\mu\text{g/l}$	79%
trans-1,2-Dichloroethene	<0,04		0,036	0,008	$\mu\text{g/l}$	•



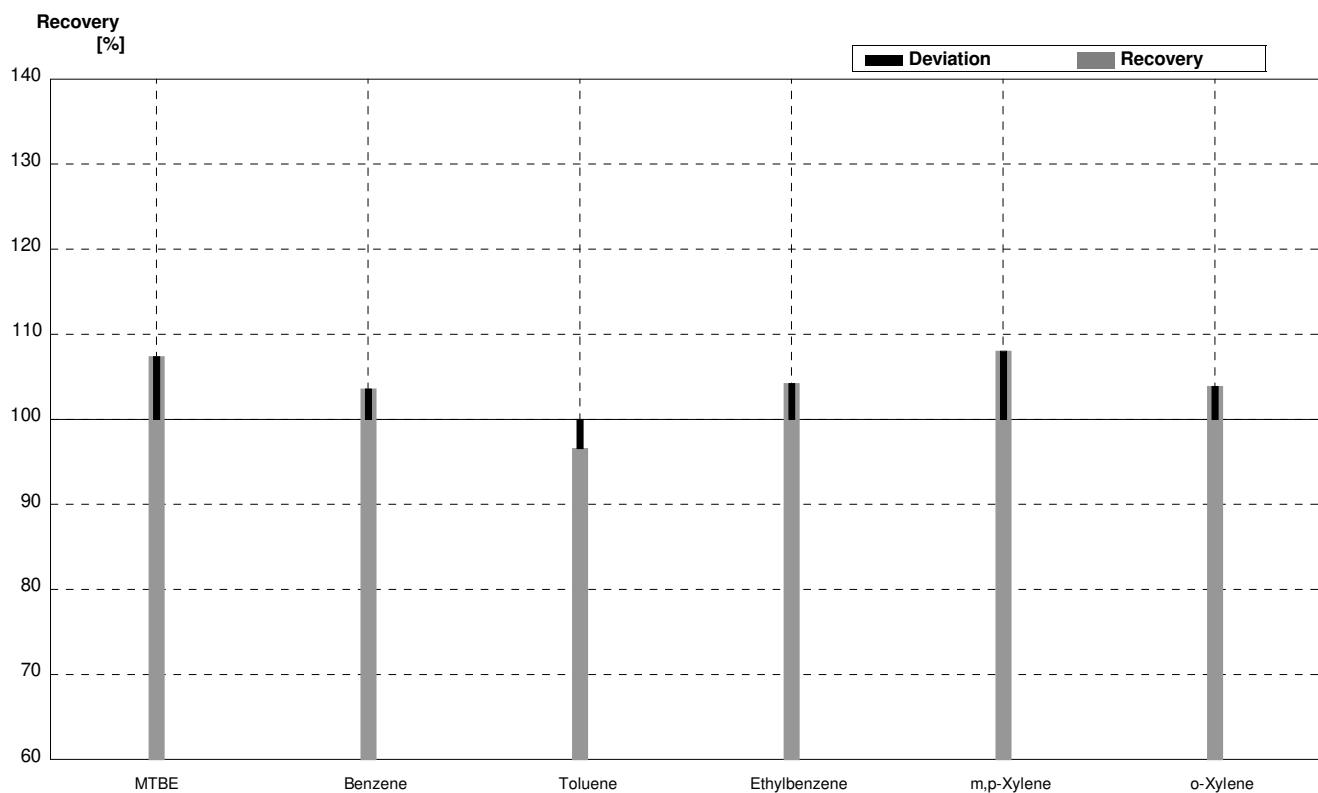
Sample B-CB06A**Laboratory E**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,60	0,07	$\mu\text{g/L}$	115%
Benzene	<0,4		<0,05		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,22	0,43	$\mu\text{g/L}$	97%
Ethylbenzene	2,70	0,14	2,60	0,50	$\mu\text{g/L}$	96%
m,p-Xylene	0,84	0,04	0,87	0,17	$\mu\text{g/L}$	104%
o-Xylene	1,88	0,09	2,03	0,39	$\mu\text{g/L}$	108%



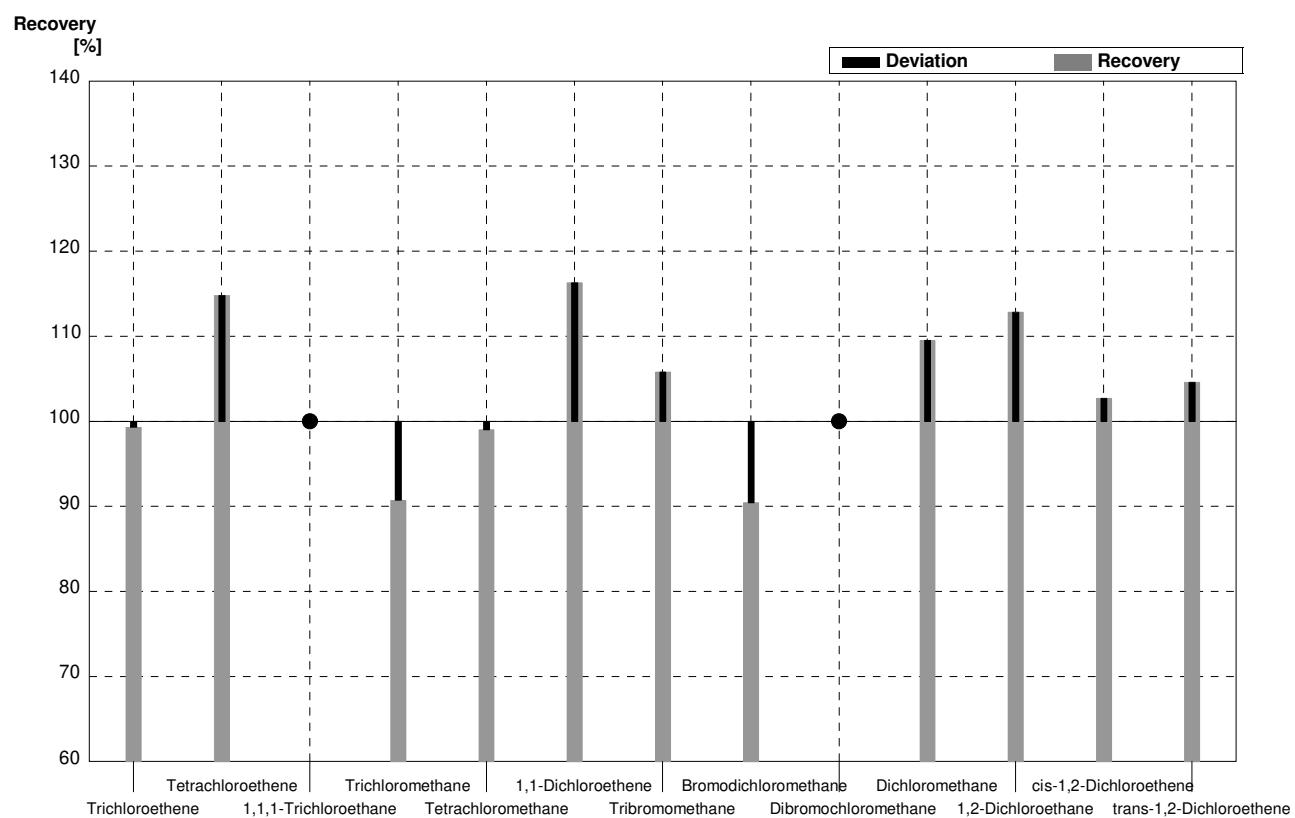
Sample B-CB06B**Laboratory E**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,91	0,34	$\mu\text{g/L}$	107%
Benzene	0,56	0,03	0,58	0,11	$\mu\text{g/L}$	104%
Toluene	1,76	0,09	1,70	0,33	$\mu\text{g/L}$	97%
Ethylbenzene	1,42	0,07	1,48	0,29	$\mu\text{g/L}$	104%
m,p-Xylene	6,48	0,32	7,00	1,36	$\mu\text{g/L}$	108%
o-Xylene	3,86	0,19	4,01	0,78	$\mu\text{g/L}$	104%



Sample C-CB06A**Laboratory E**

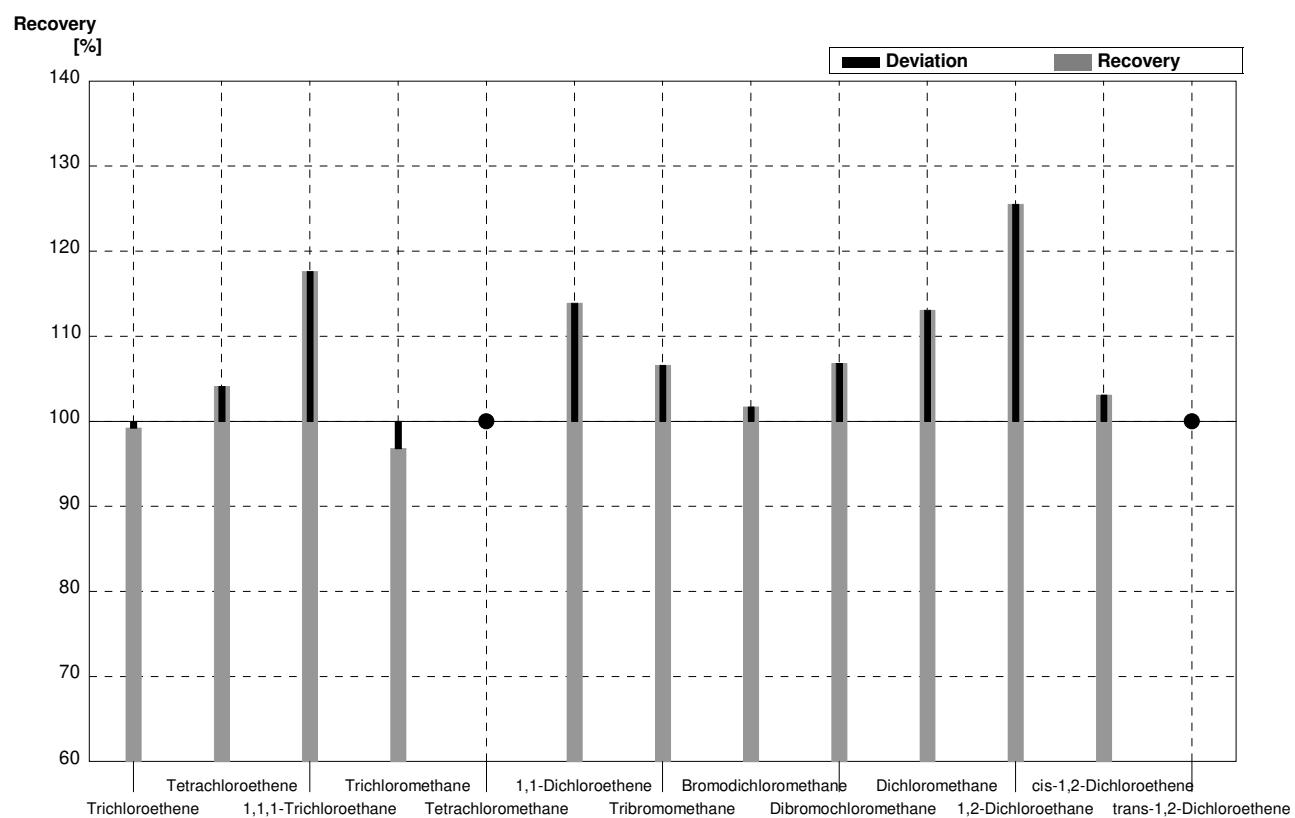
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,43	0,15	$\mu\text{g/l}$	99%
Tetrachloroethene	0,27	0,01	0,31	0,04	$\mu\text{g/l}$	115%
1,1,1-Trichloroethane	<0,08		<0,05		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,84	0,38	$\mu\text{g/l}$	91%
Tetrachloromethane	1,04	0,05	1,03	0,14	$\mu\text{g/l}$	99%
1,1-Dichloroethene	1,47	0,07	1,71	0,23	$\mu\text{g/l}$	116%
Tribromomethane	0,86	0,04	0,91	0,12	$\mu\text{g/l}$	106%
Bromodichloromethane	1,78	0,09	1,61	0,22	$\mu\text{g/l}$	90%
Dibromochloromethane	<0,1		<0,05		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,87	0,32	$\mu\text{g/l}$	110%
1,2-Dichloroethane	1,40	0,07	1,58	0,22	$\mu\text{g/l}$	113%
cis-1,2-Dichloroethene	1,47	0,07	1,51	0,20	$\mu\text{g/l}$	103%
trans-1,2-Dichloroethene	2,38	0,12	2,49	0,34	$\mu\text{g/l}$	105%



Sample C-CB06B

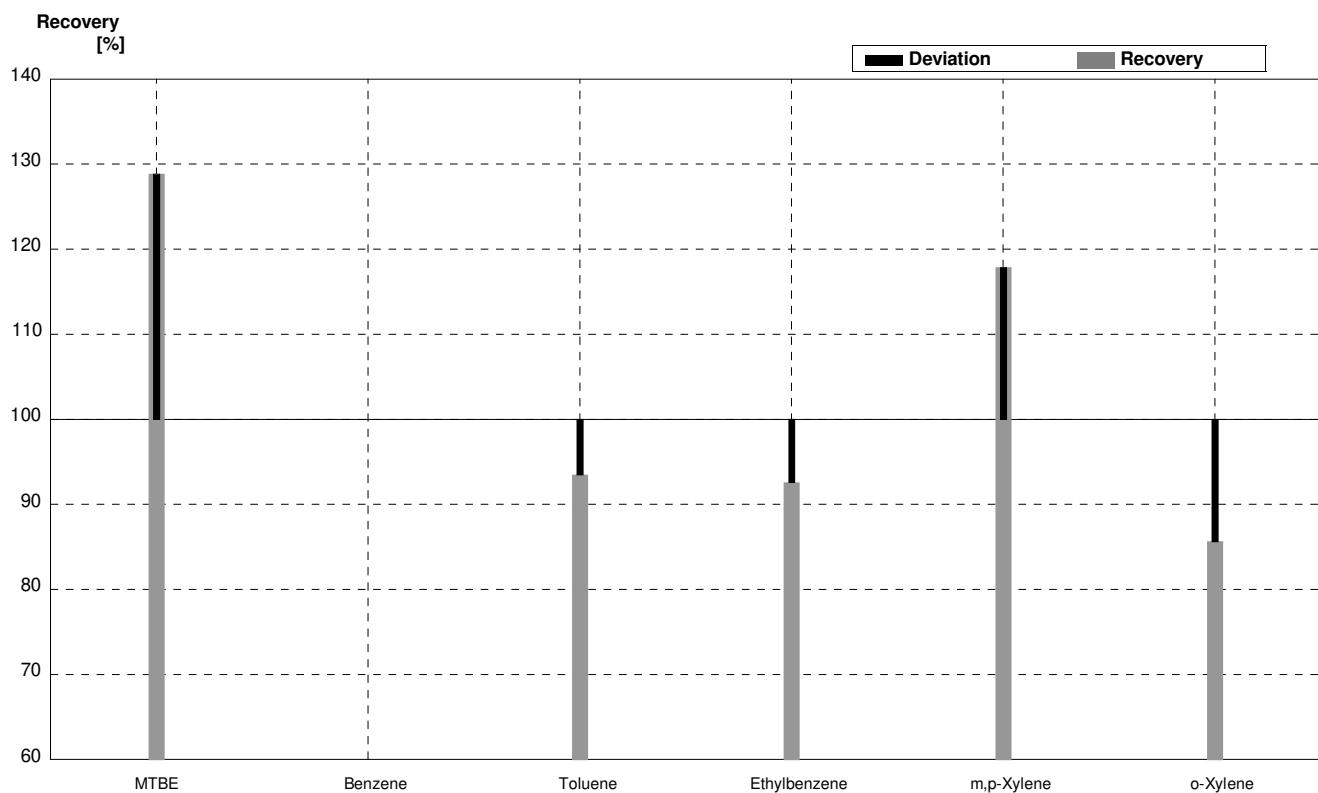
Laboratory E

Parameter	Target value	\pm U ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,53	0,26	$\mu\text{g/l}$	99%
Tetrachloroethene	2,19	0,11	2,28	0,31	$\mu\text{g/l}$	104%
1,1,1-Trichloroethane	0,17	0,01	0,20	0,03	$\mu\text{g/l}$	118%
Trichloromethane	1,57	0,08	1,52	0,20	$\mu\text{g/l}$	97%
Tetrachloromethane	<0,06		<0,05		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,18	0,57	$\mu\text{g/l}$	114%
Tribromomethane	1,66	0,08	1,77	0,24	$\mu\text{g/l}$	107%
Bromodichloromethane	0,58	0,03	0,59	0,08	$\mu\text{g/l}$	102%
Dibromochloromethane	0,44	0,02	0,47	0,05	$\mu\text{g/l}$	107%
Dichloromethane	6,20	0,31	7,01	0,77	$\mu\text{g/l}$	113%
1,2-Dichloroethane	0,47	0,02	0,59	0,08	$\mu\text{g/l}$	126%
cis-1,2-Dichloroethene	2,89	0,14	2,98	0,40	$\mu\text{g/l}$	103%
trans-1,2-Dichloroethene	<0,04		<0,05		$\mu\text{g/l}$	•



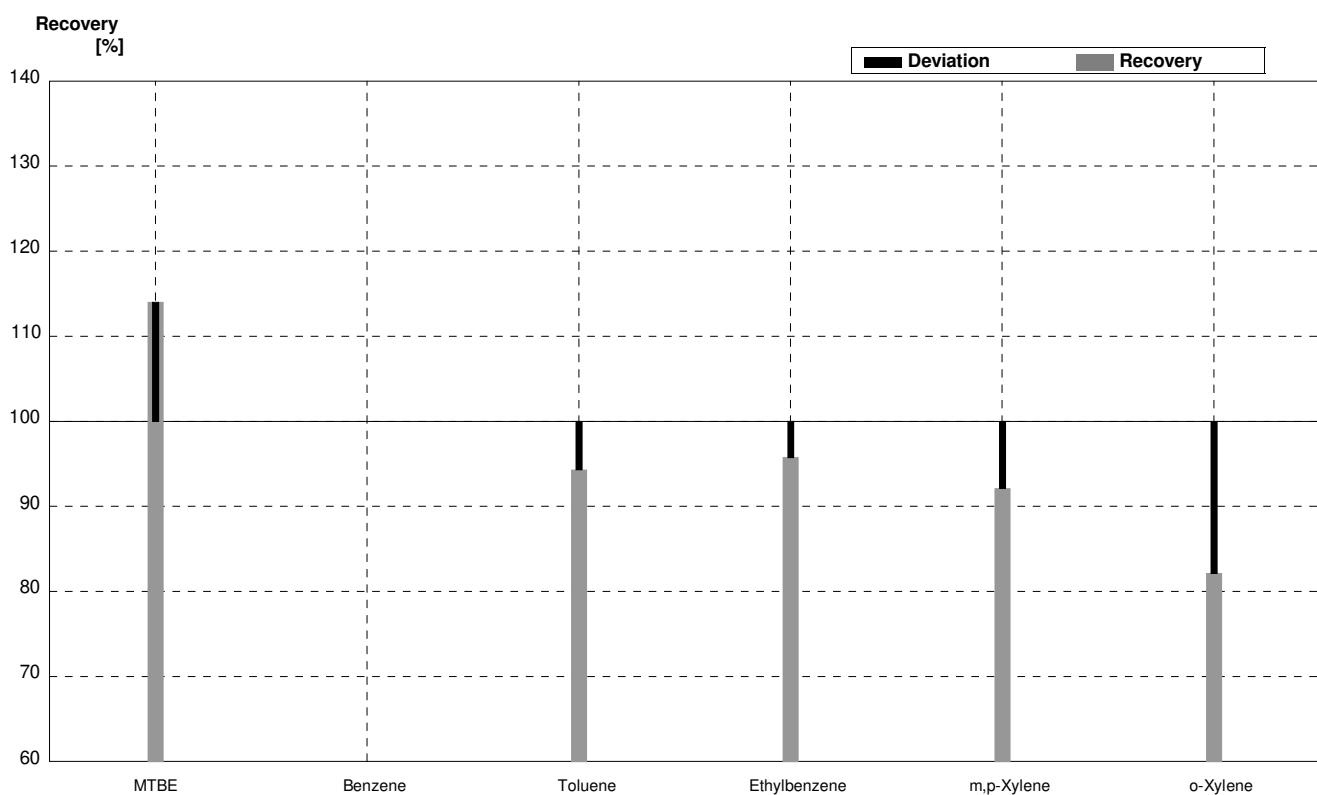
Sample B-CB06A**Laboratory F**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,67	0,13	$\mu\text{g/L}$	129%
Benzene	<0,4				$\mu\text{g/L}$	
Toluene	2,30	0,12	2,15	0,43	$\mu\text{g/L}$	93%
Ethylbenzene	2,70	0,14	2,50	0,5	$\mu\text{g/L}$	93%
m,p-Xylene	0,84	0,04	0,99	0,20	$\mu\text{g/L}$	118%
o-Xylene	1,88	0,09	1,61	0,32	$\mu\text{g/L}$	86%



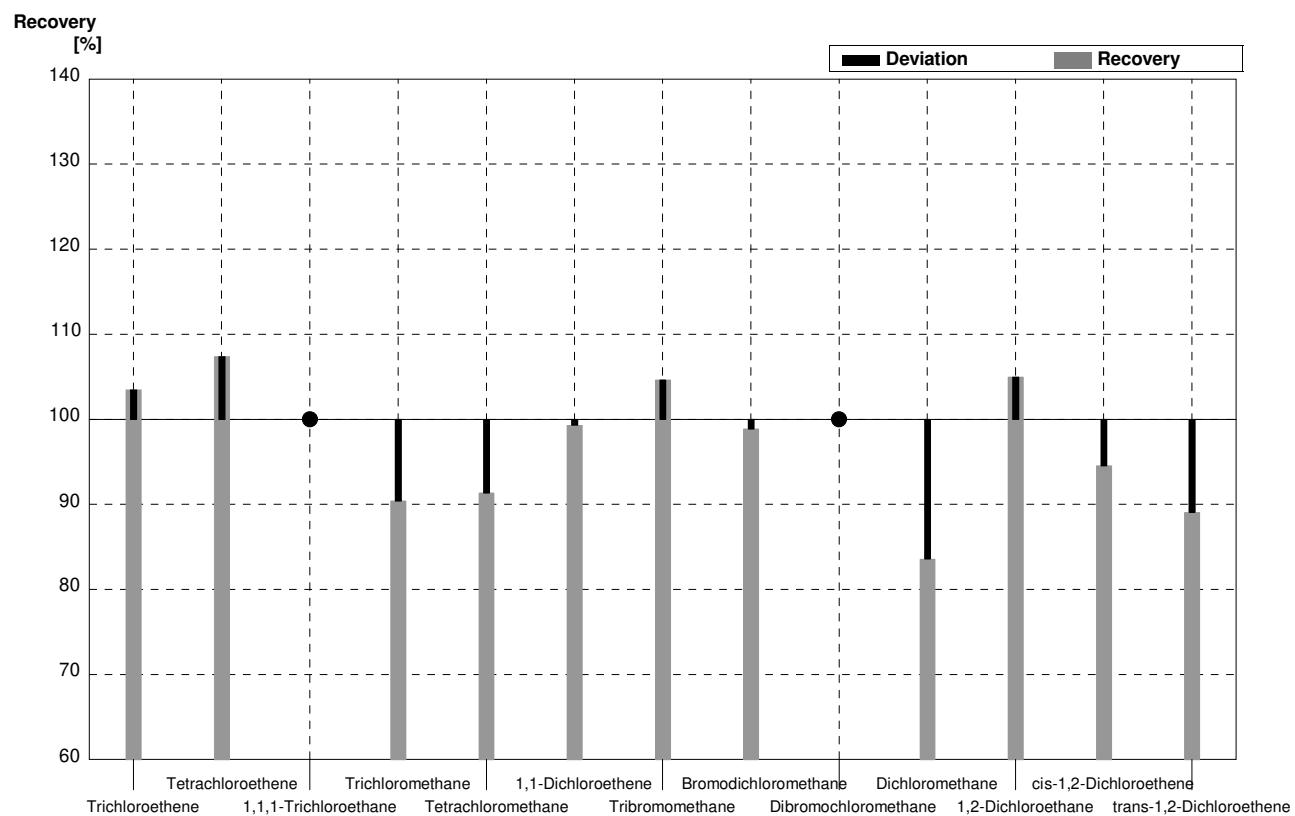
Sample B-CB06B**Laboratory F**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	3,09	0,62	$\mu\text{g/L}$	114%
Benzene	0,56	0,03			$\mu\text{g/L}$	
Toluene	1,76	0,09	1,66	0,33	$\mu\text{g/L}$	94%
Ethylbenzene	1,42	0,07	1,36	0,27	$\mu\text{g/L}$	96%
m,p-Xylene	6,48	0,32	5,97	1,19	$\mu\text{g/L}$	92%
o-Xylene	3,86	0,19	3,17	0,63	$\mu\text{g/L}$	82%



Sample C-CB06A**Laboratory F**

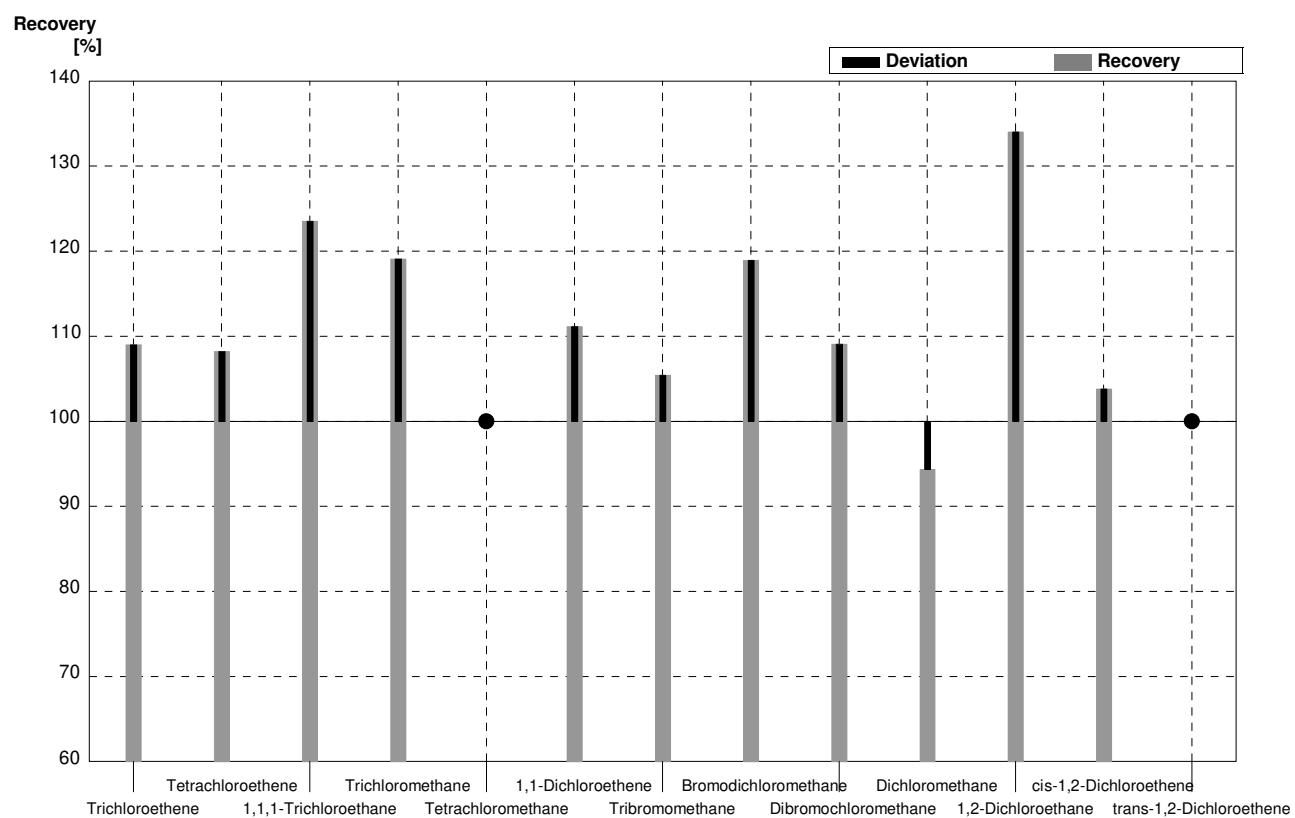
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,49	0,30	$\mu\text{g/l}$	103%
Tetrachloroethene	0,27	0,01	0,29	0,06	$\mu\text{g/l}$	107%
1,1,1-Trichloroethane	<0,08		<0,06		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,83	0,57	$\mu\text{g/l}$	90%
Tetrachloromethane	1,04	0,05	0,95	0,19	$\mu\text{g/l}$	91%
1,1-Dichloroethene	1,47	0,07	1,46	0,29	$\mu\text{g/l}$	99%
Tribromomethane	0,86	0,04	0,90	0,18	$\mu\text{g/l}$	105%
Bromodichloromethane	1,78	0,09	1,76	0,35	$\mu\text{g/l}$	99%
Dibromochloromethane	<0,1		<0,03		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,19	0,44	$\mu\text{g/l}$	84%
1,2-Dichloroethane	1,40	0,07	1,47	0,29	$\mu\text{g/l}$	105%
cis-1,2-Dichloroethene	1,47	0,07	1,39	0,28	$\mu\text{g/l}$	95%
trans-1,2-Dichloroethene	2,38	0,12	2,12	0,42	$\mu\text{g/l}$	89%



Sample C-CB06B

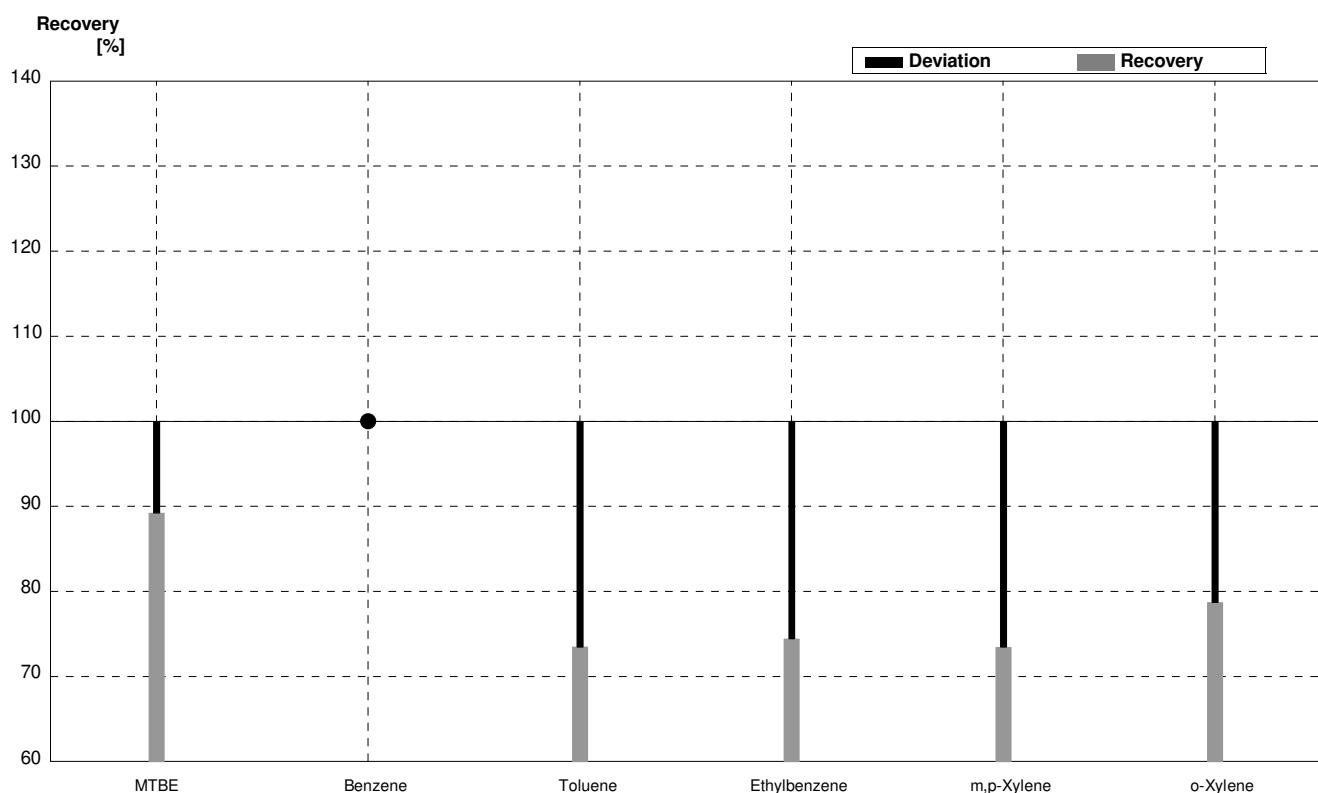
Laboratory F

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,78	0,56	$\mu\text{g/l}$	109%
Tetrachloroethene	2,19	0,11	2,37	0,47	$\mu\text{g/l}$	108%
1,1,1-Trichloroethane	0,17	0,01	0,21	0,04	$\mu\text{g/l}$	124%
Trichloromethane	1,57	0,08	1,87	0,37	$\mu\text{g/l}$	119%
Tetrachloromethane	<0,06		<0,04		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,08	0,82	$\mu\text{g/l}$	111%
Tribromomethane	1,66	0,08	1,75	0,35	$\mu\text{g/l}$	105%
Bromodichloromethane	0,58	0,03	0,69	0,14	$\mu\text{g/l}$	119%
Dibromochloromethane	0,44	0,02	0,48	0,09	$\mu\text{g/l}$	109%
Dichloromethane	6,20	0,31	5,85	1,17	$\mu\text{g/l}$	94%
1,2-Dichloroethane	0,47	0,02	0,63	0,13	$\mu\text{g/l}$	134%
cis-1,2-Dichloroethene	2,89	0,14	3,00	0,60	$\mu\text{g/l}$	104%
trans-1,2-Dichloroethene	<0,04		<0,10		$\mu\text{g/l}$	•



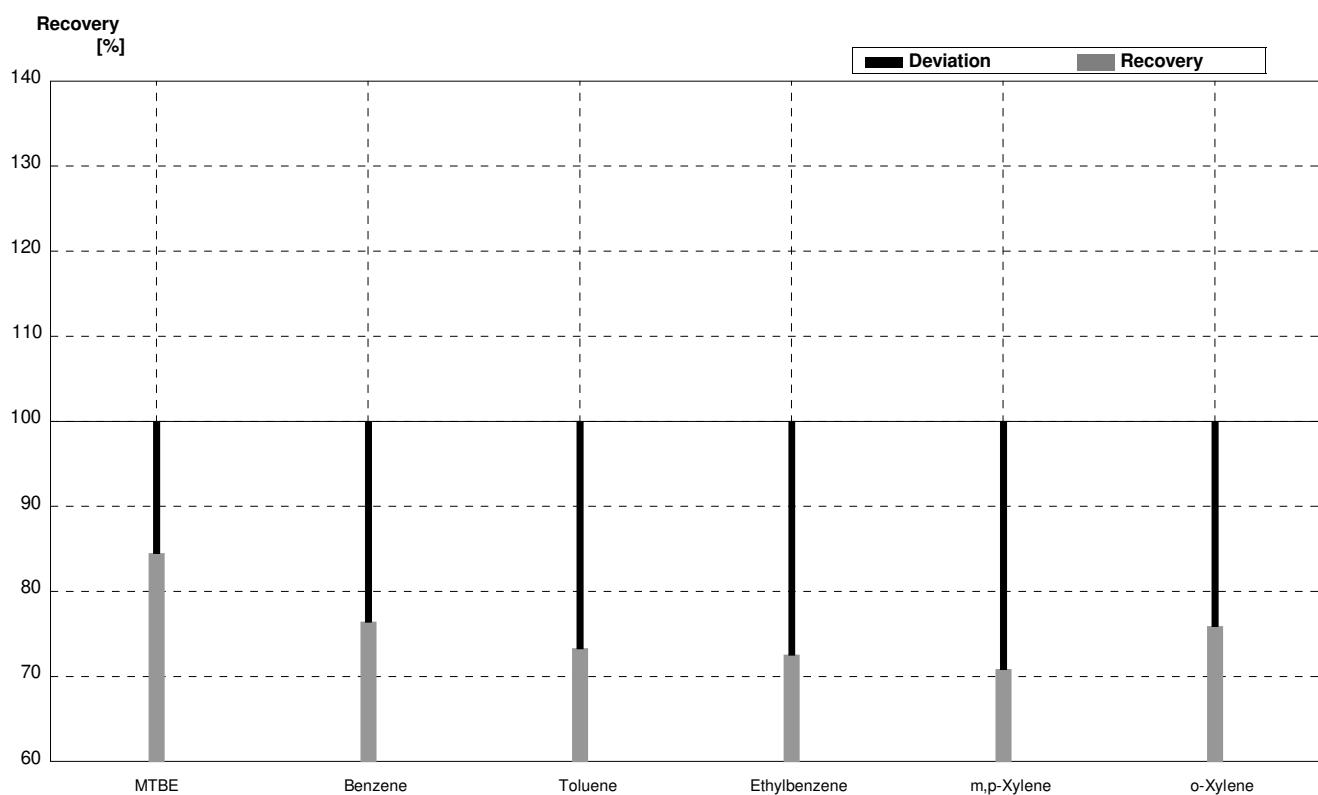
Sample B-CB06A
Laboratory G

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,464	0,139	$\mu\text{g/L}$	89%
Benzene	<0,4		<0,100	0,030	$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,69	0,506	$\mu\text{g/L}$	73%
Ethylbenzene	2,70	0,14	2,01	0,602	$\mu\text{g/L}$	74%
m,p-Xylene	0,84	0,04	0,617	0,185	$\mu\text{g/L}$	73%
o-Xylene	1,88	0,09	1,48	0,445	$\mu\text{g/L}$	79%



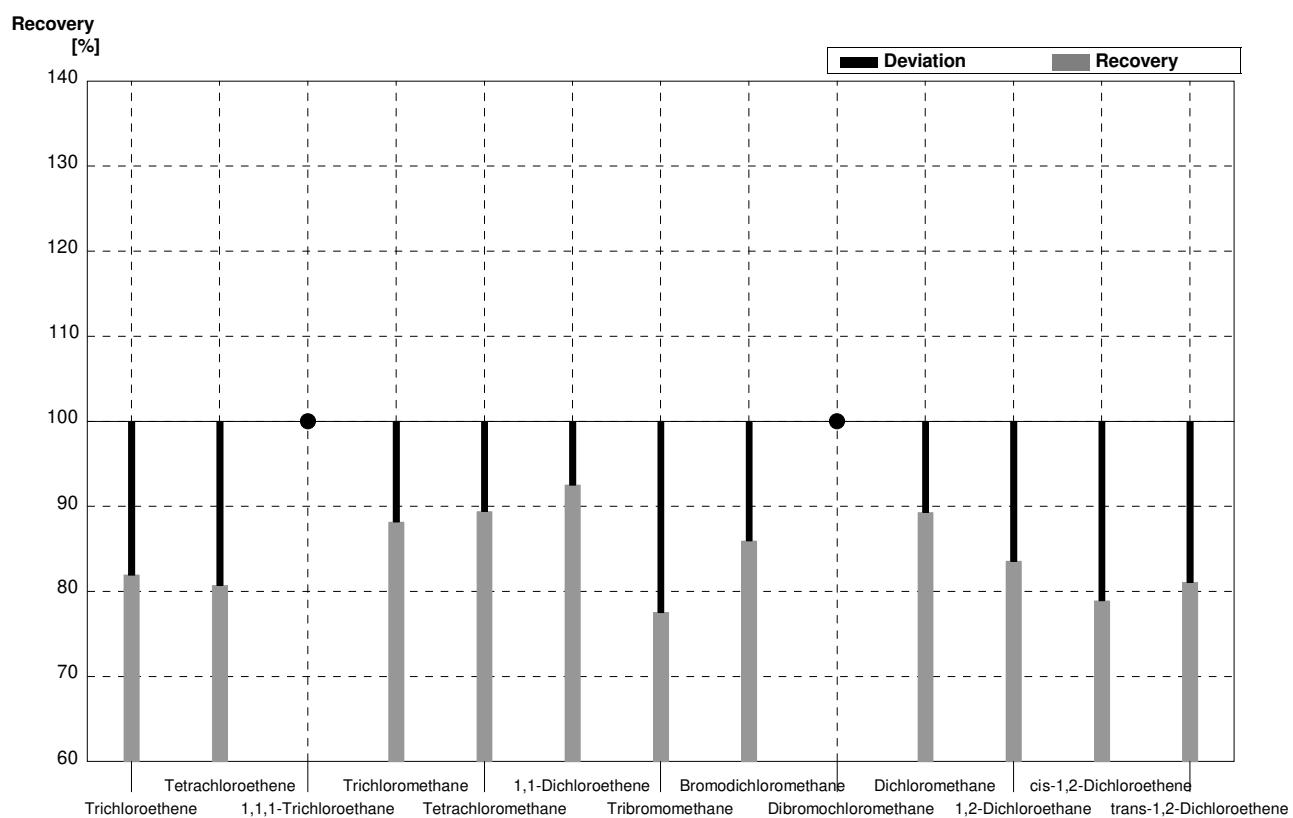
Sample B-CB06B**Laboratory G**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,29	0,687	$\mu\text{g/L}$	85%
Benzene	0,56	0,03	0,428	0,129	$\mu\text{g/L}$	76%
Toluene	1,76	0,09	1,29	0,387	$\mu\text{g/L}$	73%
Ethylbenzene	1,42	0,07	1,03	0,309	$\mu\text{g/L}$	73%
m,p-Xylene	6,48	0,32	4,59	1,38	$\mu\text{g/L}$	71%
o-Xylene	3,86	0,19	2,93	0,880	$\mu\text{g/L}$	76%



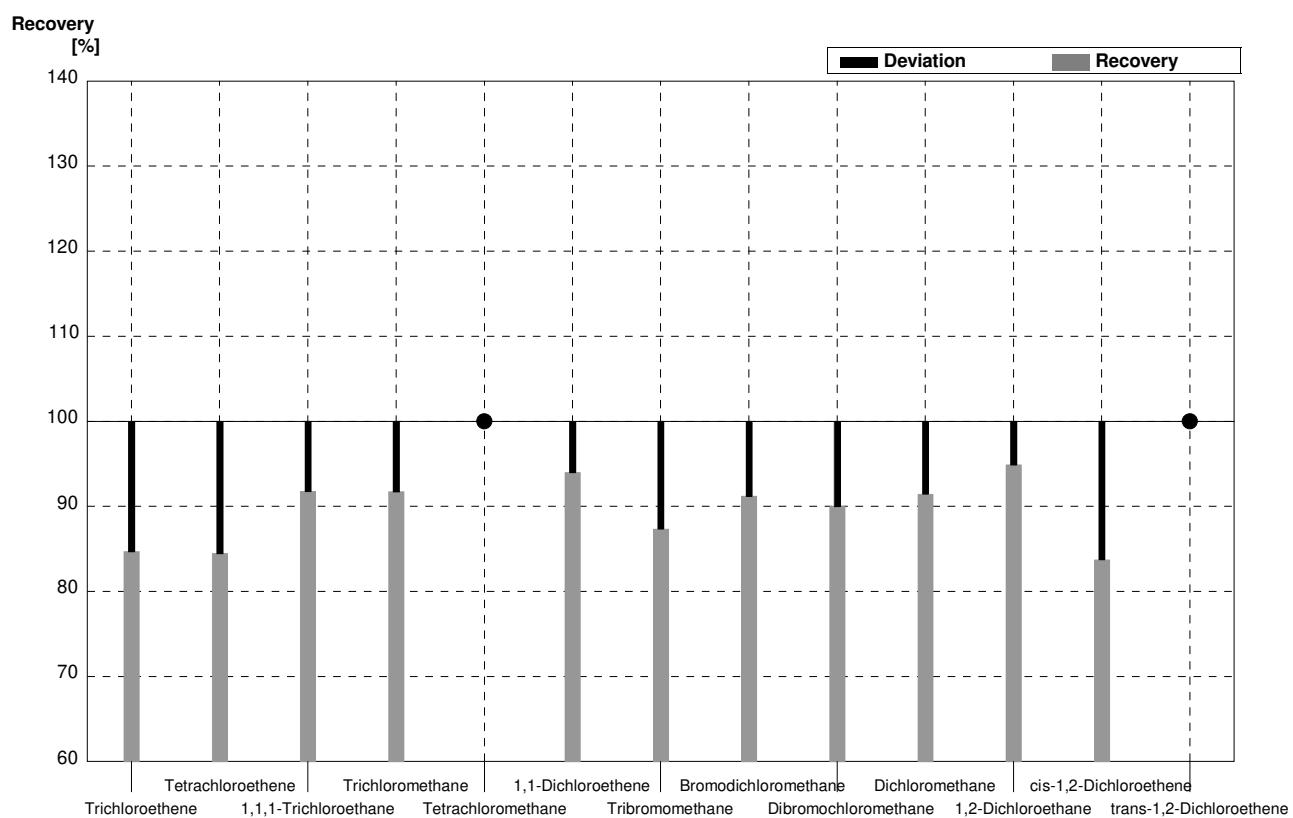
Sample C-CB06A**Laboratory G**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,18	0,354	$\mu\text{g/l}$	82%
Tetrachloroethene	0,27	0,01	0,218	0,065	$\mu\text{g/l}$	81%
1,1,1-Trichloroethane	<0,08		<0,100	0,030	$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,76	0,829	$\mu\text{g/l}$	88%
Tetrachloromethane	1,04	0,05	0,930	0,279	$\mu\text{g/l}$	89%
1,1-Dichloroethene	1,47	0,07	1,36	0,408	$\mu\text{g/l}$	93%
Tribromomethane	0,86	0,04	0,667	0,200	$\mu\text{g/l}$	78%
Bromodichloromethane	1,78	0,09	1,53	0,459	$\mu\text{g/l}$	86%
Dibromochloromethane	<0,1		<0,100	0,030	$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,34	0,702	$\mu\text{g/l}$	89%
1,2-Dichloroethane	1,40	0,07	1,17	0,351	$\mu\text{g/l}$	84%
cis-1,2-Dichloroethene	1,47	0,07	1,16	0,348	$\mu\text{g/l}$	79%
trans-1,2-Dichloroethene	2,38	0,12	1,93	0,580	$\mu\text{g/l}$	81%



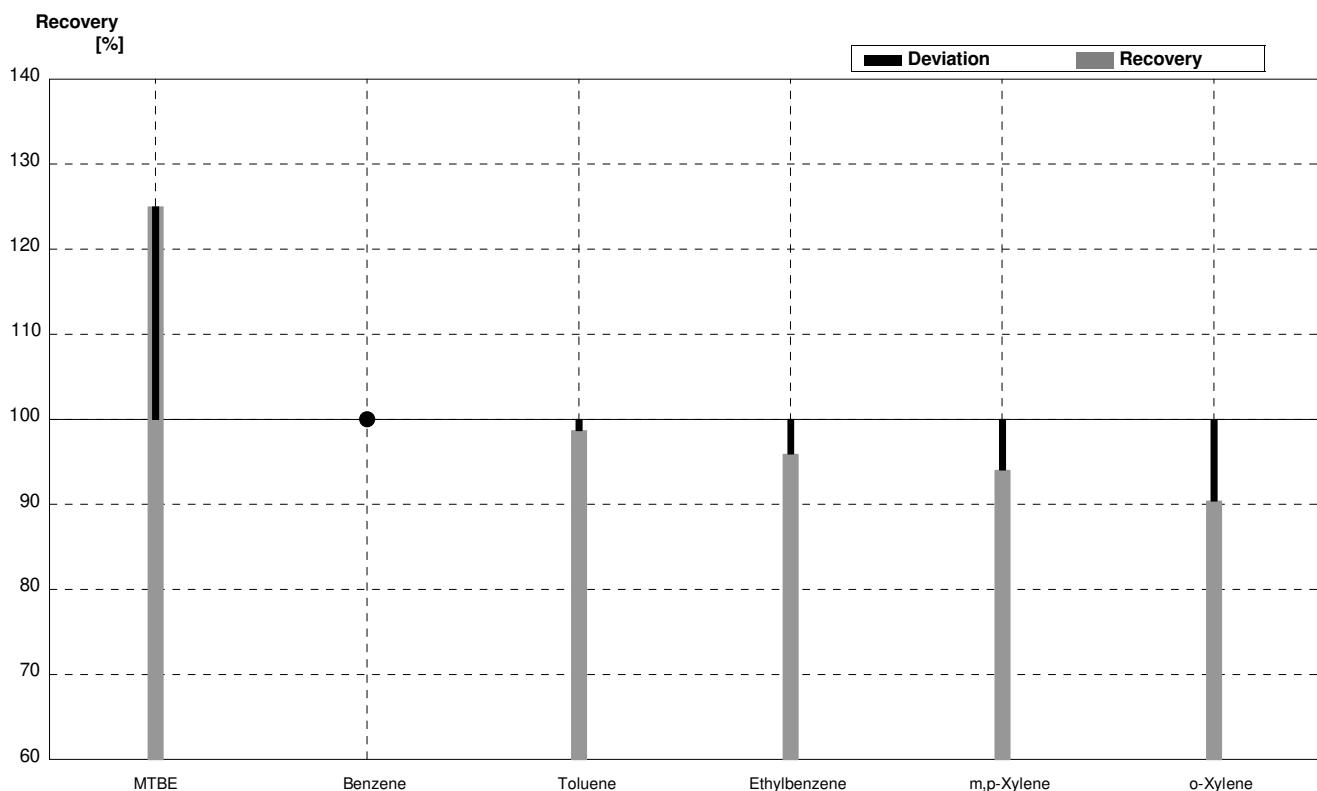
Sample C-CB06B**Laboratory G**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,16	0,648	$\mu\text{g/l}$	85%
Tetrachloroethene	2,19	0,11	1,85	0,555	$\mu\text{g/l}$	84%
1,1,1-Trichloroethane	0,17	0,01	0,156	0,047	$\mu\text{g/l}$	92%
Trichloromethane	1,57	0,08	1,44	0,433	$\mu\text{g/l}$	92%
Tetrachloromethane	<0,06		<0,100	0,030	$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,45	1,03	$\mu\text{g/l}$	94%
Tribromomethane	1,66	0,08	1,45	0,436	$\mu\text{g/l}$	87%
Bromodichloromethane	0,58	0,03	0,529	0,159	$\mu\text{g/l}$	91%
Dibromochloromethane	0,44	0,02	0,396	0,119	$\mu\text{g/l}$	90%
Dichloromethane	6,20	0,31	5,67	1,70	$\mu\text{g/l}$	91%
1,2-Dichloroethane	0,47	0,02	0,446	0,134	$\mu\text{g/l}$	95%
cis-1,2-Dichloroethene	2,89	0,14	2,42	0,726	$\mu\text{g/l}$	84%
trans-1,2-Dichloroethene	<0,04		<0,100	0,030	$\mu\text{g/l}$	•



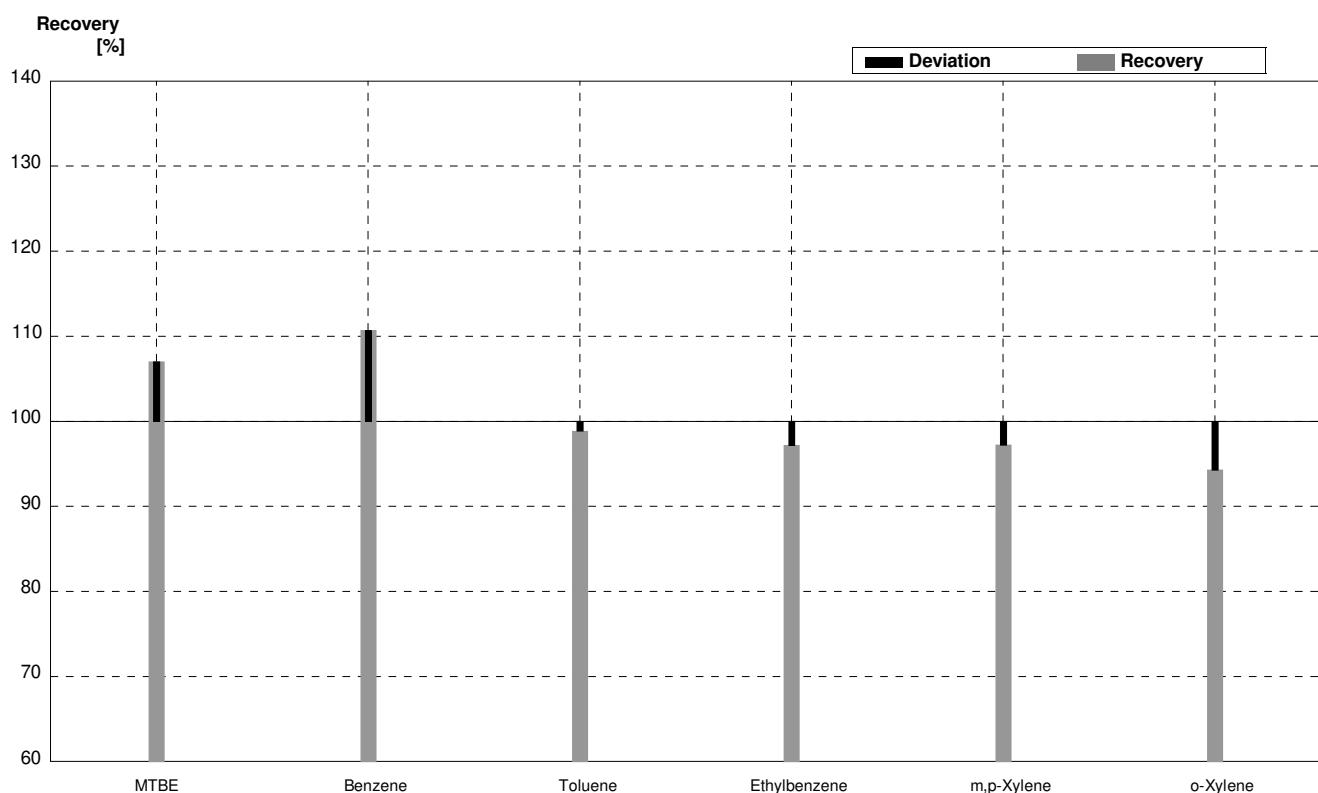
Sample B-CB06A**Laboratory H**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,65	0,17	$\mu\text{g/L}$	125%
Benzene	<0,4		<0,2		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,27	0,39	$\mu\text{g/L}$	99%
Ethylbenzene	2,70	0,14	2,59	0,65	$\mu\text{g/L}$	96%
m,p-Xylene	0,84	0,04	0,79	0,20	$\mu\text{g/L}$	94%
o-Xylene	1,88	0,09	1,70	0,44	$\mu\text{g/L}$	90%



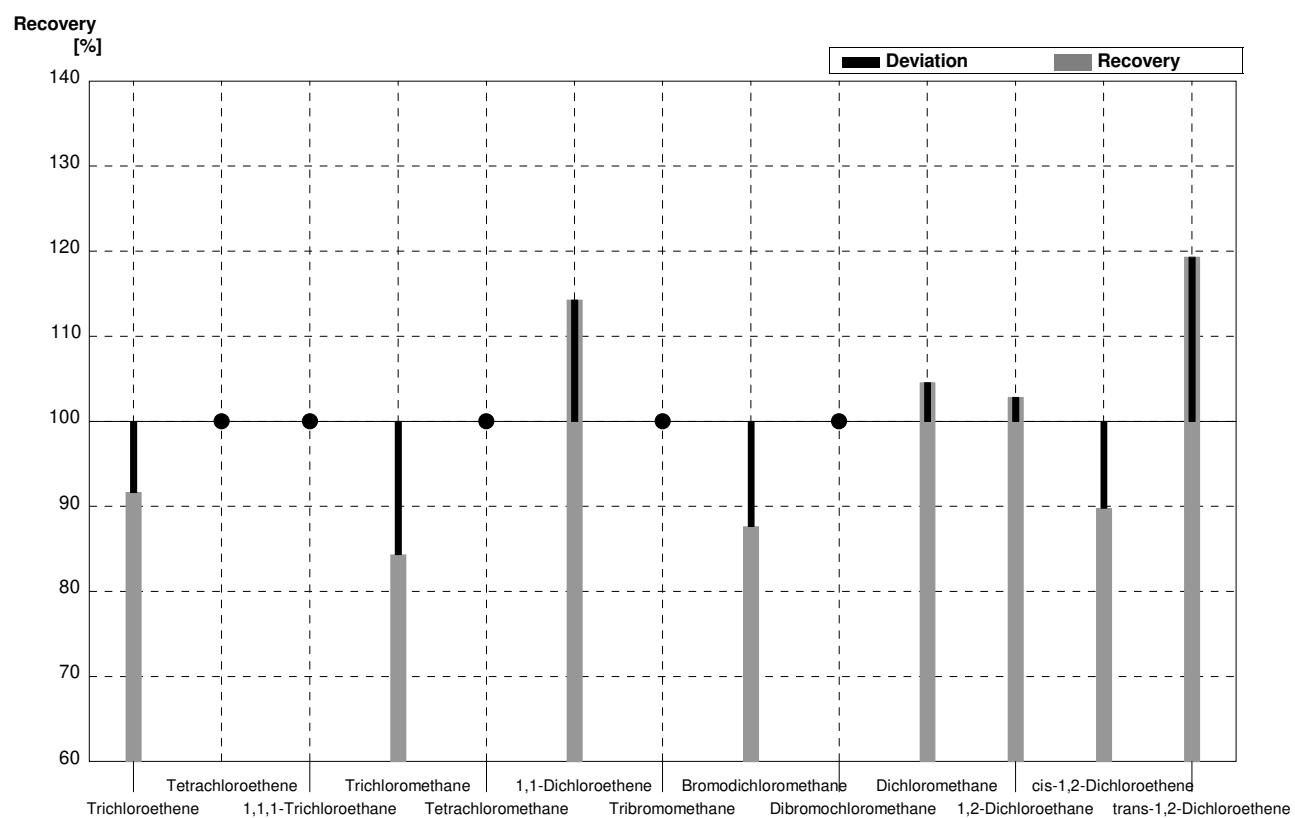
Sample B-CB06B**Laboratory H**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,90	0,75	$\mu\text{g/L}$	107%
Benzene	0,56	0,03	0,62	0,16	$\mu\text{g/L}$	111%
Toluene	1,76	0,09	1,74	0,30	$\mu\text{g/L}$	99%
Ethylbenzene	1,42	0,07	1,38	0,34	$\mu\text{g/L}$	97%
m,p-Xylene	6,48	0,32	6,30	1,57	$\mu\text{g/L}$	97%
o-Xylene	3,86	0,19	3,64	0,95	$\mu\text{g/L}$	94%



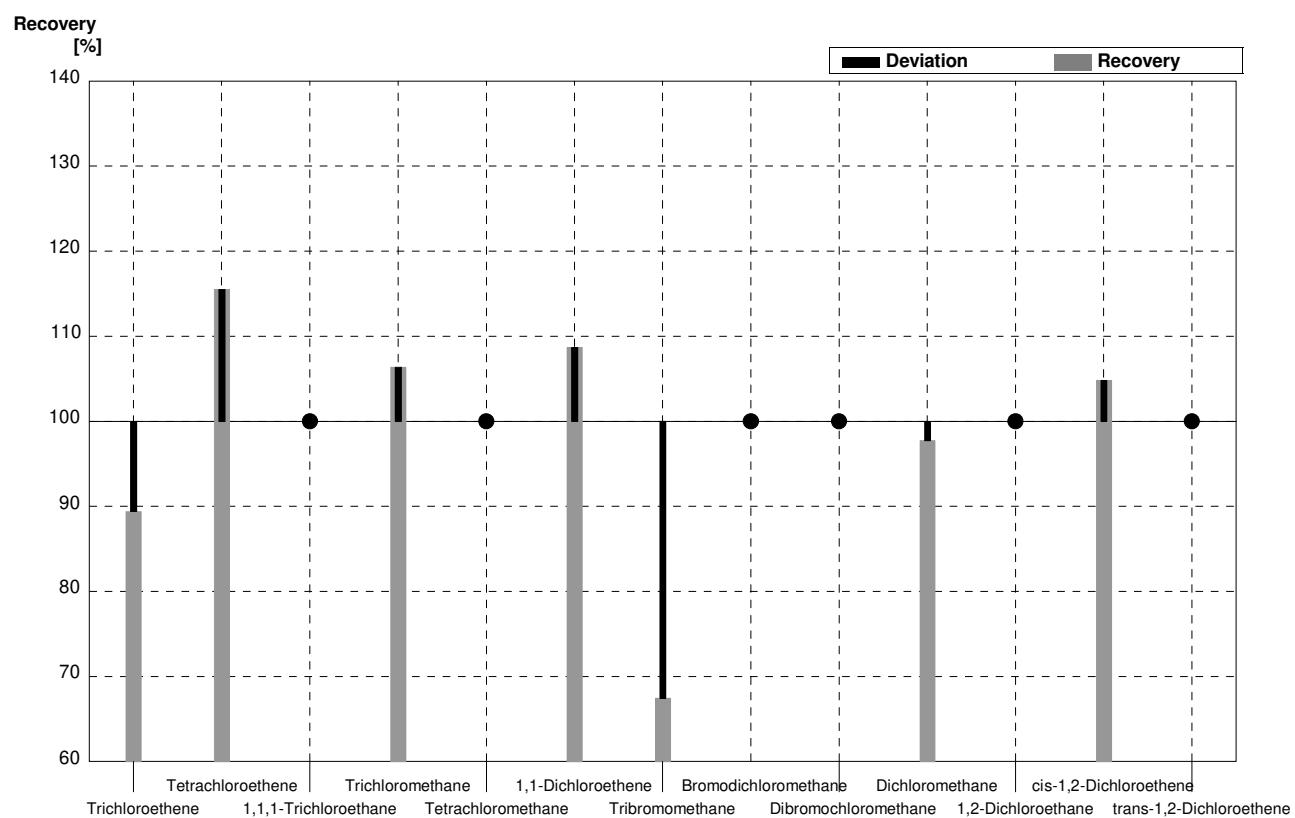
Sample C-CB06A**Laboratory H**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,32	0,38	$\mu\text{g/l}$	92%
Tetrachloroethene	0,27	0,01	<1,0		$\mu\text{g/l}$	•
1,1,1-Trichloroethane	<0,08		<1,0		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,64	0,61	$\mu\text{g/l}$	84%
Tetrachloromethane	1,04	0,05	<1,0		$\mu\text{g/l}$	•
1,1-Dichloroethene	1,47	0,07	1,68	0,51	$\mu\text{g/l}$	114%
Tribromomethane	0,86	0,04	<1,0		$\mu\text{g/l}$	•
Bromodichloromethane	1,78	0,09	1,56	0,39	$\mu\text{g/l}$	88%
Dibromochloromethane	<0,1		<1,0		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,74	0,82	$\mu\text{g/l}$	105%
1,2-Dichloroethane	1,40	0,07	1,44	0,23	$\mu\text{g/l}$	103%
cis-1,2-Dichloroethene	1,47	0,07	1,32	0,40	$\mu\text{g/l}$	90%
trans-1,2-Dichloroethene	2,38	0,12	2,84	0,85	$\mu\text{g/l}$	119%



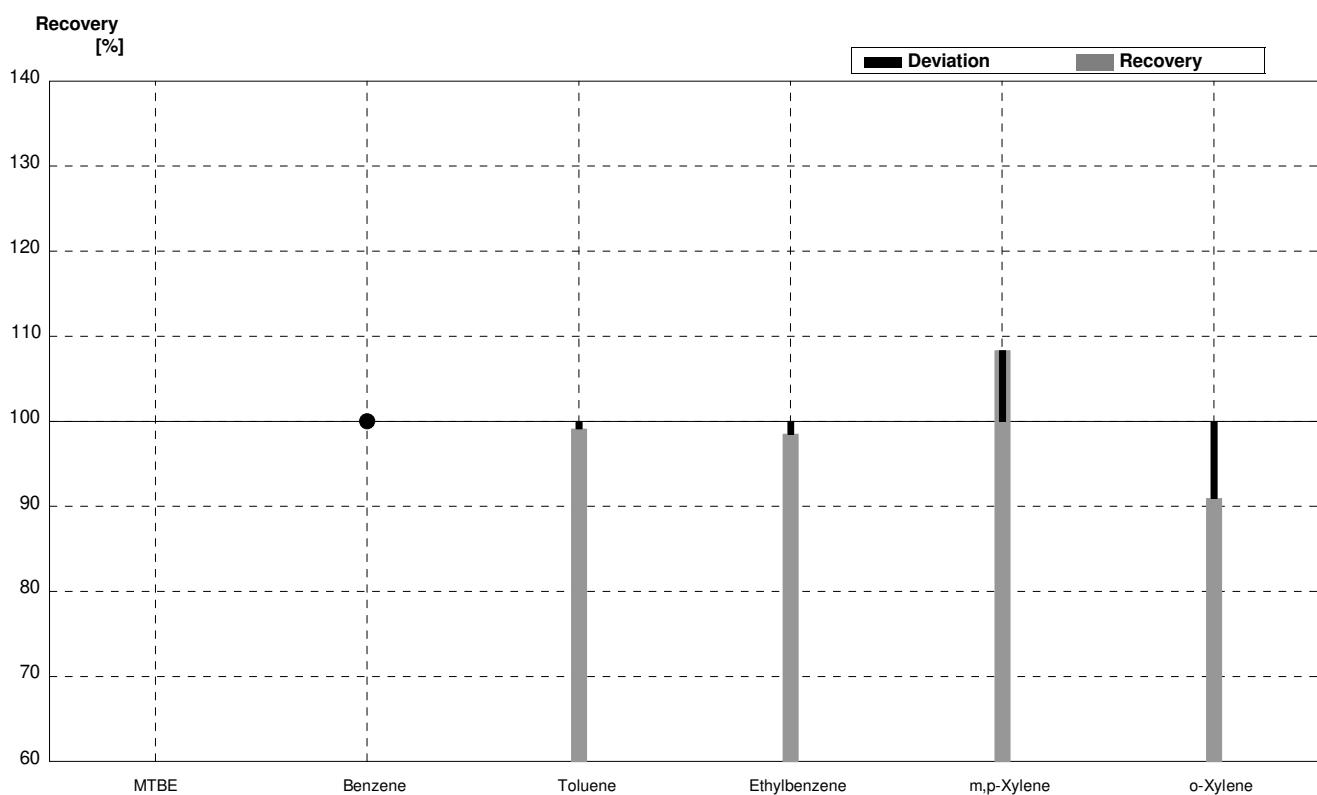
Sample C-CB06B**Laboratory H**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,28	0,66	$\mu\text{g/l}$	89%
Tetrachloroethene	2,19	0,11	2,53	0,63	$\mu\text{g/l}$	116%
1,1,1-Trichloroethane	0,17	0,01	<1,0		$\mu\text{g/l}$	•
Trichloromethane	1,57	0,08	1,67	0,38	$\mu\text{g/l}$	106%
Tetrachloromethane	<0,06		<1,0		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,99	1,20	$\mu\text{g/l}$	109%
Tribromomethane	1,66	0,08	1,12	0,35	$\mu\text{g/l}$	67%
Bromodichloromethane	0,58	0,03	<1,0		$\mu\text{g/l}$	•
Dibromochloromethane	0,44	0,02	<1,0		$\mu\text{g/l}$	•
Dichloromethane	6,20	0,31	6,06	1,82	$\mu\text{g/l}$	98%
1,2-Dichloroethane	0,47	0,02	<1,0		$\mu\text{g/l}$	•
cis-1,2-Dichloroethene	2,89	0,14	3,03	0,91	$\mu\text{g/l}$	105%
trans-1,2-Dichloroethene	<0,04		<1,0		$\mu\text{g/l}$	•



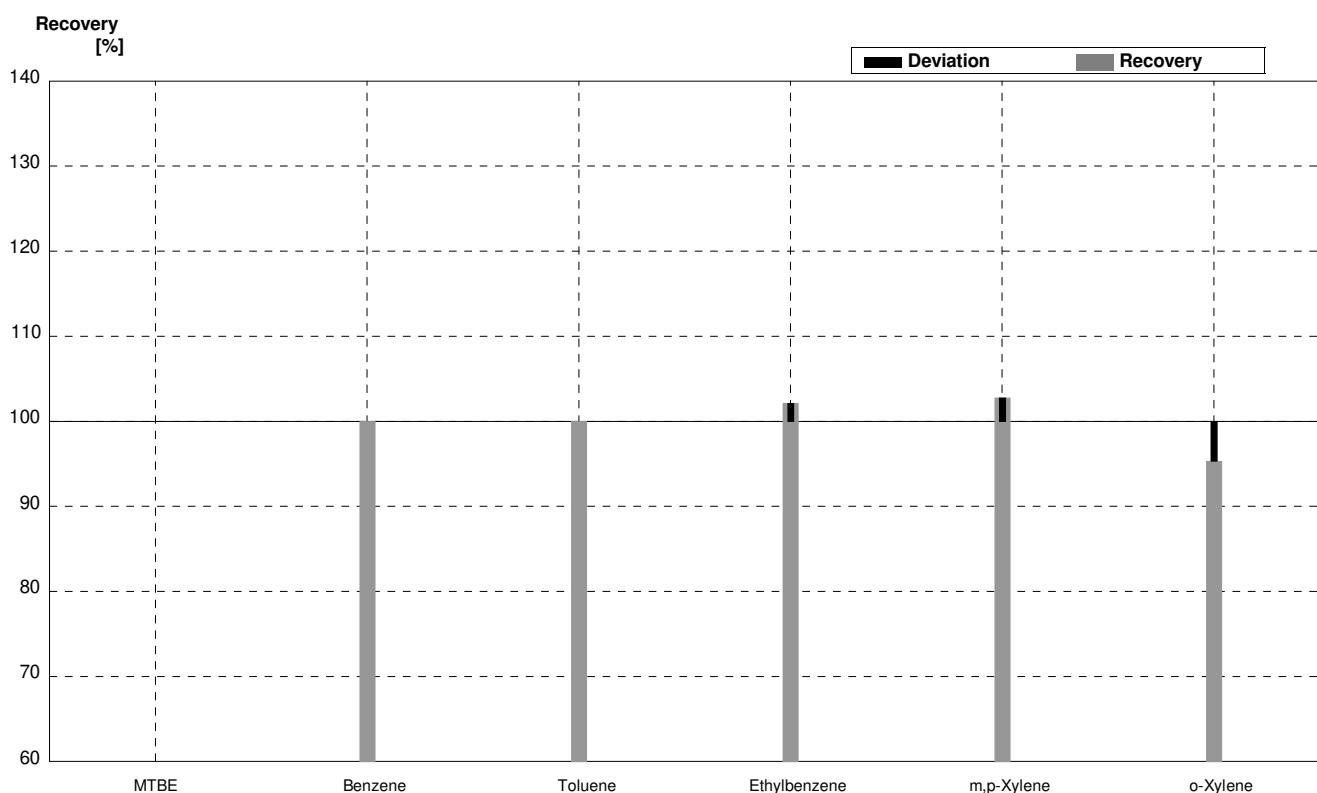
Sample B-CB06A**Laboratory I**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03			$\mu\text{g/L}$	
Benzene	<0,4		<0,4		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,28	0,68	$\mu\text{g/L}$	99%
Ethylbenzene	2,70	0,14	2,66	0,80	$\mu\text{g/L}$	99%
m,p-Xylene	0,84	0,04	0,91	0,27	$\mu\text{g/L}$	108%
o-Xylene	1,88	0,09	1,71	0,51	$\mu\text{g/L}$	91%



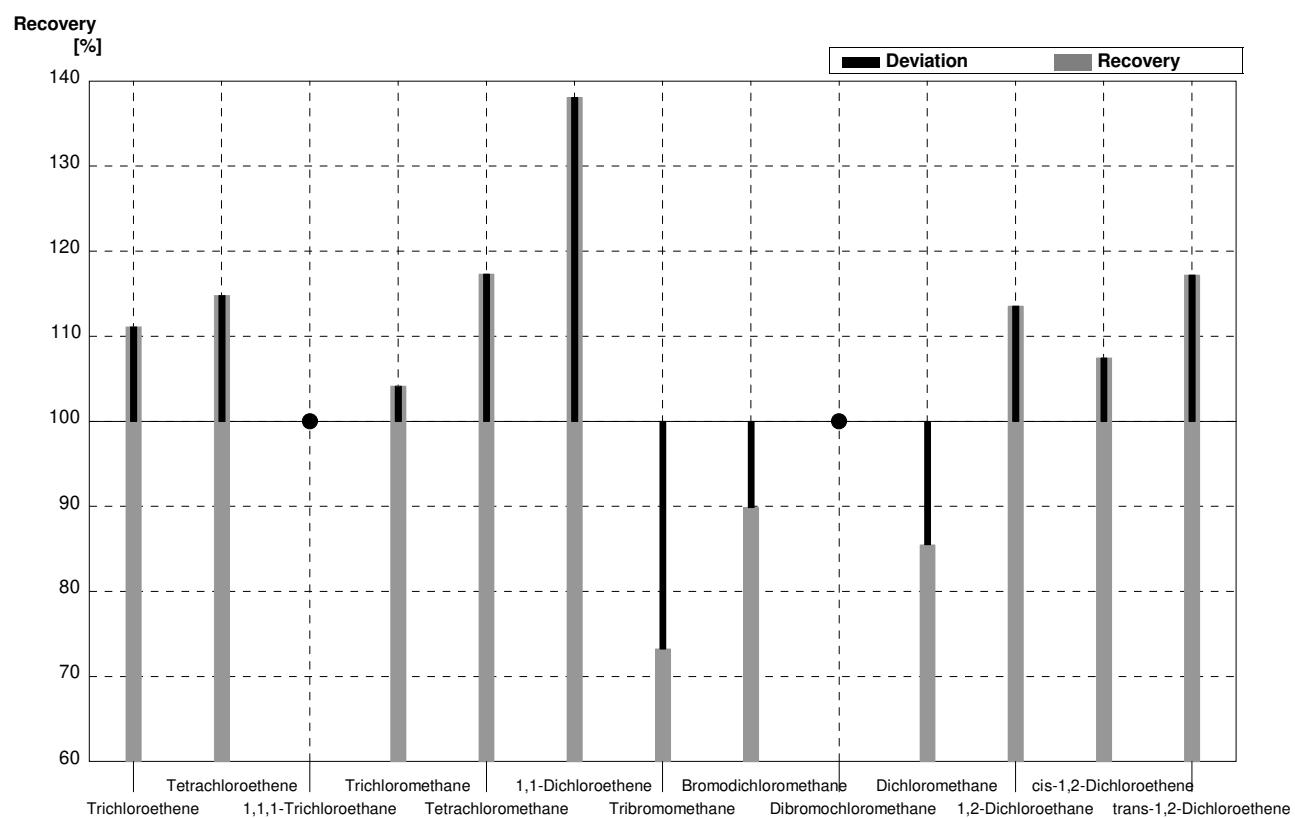
Sample B-CB06B**Laboratory I**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14			$\mu\text{g/L}$	
Benzene	0,56	0,03	0,56	0,17	$\mu\text{g/L}$	100%
Toluene	1,76	0,09	1,76	0,53	$\mu\text{g/L}$	100%
Ethylbenzene	1,42	0,07	1,45	0,44	$\mu\text{g/L}$	102%
m,p-Xylene	6,48	0,32	6,66	2,00	$\mu\text{g/L}$	103%
o-Xylene	3,86	0,19	3,68	1,10	$\mu\text{g/L}$	95%



Sample C-CB06A**Laboratory I**

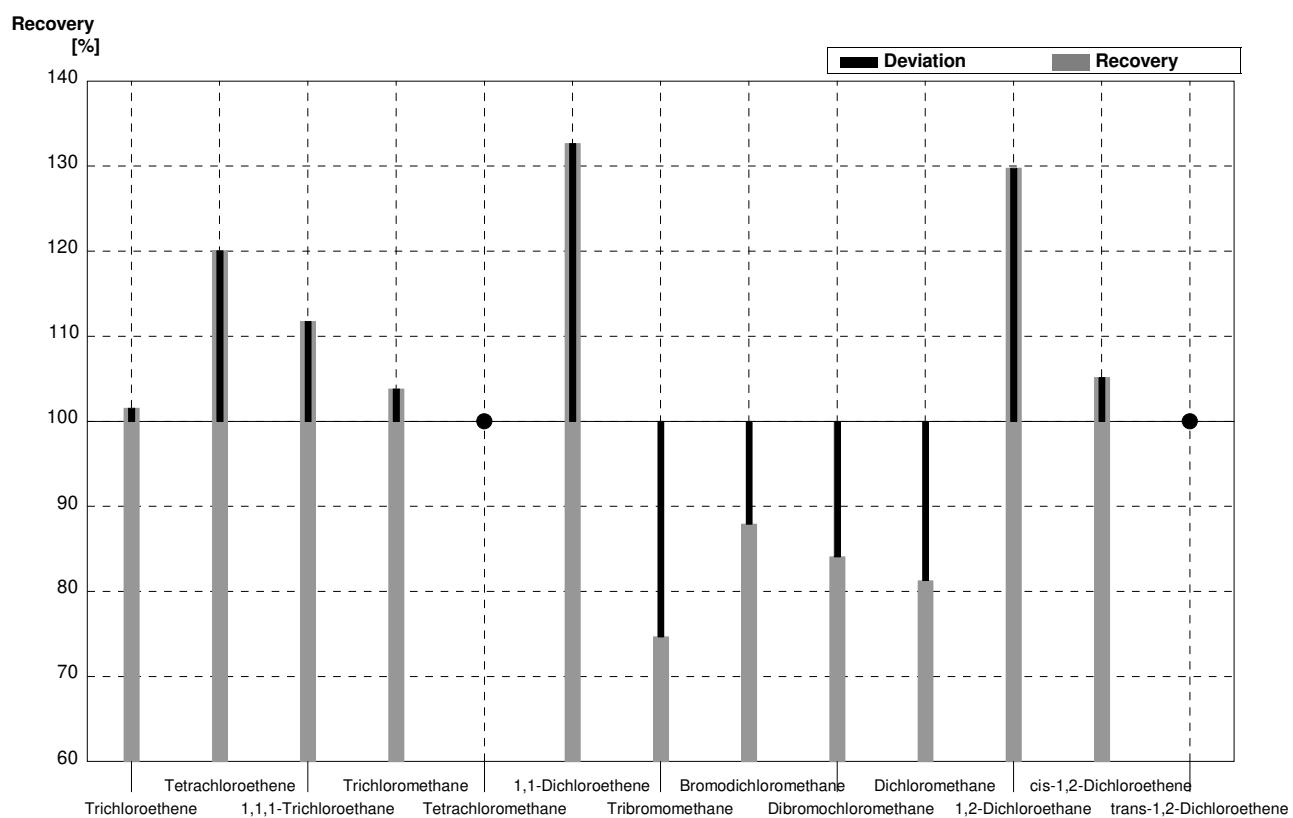
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,60	0,48	$\mu\text{g/l}$	111%
Tetrachloroethene	0,27	0,01	0,31	0,09	$\mu\text{g/l}$	115%
1,1,1-Trichloroethane	<0,08		<0,4		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,26	0,98	$\mu\text{g/l}$	104%
Tetrachloromethane	1,04	0,05	1,22	0,37	$\mu\text{g/l}$	117%
1,1-Dichloroethene	1,47	0,07	2,03	0,61	$\mu\text{g/l}$	138%
Tribromomethane	0,86	0,04	0,63	0,19	$\mu\text{g/l}$	73%
Bromodichloromethane	1,78	0,09	1,60	0,48	$\mu\text{g/l}$	90%
Dibromochloromethane	<0,1		<0,4		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,24	0,67	$\mu\text{g/l}$	85%
1,2-Dichloroethane	1,40	0,07	1,59	0,48	$\mu\text{g/l}$	114%
cis-1,2-Dichloroethene	1,47	0,07	1,58	0,47	$\mu\text{g/l}$	107%
trans-1,2-Dichloroethene	2,38	0,12	2,79	0,84	$\mu\text{g/l}$	117%



Sample C-CB06B

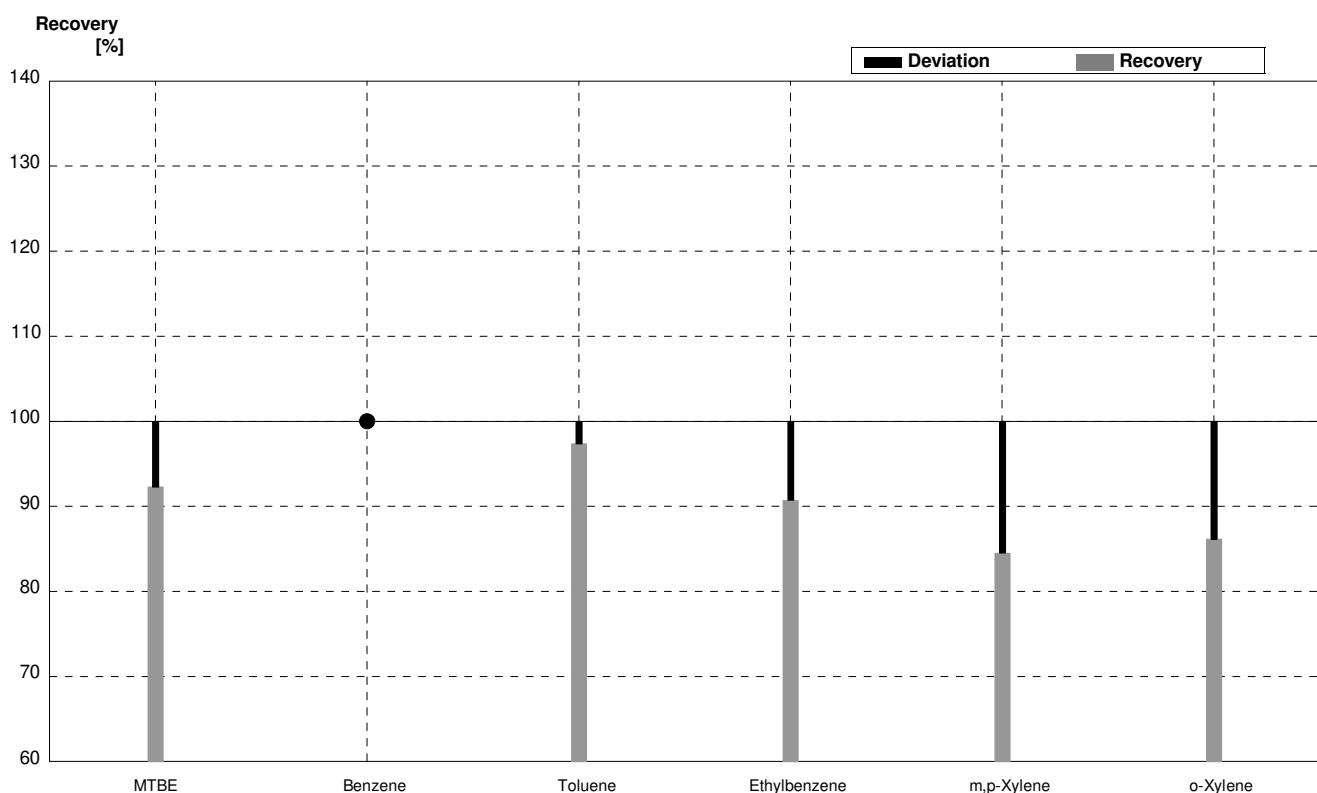
Laboratory I

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,59	0,78	$\mu\text{g/l}$	102%
Tetrachloroethene	2,19	0,11	2,63	0,79	$\mu\text{g/l}$	120%
1,1,1-Trichloroethane	0,17	0,01	0,19	0,06	$\mu\text{g/l}$	112%
Trichloromethane	1,57	0,08	1,63	0,49	$\mu\text{g/l}$	104%
Tetrachloromethane	<0,06		<0,4		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,87	1,46	$\mu\text{g/l}$	133%
Tribromomethane	1,66	0,08	1,24	0,37	$\mu\text{g/l}$	75%
Bromodichloromethane	0,58	0,03	0,51	0,15	$\mu\text{g/l}$	88%
Dibromochloromethane	0,44	0,02	0,37	0,11	$\mu\text{g/l}$	84%
Dichloromethane	6,20	0,31	5,04	1,51	$\mu\text{g/l}$	81%
1,2-Dichloroethane	0,47	0,02	0,61	0,18	$\mu\text{g/l}$	130%
cis-1,2-Dichloroethene	2,89	0,14	3,04	0,91	$\mu\text{g/l}$	105%
trans-1,2-Dichloroethene	<0,04		<0,4		$\mu\text{g/l}$	•



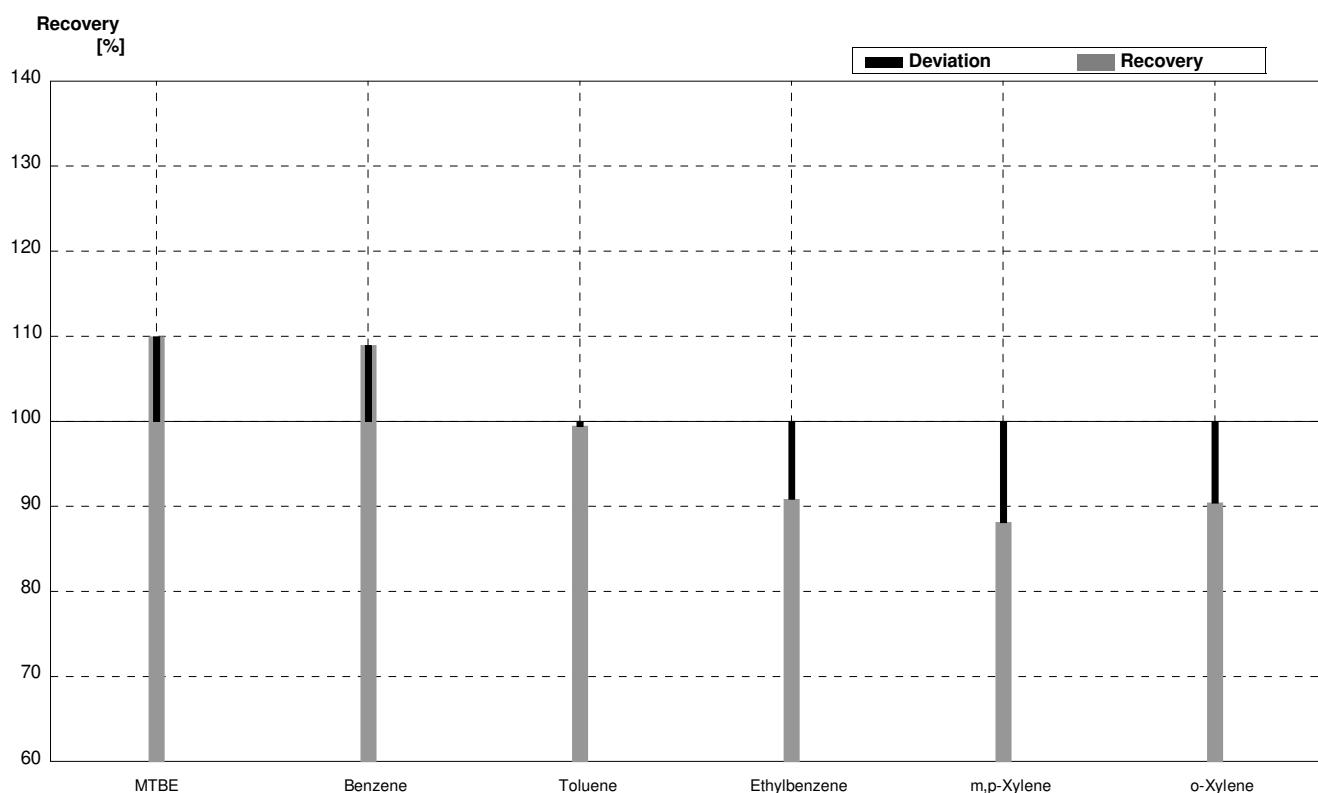
Sample B-CB06A**Laboratory J**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,48	0,07	$\mu\text{g/L}$	92%
Benzene	<0,4		<0,5		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,24	0,34	$\mu\text{g/L}$	97%
Ethylbenzene	2,70	0,14	2,45	0,37	$\mu\text{g/L}$	91%
m,p-Xylene	0,84	0,04	0,71	0,10	$\mu\text{g/L}$	85%
o-Xylene	1,88	0,09	1,62	0,24	$\mu\text{g/L}$	86%



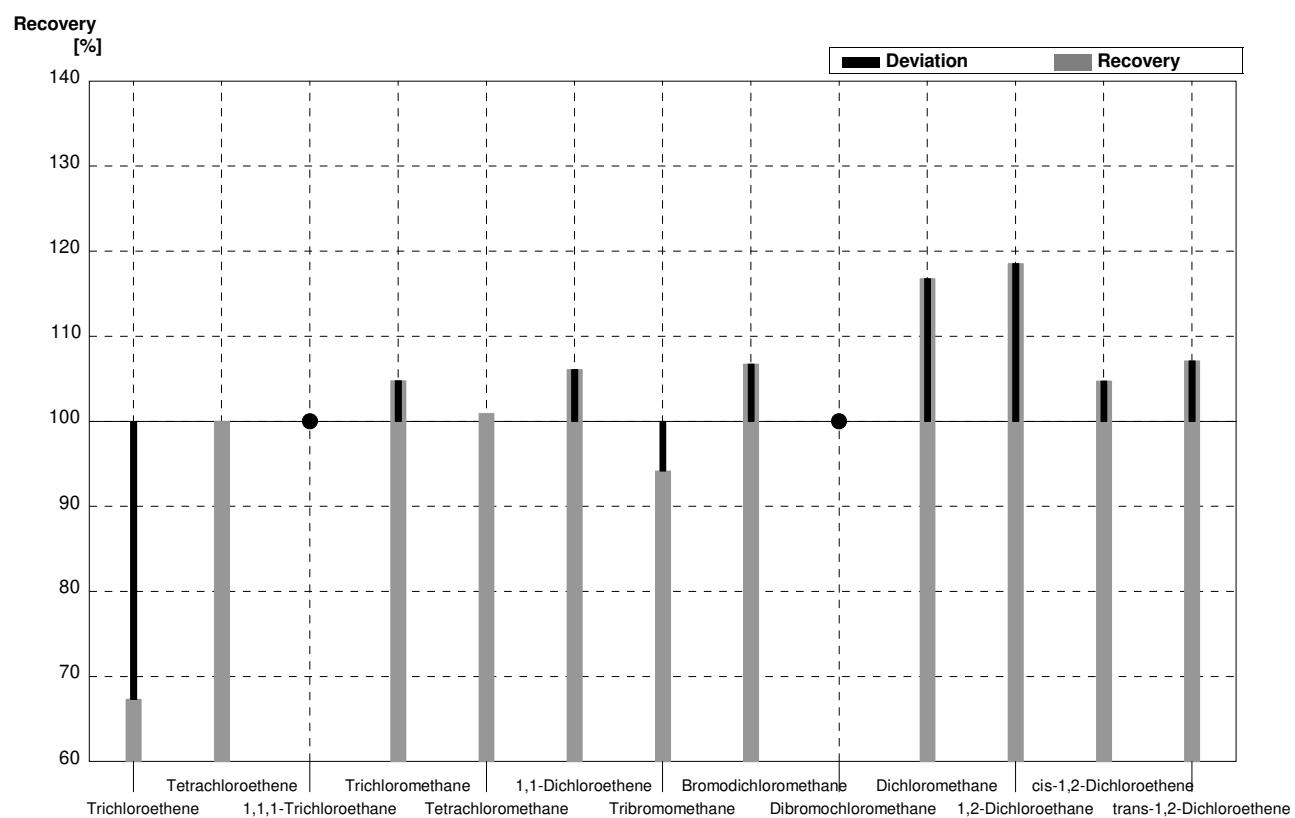
Sample B-CB06B**Laboratory J**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,98	0,45	$\mu\text{g/L}$	110%
Benzene	0,56	0,03	0,61	0,09	$\mu\text{g/L}$	109%
Toluene	1,76	0,09	1,75	0,26	$\mu\text{g/L}$	99%
Ethylbenzene	1,42	0,07	1,29	0,19	$\mu\text{g/L}$	91%
m,p-Xylene	6,48	0,32	5,71	0,86	$\mu\text{g/L}$	88%
o-Xylene	3,86	0,19	3,49	0,52	$\mu\text{g/L}$	90%



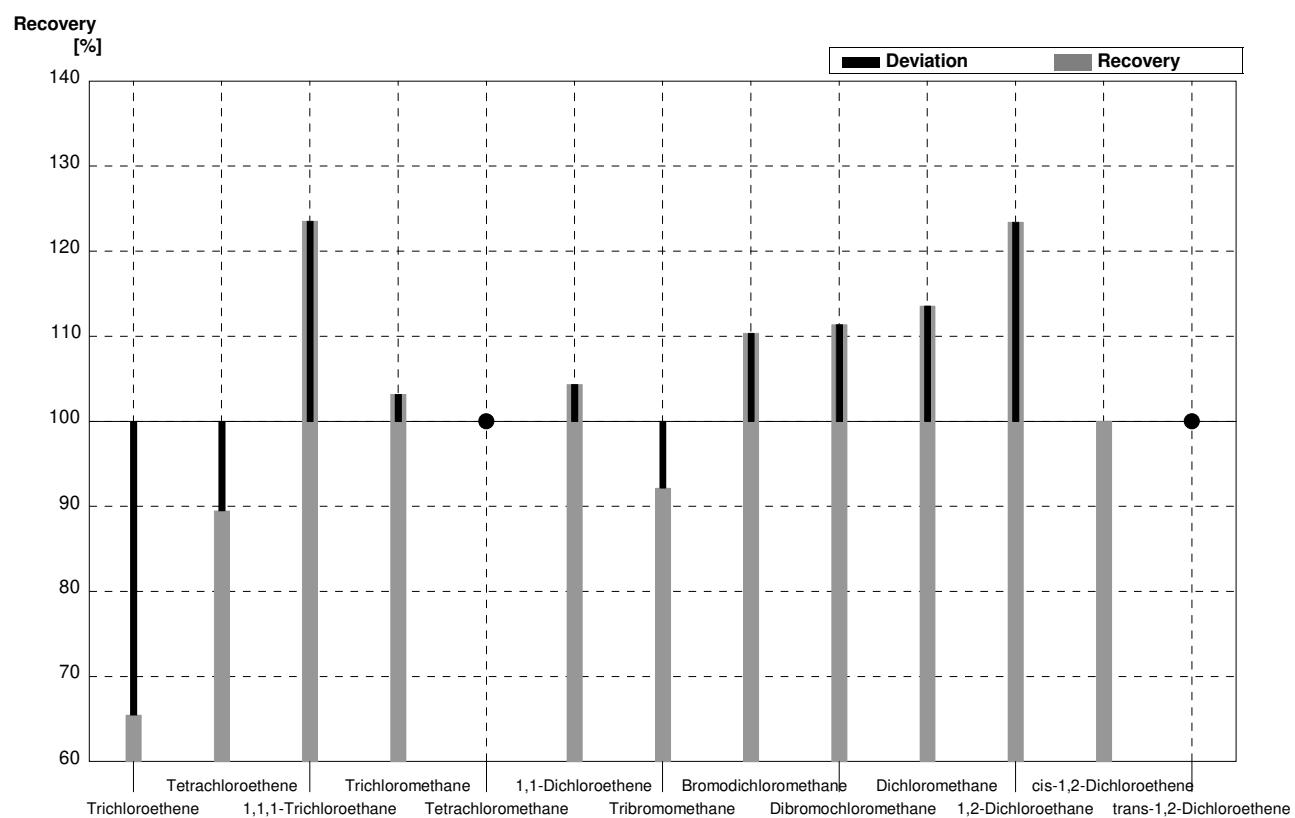
Sample C-CB06A**Laboratory J**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	0,97	0,15	$\mu\text{g/l}$	67%
Tetrachloroethene	0,27	0,01	0,27	0,04	$\mu\text{g/l}$	100%
1,1,1-Trichloroethane	<0,08		<0,1	0,02	$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,28	0,49	$\mu\text{g/l}$	105%
Tetrachloromethane	1,04	0,05	1,05	0,16	$\mu\text{g/l}$	101%
1,1-Dichloroethene	1,47	0,07	1,56	0,23	$\mu\text{g/l}$	106%
Tribromomethane	0,86	0,04	0,81	0,12	$\mu\text{g/l}$	94%
Bromodichloromethane	1,78	0,09	1,90	0,29	$\mu\text{g/l}$	107%
Dibromochloromethane	<0,1		<0,1	0,02	$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	3,06	0,46	$\mu\text{g/l}$	117%
1,2-Dichloroethane	1,40	0,07	1,66	0,25	$\mu\text{g/l}$	119%
cis-1,2-Dichloroethene	1,47	0,07	1,54	0,23	$\mu\text{g/l}$	105%
trans-1,2-Dichloroethene	2,38	0,12	2,55	0,38	$\mu\text{g/l}$	107%



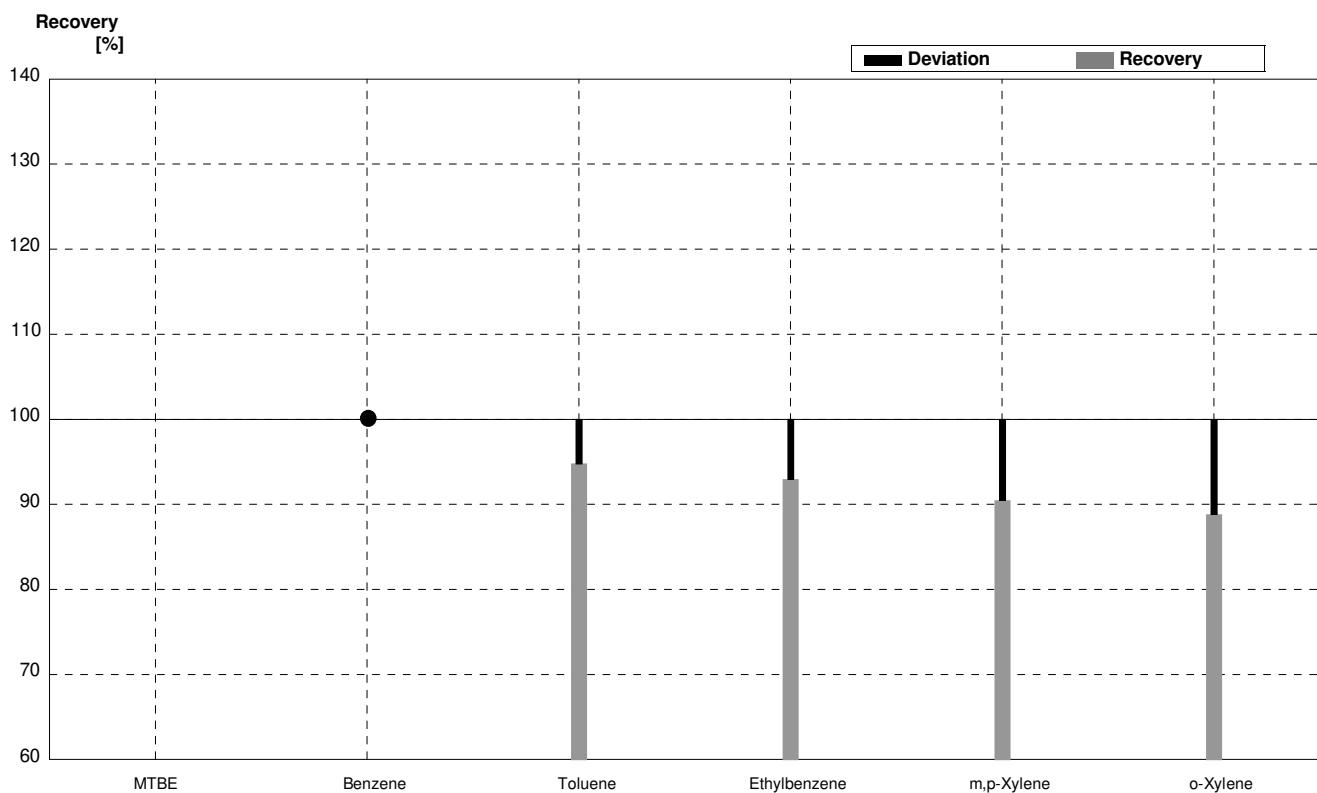
Sample C-CB06B**Laboratory J**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	1,67	0,25	$\mu\text{g/l}$	65%
Tetrachloroethene	2,19	0,11	1,96	0,29	$\mu\text{g/l}$	89%
1,1,1-Trichloroethane	0,17	0,01	0,21	0,03	$\mu\text{g/l}$	124%
Trichloromethane	1,57	0,08	1,62	0,24	$\mu\text{g/l}$	103%
Tetrachloromethane	<0,06		<0,1	0,02	$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,83	0,57	$\mu\text{g/l}$	104%
Tribromomethane	1,66	0,08	1,53	0,23	$\mu\text{g/l}$	92%
Bromodichloromethane	0,58	0,03	0,64	0,10	$\mu\text{g/l}$	110%
Dibromochloromethane	0,44	0,02	0,49	0,07	$\mu\text{g/l}$	111%
Dichloromethane	6,20	0,31	7,04	1,06	$\mu\text{g/l}$	114%
1,2-Dichloroethane	0,47	0,02	0,58	0,09	$\mu\text{g/l}$	123%
cis-1,2-Dichloroethene	2,89	0,14	2,89	0,43	$\mu\text{g/l}$	100%
trans-1,2-Dichloroethene	<0,04		<0,1	0,02	$\mu\text{g/l}$	•



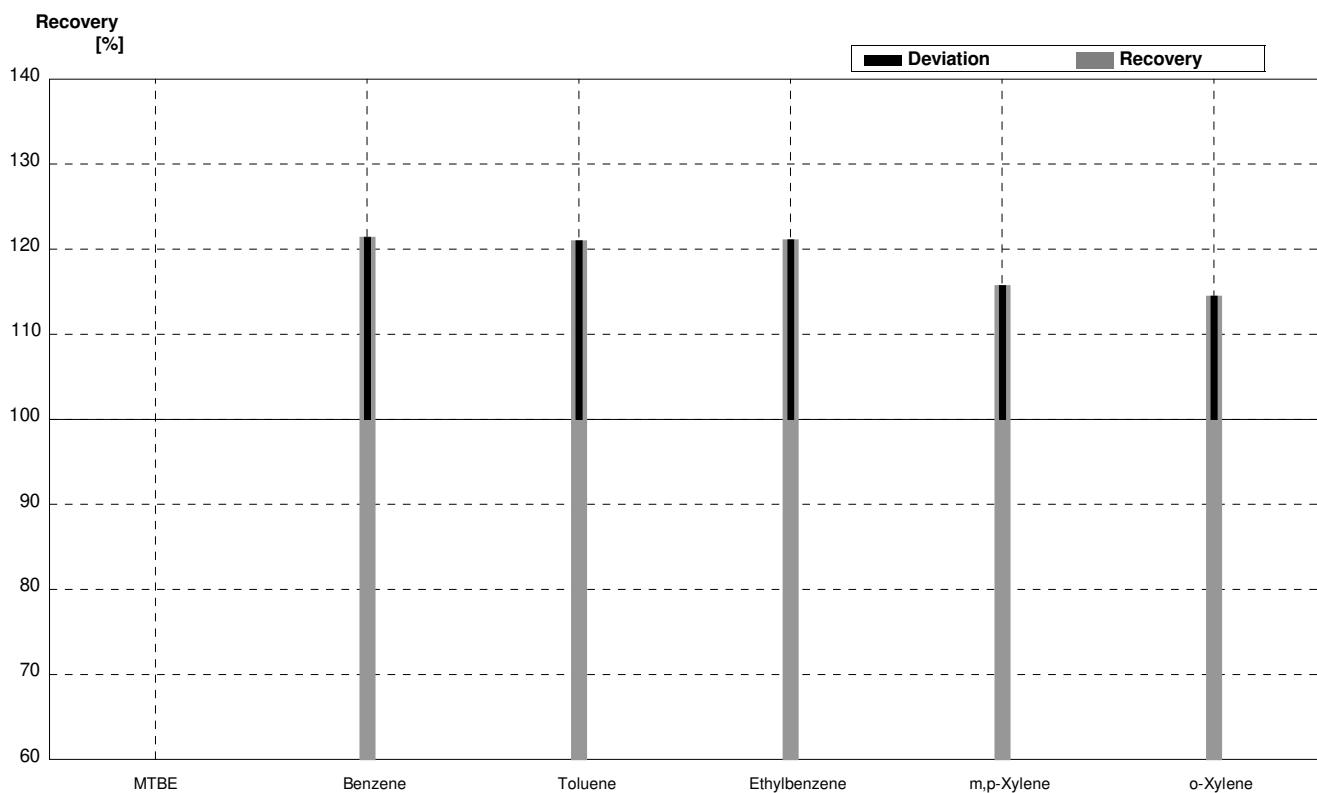
Sample B-CB06A**Laboratory K**

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	0,52	0,03			µg/L	
Benzene	<0,4		<bg		µg/L	•
Toluene	2,30	0,12	2,18	0,44	µg/L	95%
Ethylbenzene	2,70	0,14	2,51	0,50	µg/L	93%
m,p-Xylene	0,84	0,04	0,76	0,15	µg/L	90%
o-Xylene	1,88	0,09	1,67	0,33	µg/L	89%



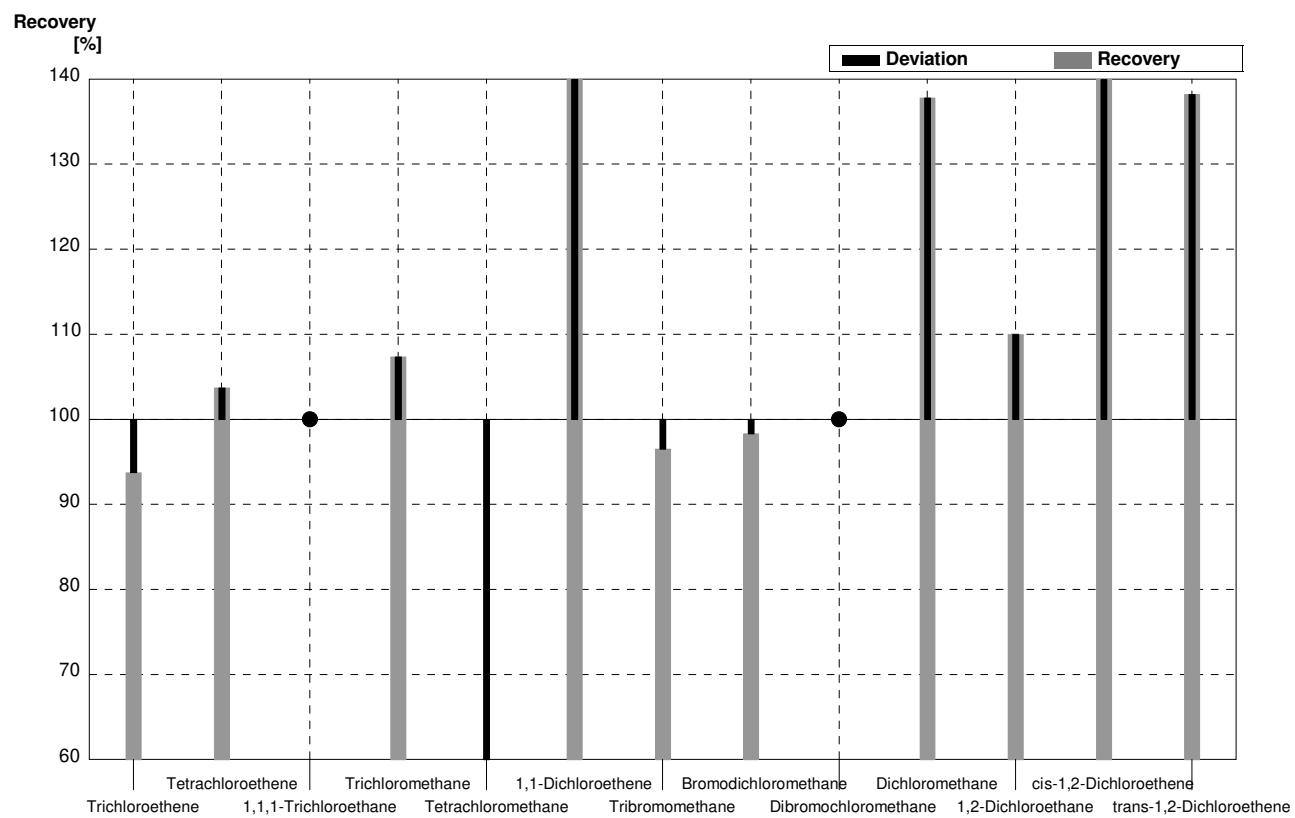
Sample B-CB06B**Laboratory K**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14			$\mu\text{g/L}$	
Benzene	0,56	0,03	0,68	0,14	$\mu\text{g/L}$	121%
Toluene	1,76	0,09	2,13	0,43	$\mu\text{g/L}$	121%
Ethylbenzene	1,42	0,07	1,72	0,34	$\mu\text{g/L}$	121%
m,p-Xylene	6,48	0,32	7,50	1,50	$\mu\text{g/L}$	116%
o-Xylene	3,86	0,19	4,42	0,88	$\mu\text{g/L}$	115%



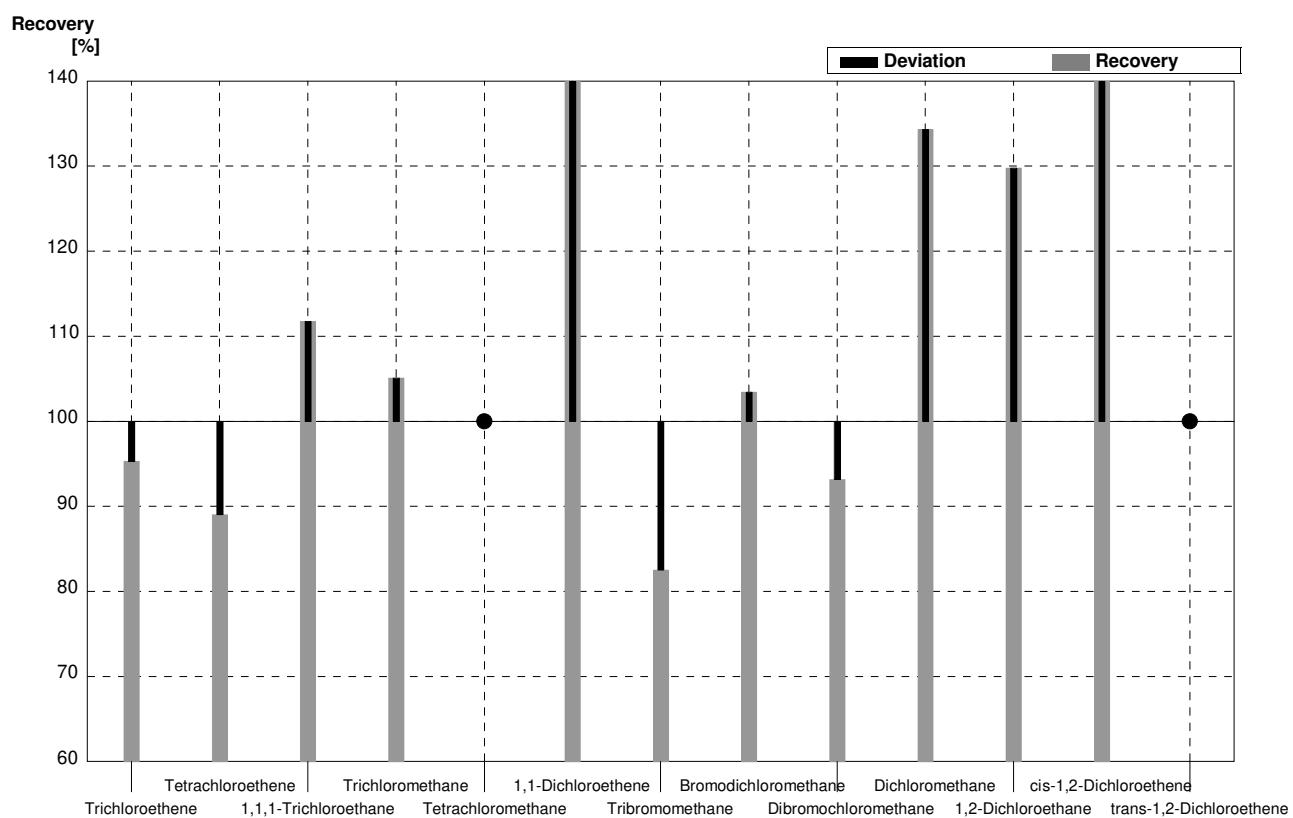
Sample C-CB06A**Laboratory K**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,35	0,27	$\mu\text{g/l}$	94%
Tetrachloroethene	0,27	0,01	0,28	0,06	$\mu\text{g/l}$	104%
1,1,1-Trichloroethane	<0,08		<0,08		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,36	0,67	$\mu\text{g/l}$	107%
Tetrachloromethane	1,04	0,05	0,28	0,06	$\mu\text{g/l}$	27%
1,1-Dichloroethene	1,47	0,07	3,30	0,66	$\mu\text{g/l}$	224%
Tribromomethane	0,86	0,04	0,83	0,17	$\mu\text{g/l}$	97%
Bromodichloromethane	1,78	0,09	1,75	0,35	$\mu\text{g/l}$	98%
Dibromochloromethane	<0,1		<0,08		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	3,61	0,72	$\mu\text{g/l}$	138%
1,2-Dichloroethane	1,40	0,07	1,54	0,31	$\mu\text{g/l}$	110%
cis-1,2-Dichloroethene	1,47	0,07	2,48	0,50	$\mu\text{g/l}$	169%
trans-1,2-Dichloroethene	2,38	0,12	3,29	0,66	$\mu\text{g/l}$	138%



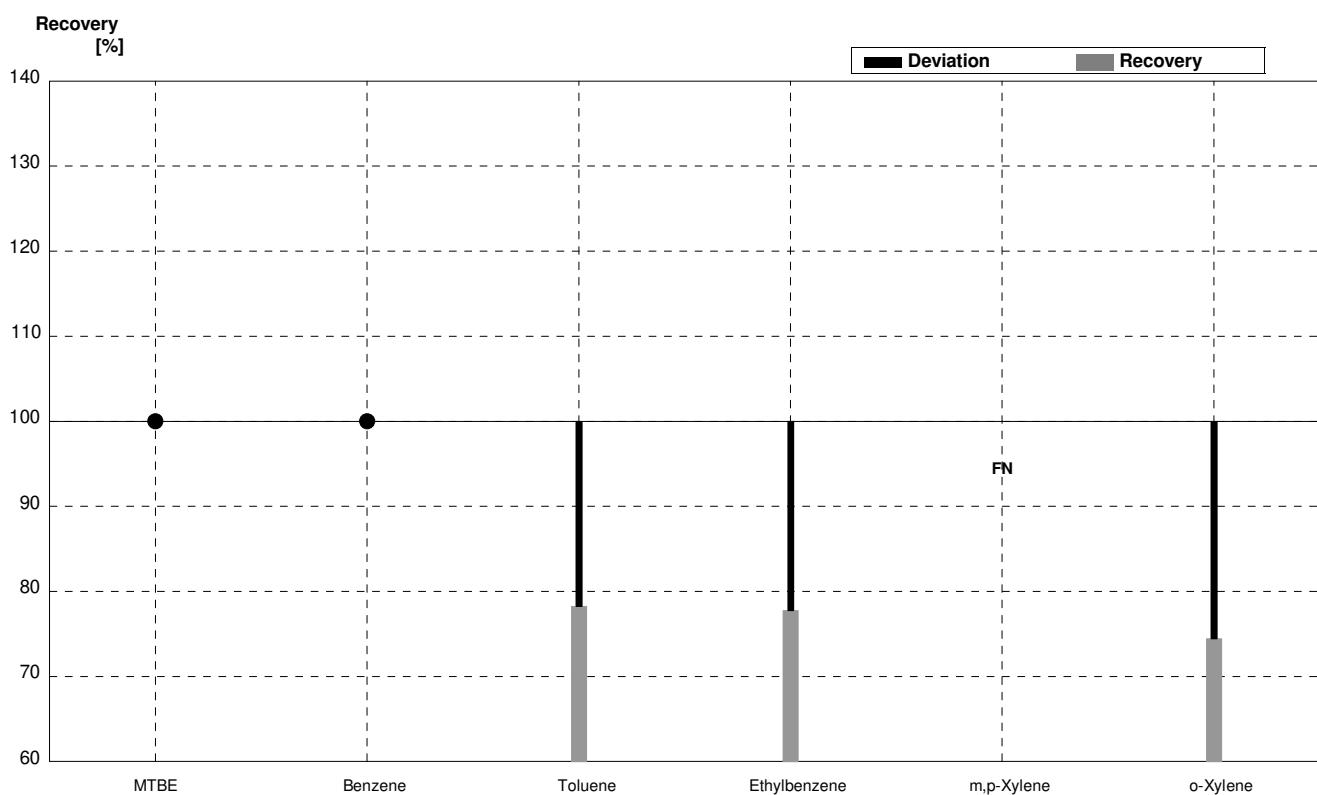
Sample C-CB06B**Laboratory K**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,43	0,49	$\mu\text{g/l}$	95%
Tetrachloroethene	2,19	0,11	1,95	0,39	$\mu\text{g/l}$	89%
1,1,1-Trichloroethane	0,17	0,01	0,19	0,04	$\mu\text{g/l}$	112%
Trichloromethane	1,57	0,08	1,65	0,33	$\mu\text{g/l}$	105%
Tetrachloromethane	<0,06		<0,08		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	8,00	1,60	$\mu\text{g/l}$	218%
Tribromomethane	1,66	0,08	1,37	0,27	$\mu\text{g/l}$	83%
Bromodichloromethane	0,58	0,03	0,60	0,12	$\mu\text{g/l}$	103%
Dibromochloromethane	0,44	0,02	0,41	0,08	$\mu\text{g/l}$	93%
Dichloromethane	6,20	0,31	8,33	1,67	$\mu\text{g/l}$	134%
1,2-Dichloroethane	0,47	0,02	0,61	0,12	$\mu\text{g/l}$	130%
cis-1,2-Dichloroethene	2,89	0,14	4,92	0,98	$\mu\text{g/l}$	170%
trans-1,2-Dichloroethene	<0,04		<0,08		$\mu\text{g/l}$	•



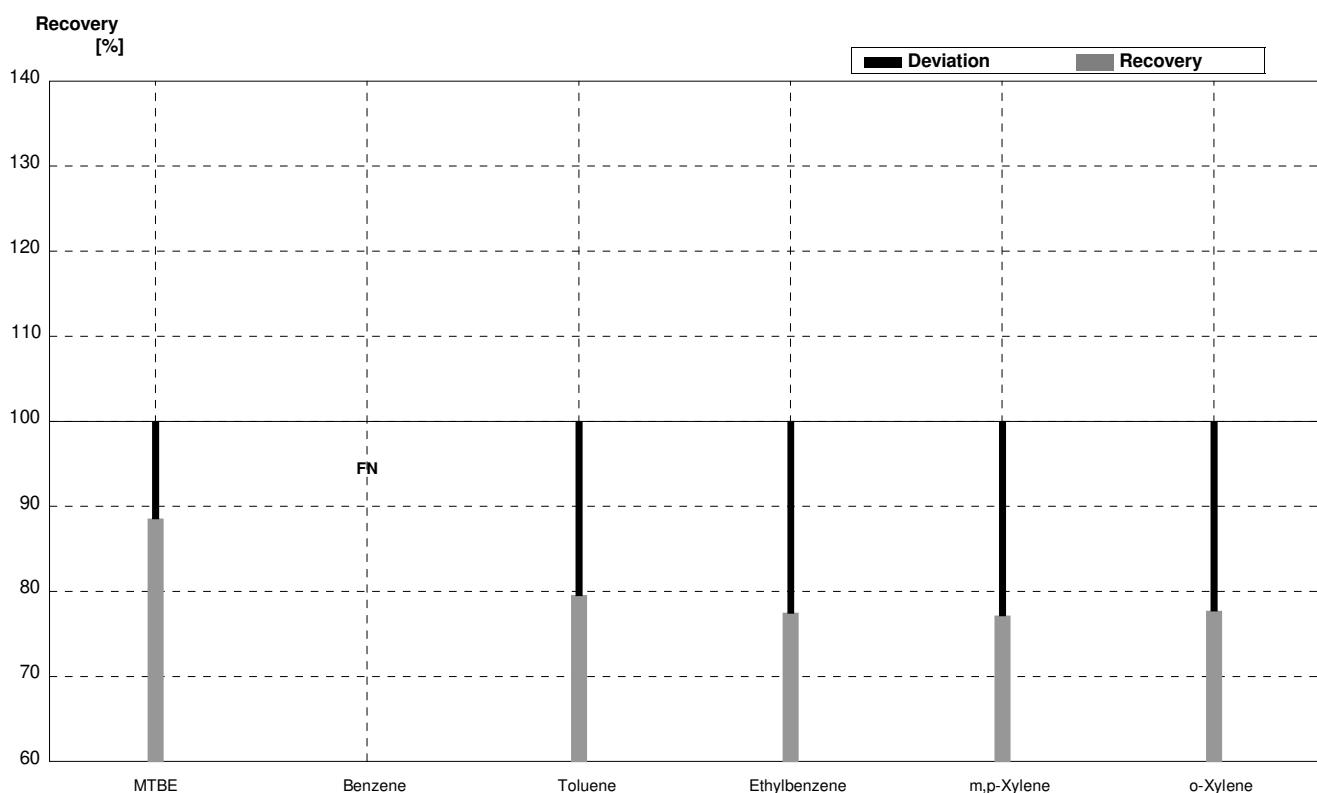
Sample B-CB06A**Laboratory L**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	<0,5		$\mu\text{g/L}$	•
Benzene	<0,4		<0,5		$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,8	0,37	$\mu\text{g/L}$	78%
Ethylbenzene	2,70	0,14	2,1	0,40	$\mu\text{g/L}$	78%
m,p-Xylene	0,84	0,04	<0,5		$\mu\text{g/L}$	FN
o-Xylene	1,88	0,09	1,4	0,29	$\mu\text{g/L}$	74%



Sample B-CB06B**Laboratory L**

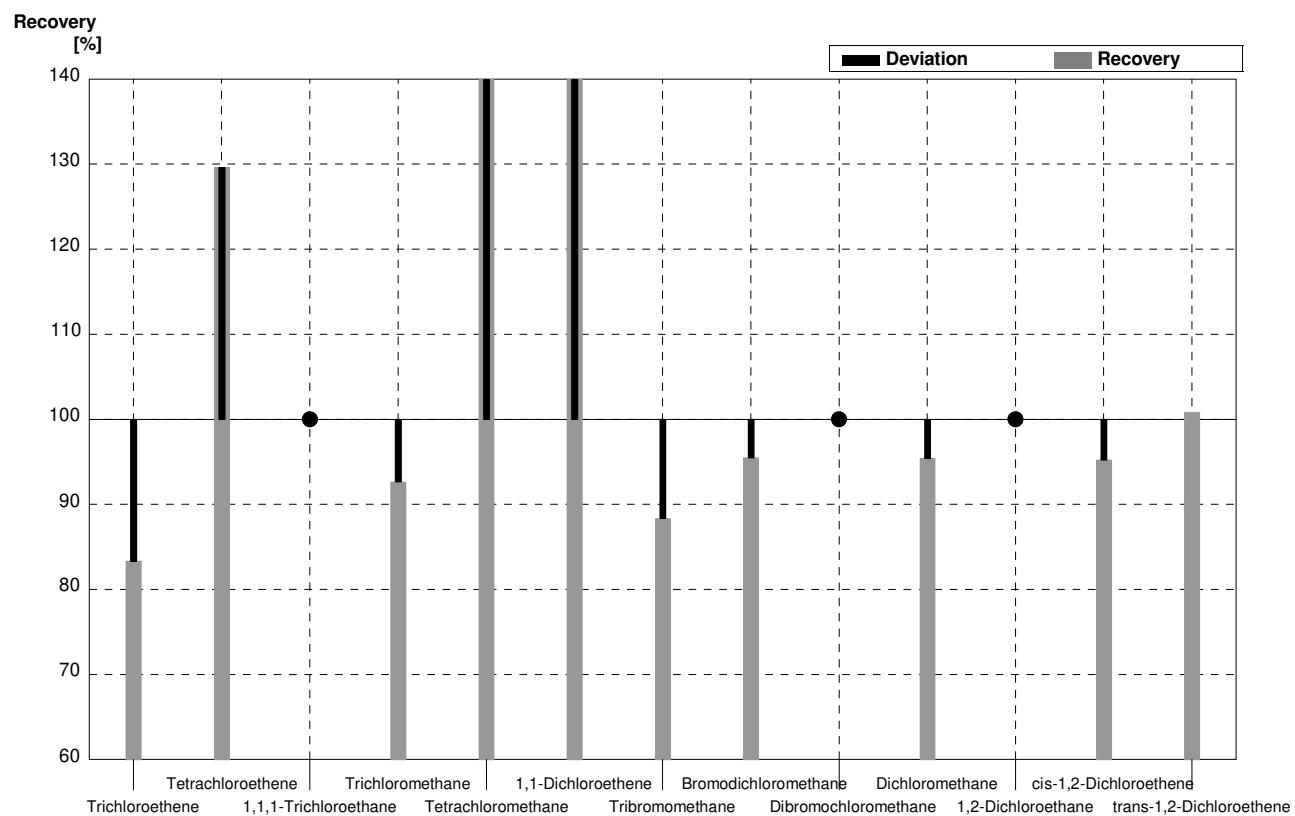
Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,4	0,50	$\mu\text{g/L}$	89%
Benzene	0,56	0,03	<0,5		$\mu\text{g/L}$	FN
Toluene	1,76	0,09	1,4	0,29	$\mu\text{g/L}$	80%
Ethylbenzene	1,42	0,07	1,1	0,21	$\mu\text{g/L}$	77%
m,p-Xylene	6,48	0,32	5,0	1,2	$\mu\text{g/L}$	77%
o-Xylene	3,86	0,19	3,0	0,61	$\mu\text{g/L}$	78%



Sample C-CB06A

Laboratory L

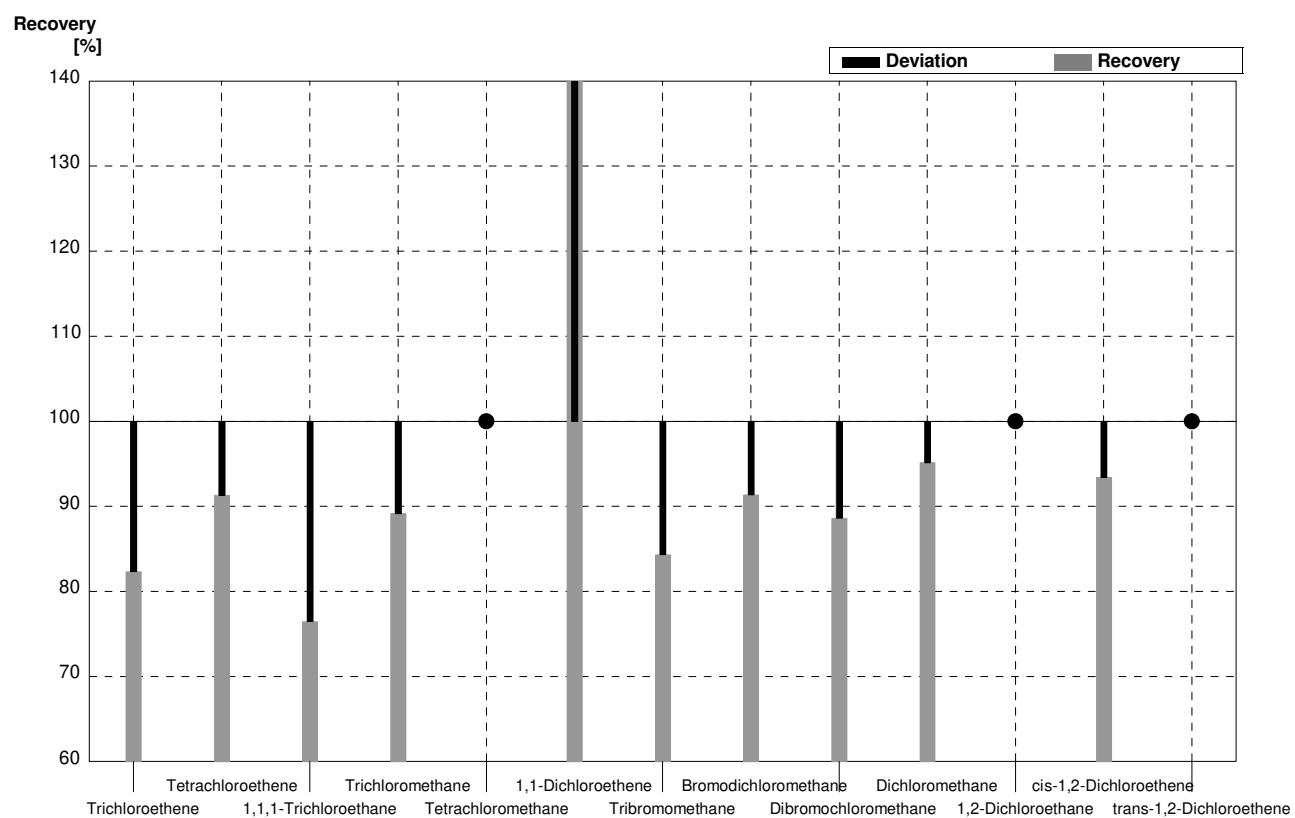
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,2	0,23	$\mu\text{g/l}$	83%
Tetrachloroethene	0,27	0,01	0,35	0,065	$\mu\text{g/l}$	130%
1,1,1-Trichloroethane	<0,08		<0,1		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,9	0,48	$\mu\text{g/l}$	93%
Tetrachloromethane	1,04	0,05	4,9	0,84	$\mu\text{g/l}$	471%
1,1-Dichloroethene	1,47	0,07	2,1	0,61	$\mu\text{g/l}$	143%
Tribromomethane	0,86	0,04	0,76	0,14	$\mu\text{g/l}$	88%
Bromodichloromethane	1,78	0,09	1,7	0,24	$\mu\text{g/l}$	96%
Dibromochloromethane	<0,1		<0,1		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,5	0,51	$\mu\text{g/l}$	95%
1,2-Dichloroethane	1,40	0,07	<2		$\mu\text{g/l}$	•
cis-1,2-Dichloroethene	1,47	0,07	1,4	0,36	$\mu\text{g/l}$	95%
trans-1,2-Dichloroethene	2,38	0,12	2,4	0,71	$\mu\text{g/l}$	101%



Sample C-CB06B

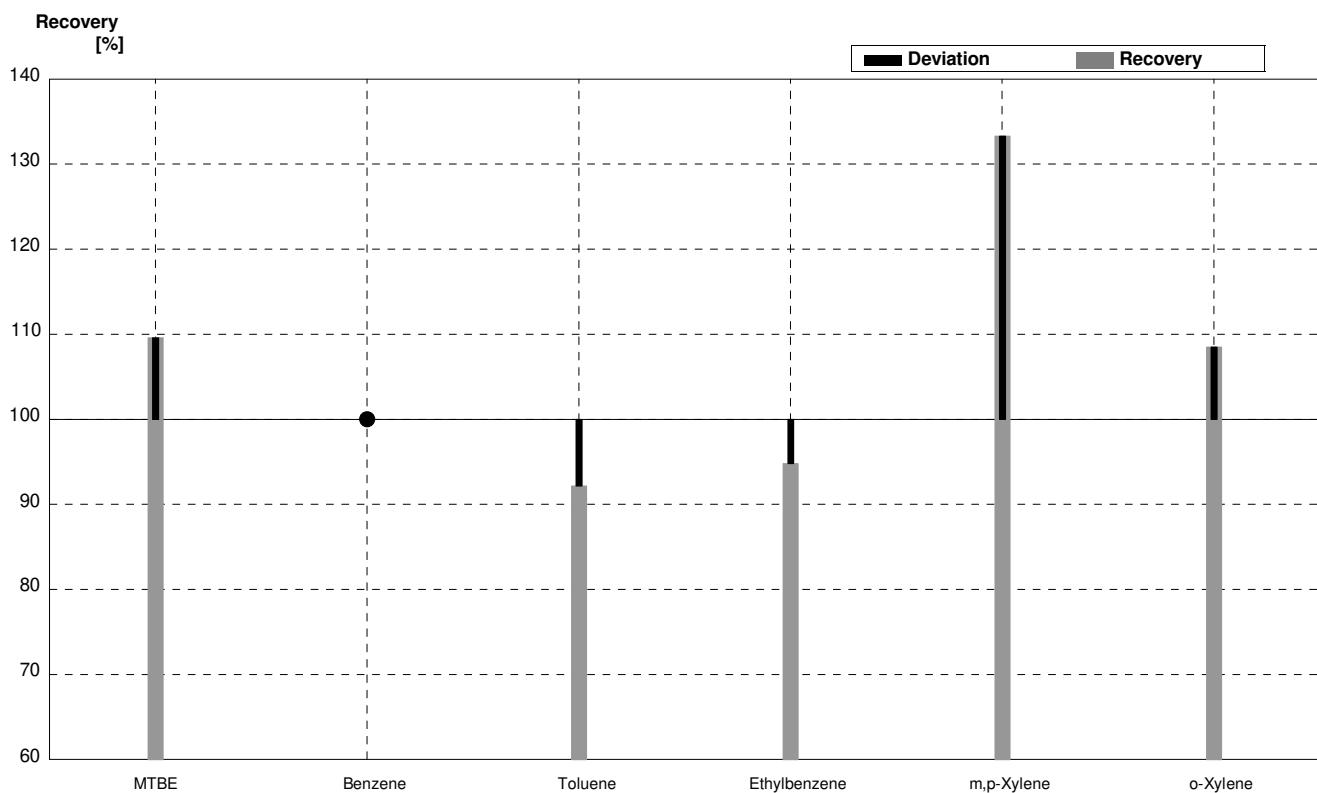
Laboratory L

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,1	0,40	$\mu\text{g/l}$	82%
Tetrachloroethene	2,19	0,11	2,0	0,37	$\mu\text{g/l}$	91%
1,1,1-Trichloroethane	0,17	0,01	0,13	0,023	$\mu\text{g/l}$	76%
Trichloromethane	1,57	0,08	1,4	0,23	$\mu\text{g/l}$	89%
Tetrachloromethane	<0,06		<0,1		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	5,2	1,5	$\mu\text{g/l}$	142%
Tribromomethane	1,66	0,08	1,4	0,26	$\mu\text{g/l}$	84%
Bromodichloromethane	0,58	0,03	0,53	0,076	$\mu\text{g/l}$	91%
Dibromochloromethane	0,44	0,02	0,39	0,065	$\mu\text{g/l}$	89%
Dichloromethane	6,20	0,31	5,9	1,2	$\mu\text{g/l}$	95%
1,2-Dichloroethane	0,47	0,02	<2		$\mu\text{g/l}$	•
cis-1,2-Dichloroethene	2,89	0,14	2,7	0,68	$\mu\text{g/l}$	93%
trans-1,2-Dichloroethene	<0,04		<0,5		$\mu\text{g/l}$	•



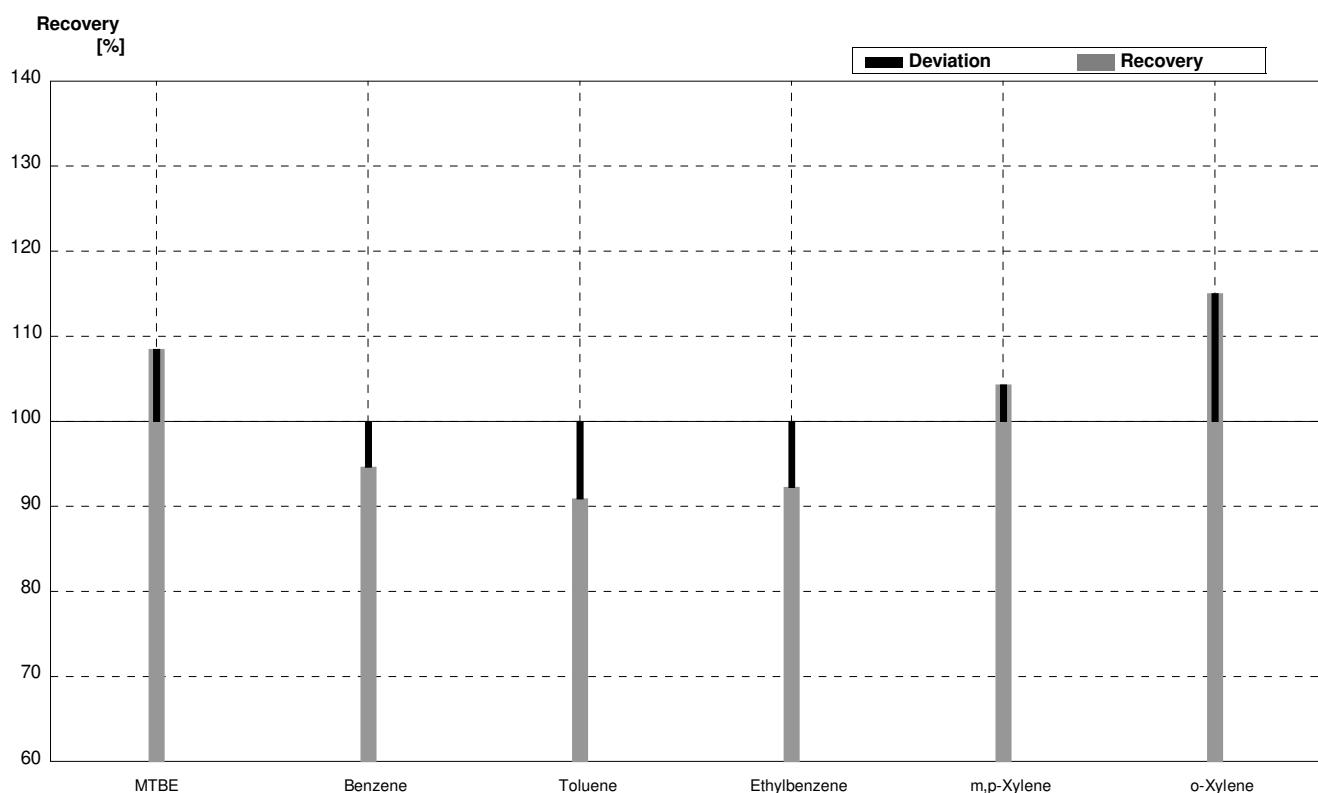
Sample B-CB06A**Laboratory M**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,57	0,15	$\mu\text{g/L}$	110%
Benzene	<0,4		<0,1	0,03	$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,12	0,55	$\mu\text{g/L}$	92%
Ethylbenzene	2,70	0,14	2,56	0,67	$\mu\text{g/L}$	95%
m,p-Xylene	0,84	0,04	1,12	0,29	$\mu\text{g/L}$	133%
o-Xylene	1,88	0,09	2,04	0,53	$\mu\text{g/L}$	109%



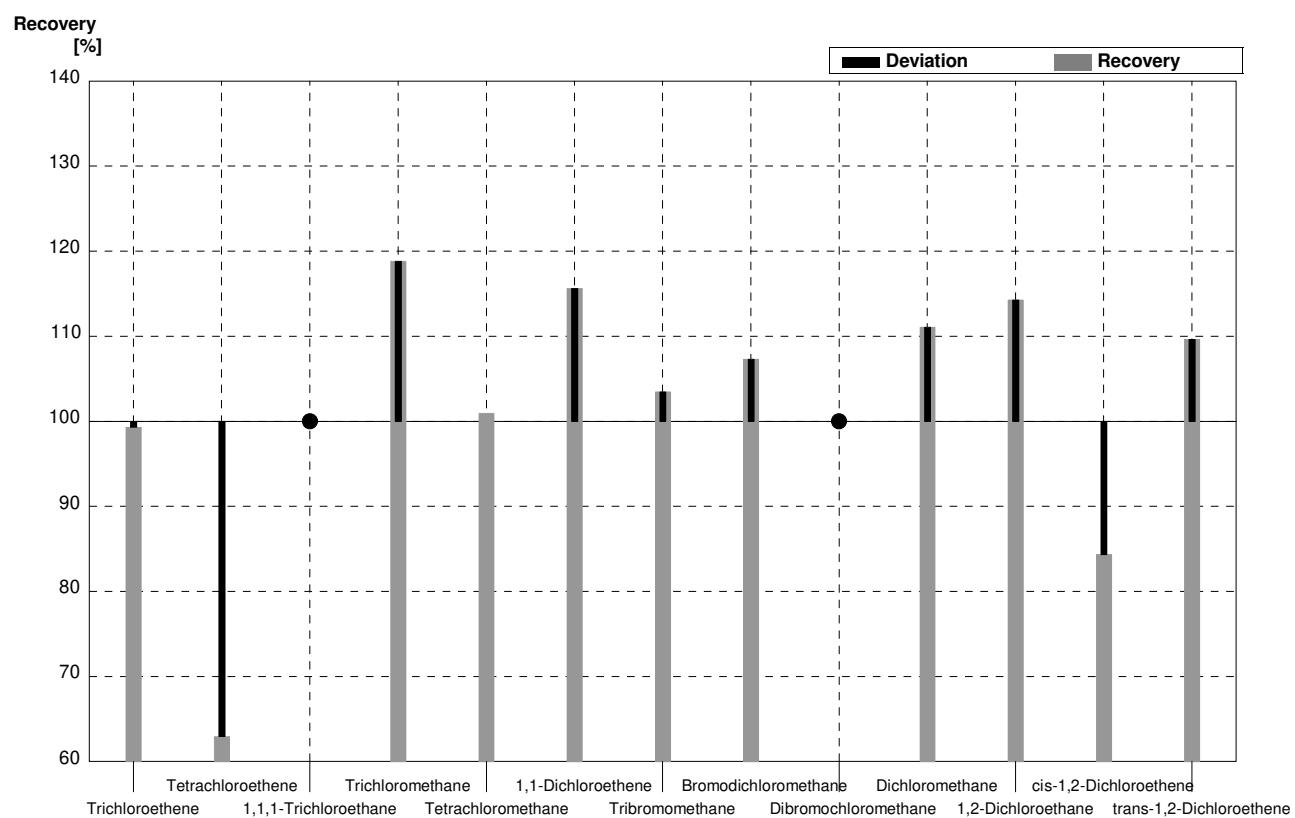
Sample B-CB06B**Laboratory M**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,94	0,76	$\mu\text{g/L}$	108%
Benzene	0,56	0,03	0,53	0,14	$\mu\text{g/L}$	95%
Toluene	1,76	0,09	1,60	0,42	$\mu\text{g/L}$	91%
Ethylbenzene	1,42	0,07	1,31	0,34	$\mu\text{g/L}$	92%
m,p-Xylene	6,48	0,32	6,76	1,76	$\mu\text{g/L}$	104%
o-Xylene	3,86	0,19	4,44	1,16	$\mu\text{g/L}$	115%



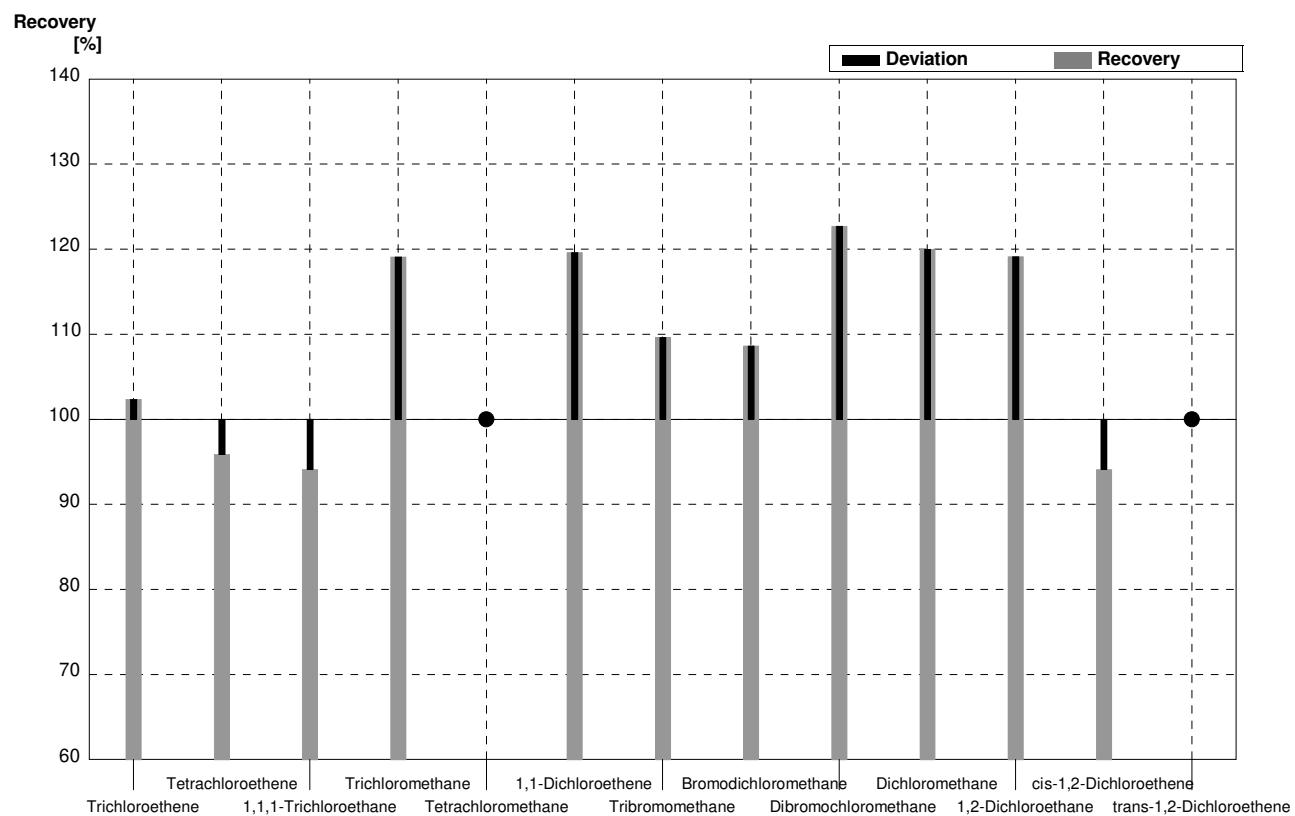
Sample C-CB06A**Laboratory M**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,43	0,37	$\mu\text{g/l}$	99%
Tetrachloroethene	0,27	0,01	0,17	0,04	$\mu\text{g/l}$	63%
1,1,1-Trichloroethane	<0,08		<0,1	0,03	$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,72	0,97	$\mu\text{g/l}$	119%
Tetrachloromethane	1,04	0,05	1,05	0,27	$\mu\text{g/l}$	101%
1,1-Dichloroethene	1,47	0,07	1,70	0,44	$\mu\text{g/l}$	116%
Tribromomethane	0,86	0,04	0,89	0,23	$\mu\text{g/l}$	103%
Bromodichloromethane	1,78	0,09	1,91	0,50	$\mu\text{g/l}$	107%
Dibromochloromethane	<0,1		<0,1	0,03	$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,91	0,76	$\mu\text{g/l}$	111%
1,2-Dichloroethane	1,40	0,07	1,60	0,42	$\mu\text{g/l}$	114%
cis-1,2-Dichloroethene	1,47	0,07	1,24	0,32	$\mu\text{g/l}$	84%
trans-1,2-Dichloroethene	2,38	0,12	2,61	0,68	$\mu\text{g/l}$	110%



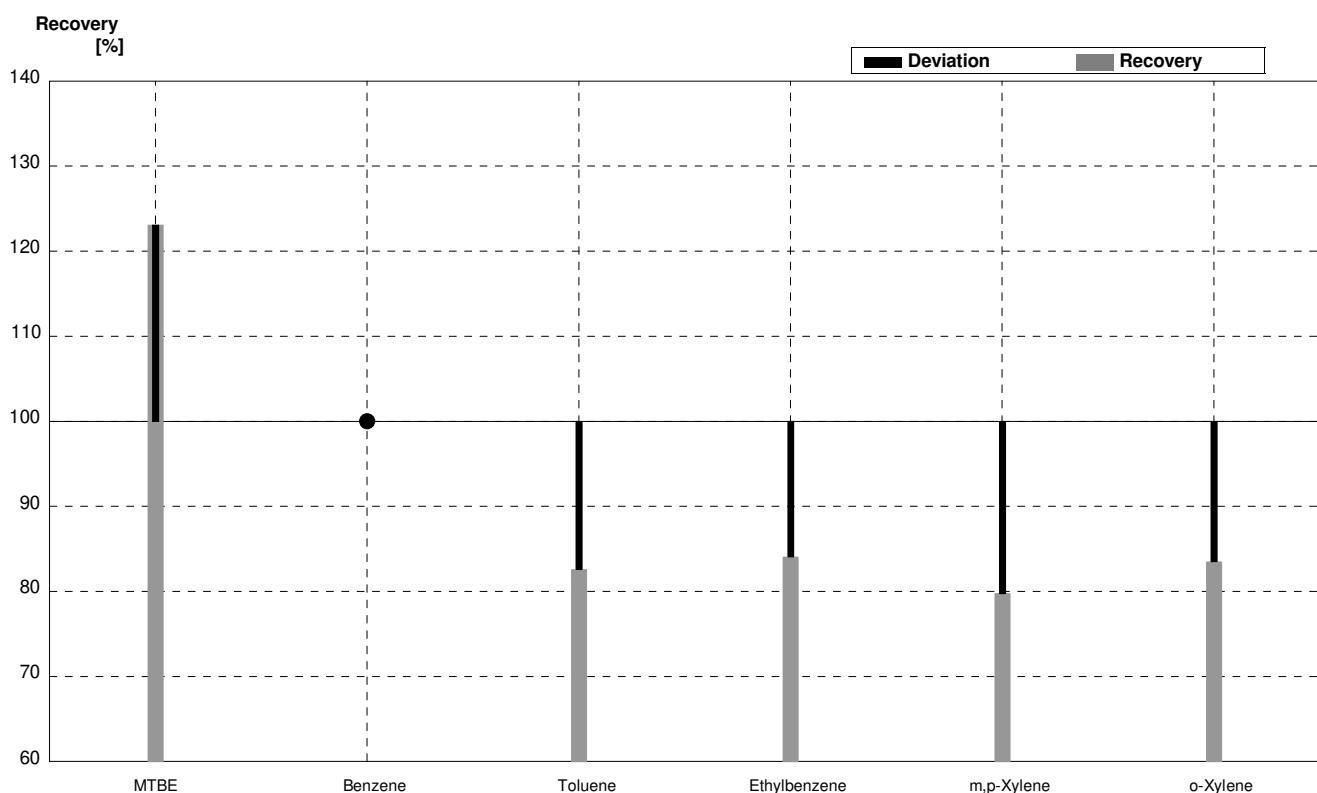
Sample C-CB06B**Laboratory M**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,61	0,68	$\mu\text{g/l}$	102%
Tetrachloroethene	2,19	0,11	2,10	0,55	$\mu\text{g/l}$	96%
1,1,1-Trichloroethane	0,17	0,01	0,16	0,04	$\mu\text{g/l}$	94%
Trichloromethane	1,57	0,08	1,87	0,48	$\mu\text{g/l}$	119%
Tetrachloromethane	<0,06		<0,1	0,03	$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,39	1,14	$\mu\text{g/l}$	120%
Tribromomethane	1,66	0,08	1,82	0,47	$\mu\text{g/l}$	110%
Bromodichloromethane	0,58	0,03	0,63	0,16	$\mu\text{g/l}$	109%
Dibromochloromethane	0,44	0,02	0,54	0,14	$\mu\text{g/l}$	123%
Dichloromethane	6,20	0,31	7,44	1,94	$\mu\text{g/l}$	120%
1,2-Dichloroethane	0,47	0,02	0,56	0,14	$\mu\text{g/l}$	119%
cis-1,2-Dichloroethene	2,89	0,14	2,72	0,71	$\mu\text{g/l}$	94%
trans-1,2-Dichloroethene	<0,04		<0,1	0,03	$\mu\text{g/l}$	•



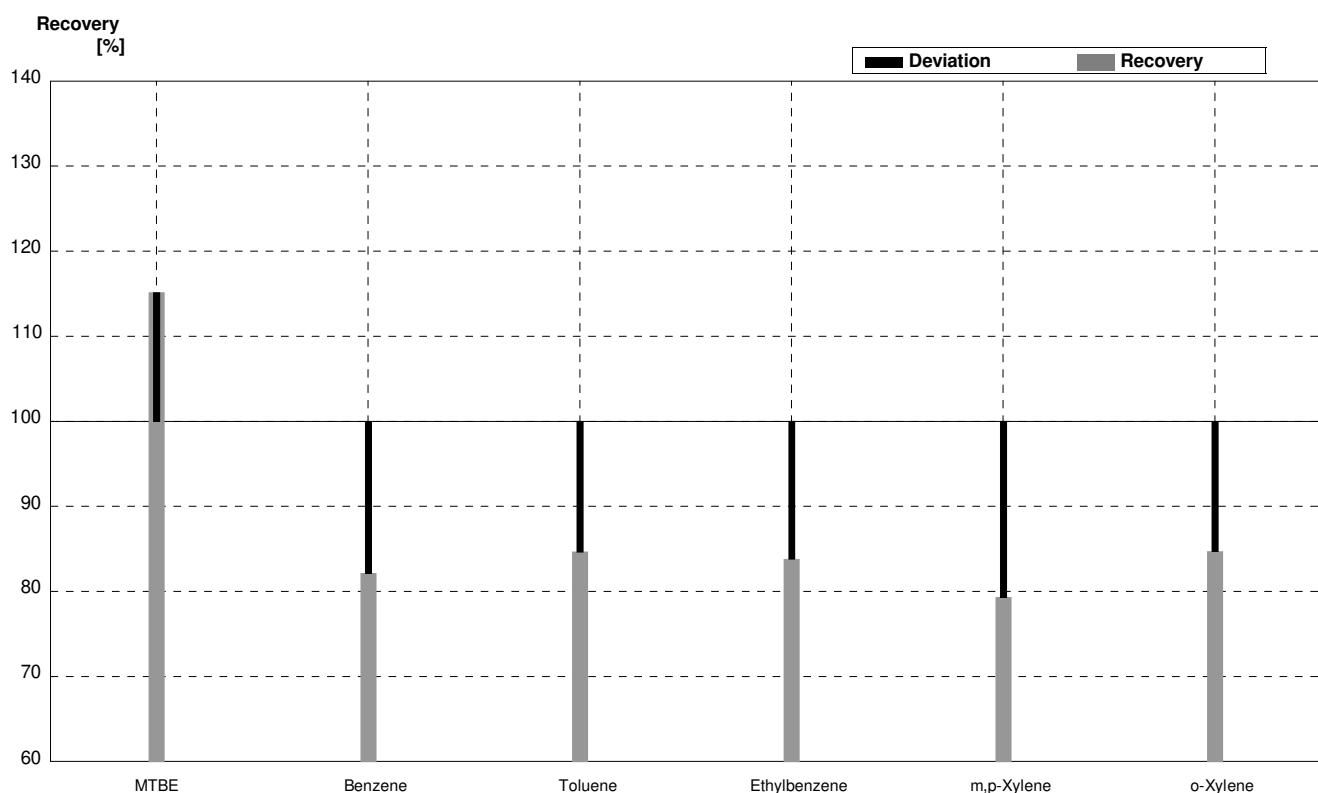
Sample B-CB06A**Laboratory N**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,64	0,13	$\mu\text{g/L}$	123%
Benzene	<0,4		<0,10		$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,90	0,38	$\mu\text{g/L}$	83%
Ethylbenzene	2,70	0,14	2,27	0,45	$\mu\text{g/L}$	84%
m,p-Xylene	0,84	0,04	0,67	0,13	$\mu\text{g/L}$	80%
o-Xylene	1,88	0,09	1,57	0,31	$\mu\text{g/L}$	84%



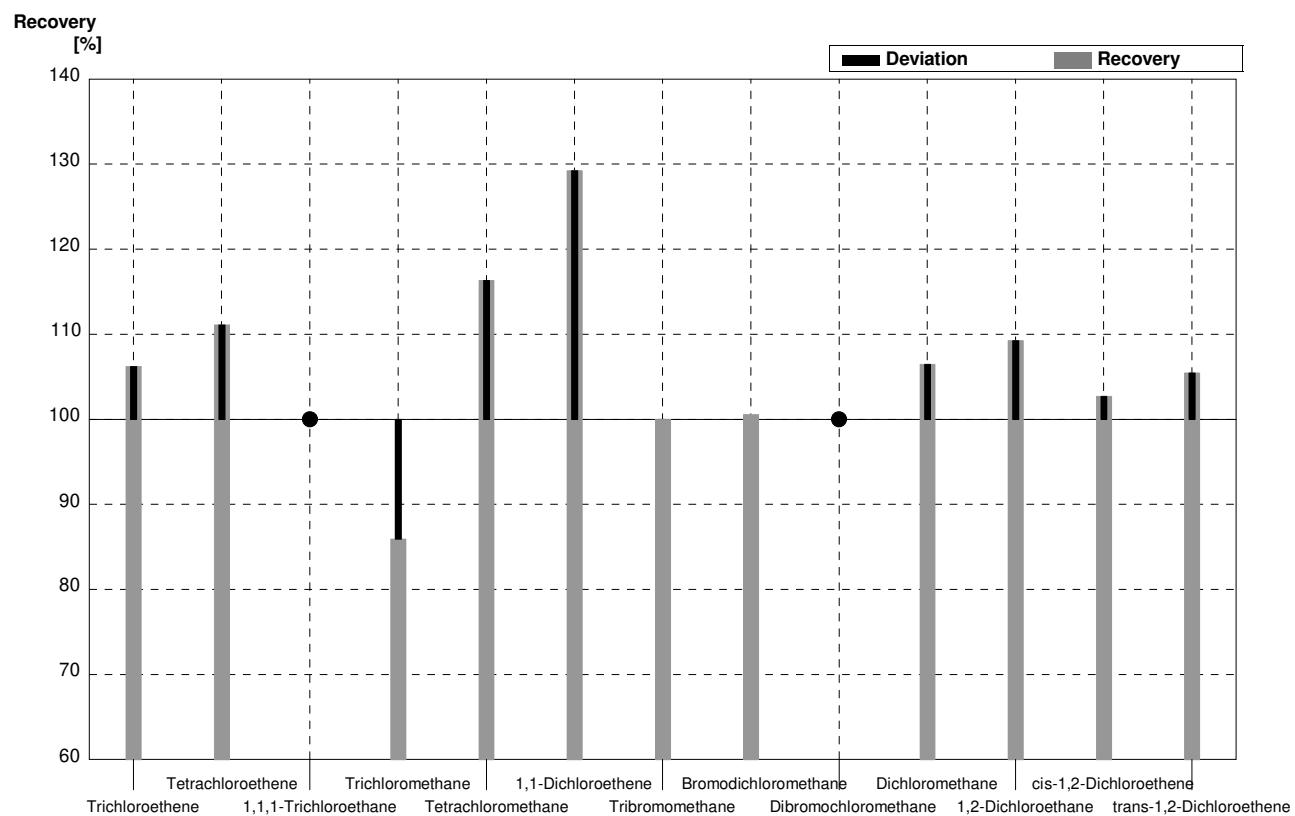
Sample B-CB06B**Laboratory N**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	3,12	0,62	$\mu\text{g/L}$	115%
Benzene	0,56	0,03	0,46	0,09	$\mu\text{g/L}$	82%
Toluene	1,76	0,09	1,49	0,30	$\mu\text{g/L}$	85%
Ethylbenzene	1,42	0,07	1,19	0,24	$\mu\text{g/L}$	84%
m,p-Xylene	6,48	0,32	5,14	1,03	$\mu\text{g/L}$	79%
o-Xylene	3,86	0,19	3,27	0,65	$\mu\text{g/L}$	85%



Sample C-CB06A**Laboratory N**

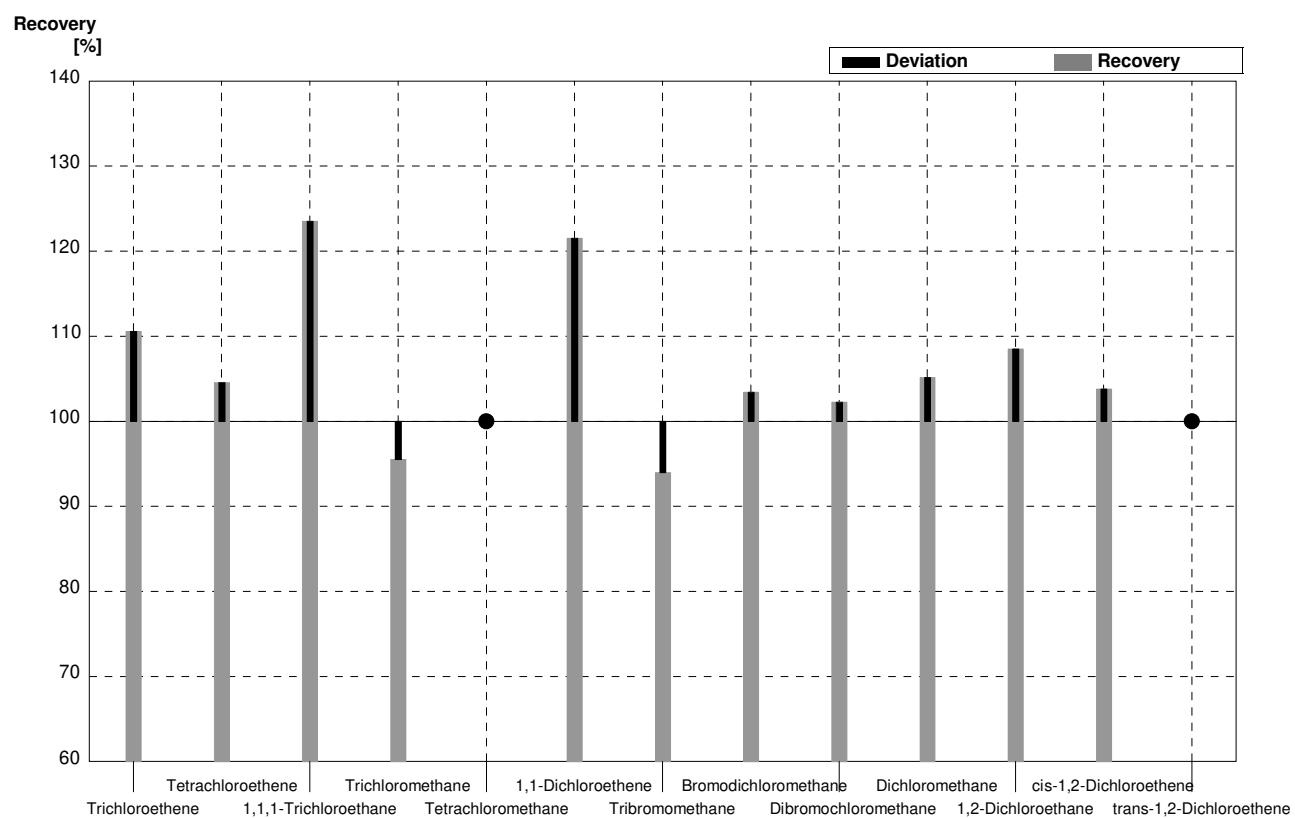
Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,53	0,31	$\mu\text{g/l}$	106%
Tetrachloroethene	0,27	0,01	0,30	0,06	$\mu\text{g/l}$	111%
1,1,1-Trichloroethane	<0,08		<0,10		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,69	0,54	$\mu\text{g/l}$	86%
Tetrachloromethane	1,04	0,05	1,21	0,24	$\mu\text{g/l}$	116%
1,1-Dichloroethene	1,47	0,07	1,90	0,38	$\mu\text{g/l}$	129%
Tribromomethane	0,86	0,04	0,86	0,17	$\mu\text{g/l}$	100%
Bromodichloromethane	1,78	0,09	1,79	0,36	$\mu\text{g/l}$	101%
Dibromochloromethane	<0,1		<0,10		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,79	0,56	$\mu\text{g/l}$	106%
1,2-Dichloroethane	1,40	0,07	1,53	0,31	$\mu\text{g/l}$	109%
cis-1,2-Dichloroethene	1,47	0,07	1,51	0,30	$\mu\text{g/l}$	103%
trans-1,2-Dichloroethene	2,38	0,12	2,51	0,50	$\mu\text{g/l}$	105%



Sample C-CB06B

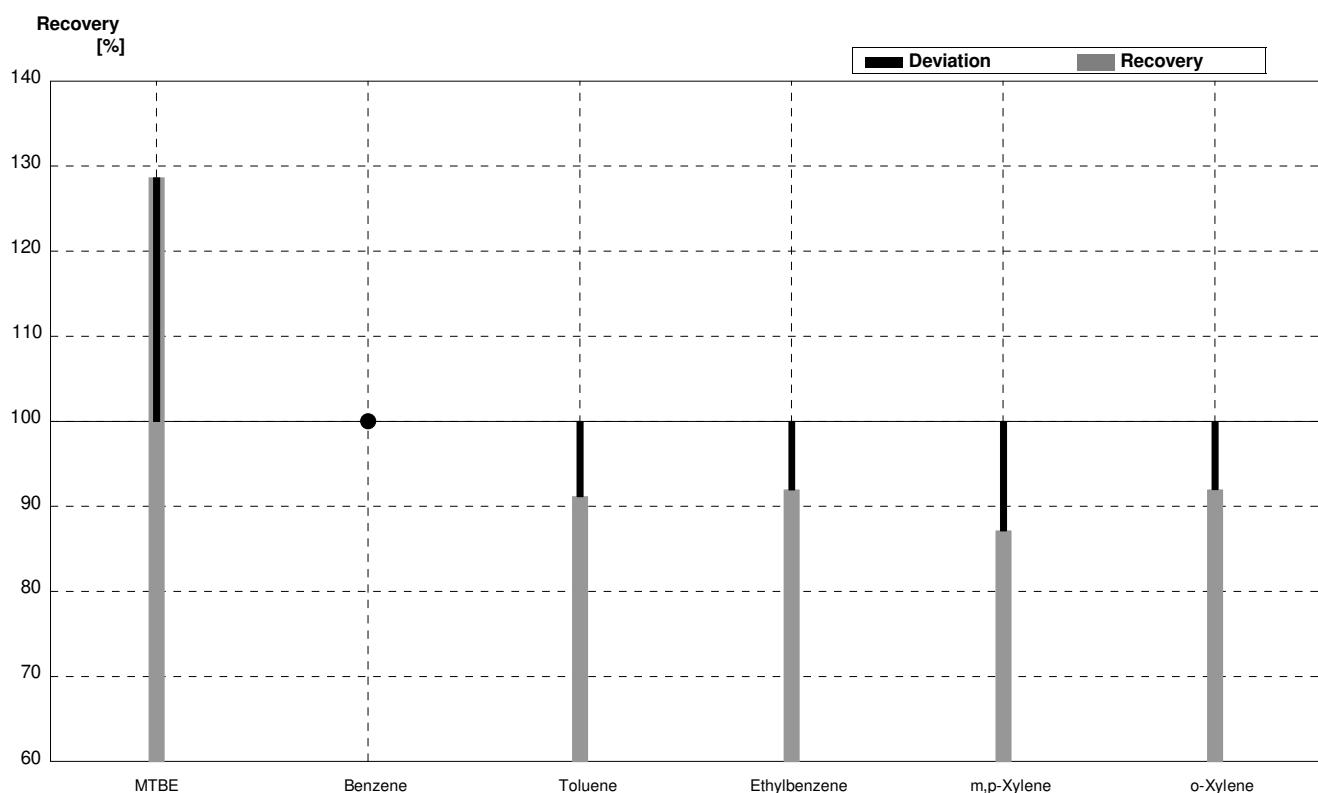
Laboratory N

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,82	0,56	$\mu\text{g/l}$	111%
Tetrachloroethene	2,19	0,11	2,29	0,46	$\mu\text{g/l}$	105%
1,1,1-Trichloroethane	0,17	0,01	0,21	0,04	$\mu\text{g/l}$	124%
Trichloromethane	1,57	0,08	1,50	0,30	$\mu\text{g/l}$	96%
Tetrachloromethane	<0,06		<0,02		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,46	0,89	$\mu\text{g/l}$	122%
Tribromomethane	1,66	0,08	1,56	0,31	$\mu\text{g/l}$	94%
Bromodichloromethane	0,58	0,03	0,60	0,12	$\mu\text{g/l}$	103%
Dibromochloromethane	0,44	0,02	0,45	0,09	$\mu\text{g/l}$	102%
Dichloromethane	6,20	0,31	6,52	1,30	$\mu\text{g/l}$	105%
1,2-Dichloroethane	0,47	0,02	0,51	0,10	$\mu\text{g/l}$	109%
cis-1,2-Dichloroethene	2,89	0,14	3,00	0,60	$\mu\text{g/l}$	104%
trans-1,2-Dichloroethene	<0,04		<0,5		$\mu\text{g/l}$	•



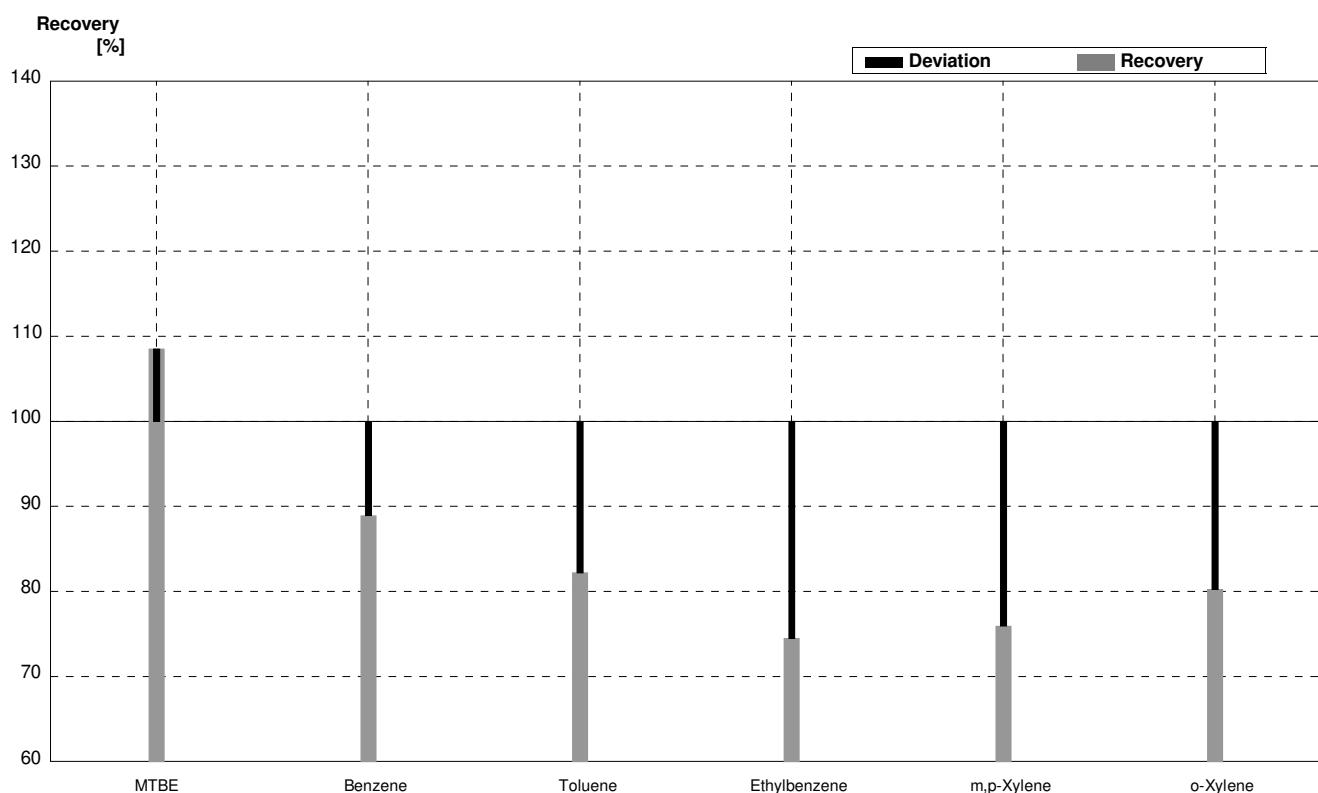
Sample B-CB06A
Laboratory O

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	0,52	0,03	0,669	0,01	µg/L	129%
Benzene	<0,4		<0,1		µg/L	•
Toluene	2,30	0,12	2,097	0,023	µg/L	91%
Ethylbenzene	2,70	0,14	2,483	0,071	µg/L	92%
m,p-Xylene	0,84	0,04	0,732	0,012	µg/L	87%
o-Xylene	1,88	0,09	1,729	0,039	µg/L	92%



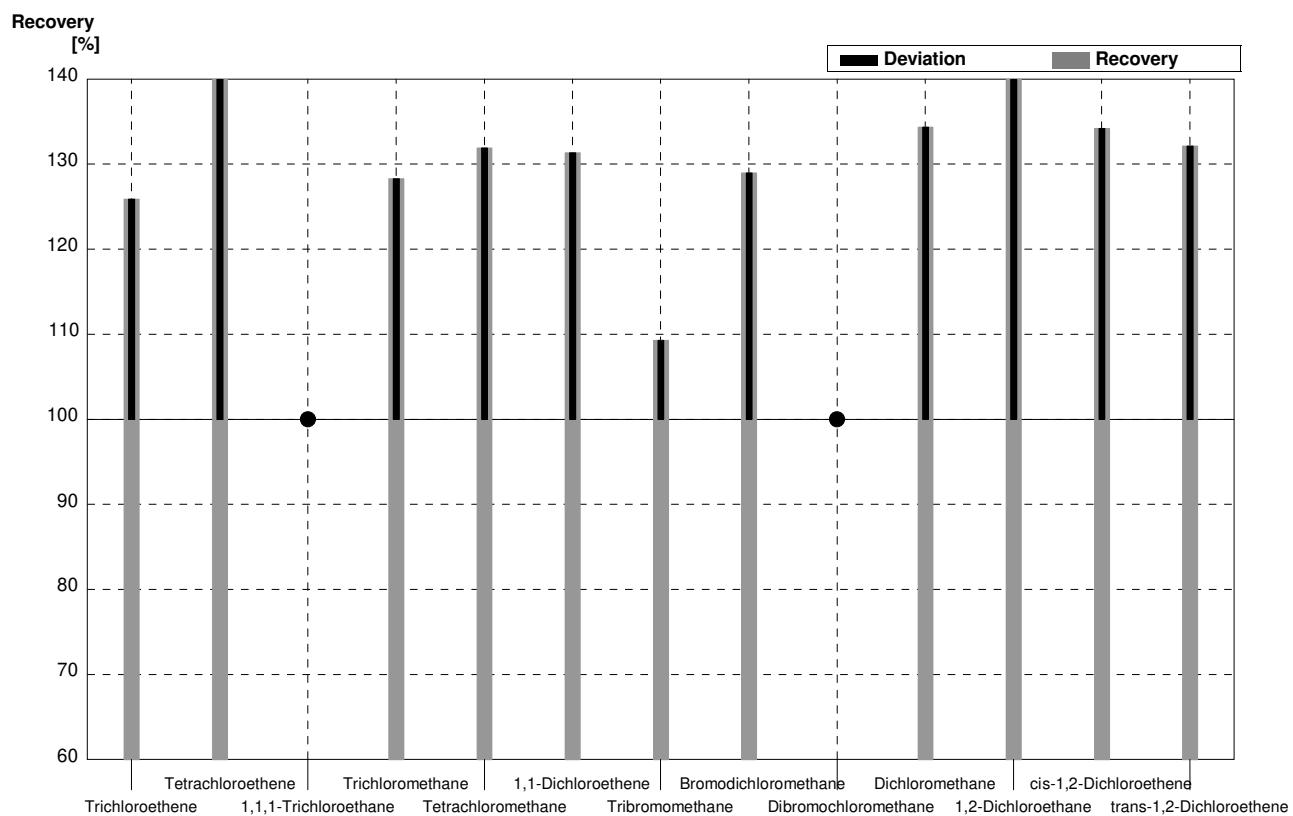
Sample B-CB06B**Laboratory O**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,941	0,168	$\mu\text{g/L}$	109%
Benzene	0,56	0,03	0,498	0,028	$\mu\text{g/L}$	89%
Toluene	1,76	0,09	1,447	0,083	$\mu\text{g/L}$	82%
Ethylbenzene	1,42	0,07	1,058	0,079	$\mu\text{g/L}$	75%
m,p-Xylene	6,48	0,32	4,922	0,389	$\mu\text{g/L}$	76%
o-Xylene	3,86	0,19	3,098	0,236	$\mu\text{g/L}$	80%



Sample C-CB06A
Laboratory O

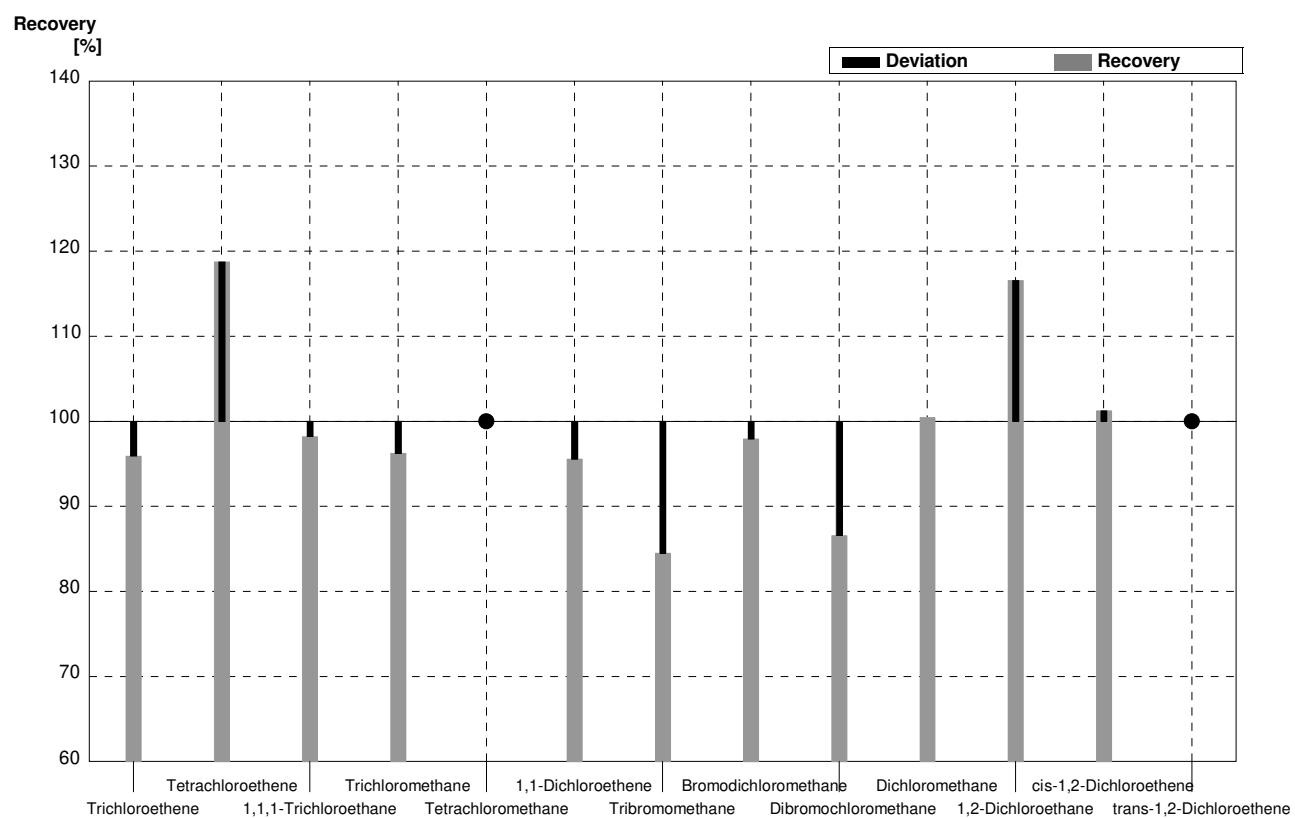
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,813	0,107	$\mu\text{g/l}$	126%
Tetrachloroethene	0,27	0,01	0,426	0,022	$\mu\text{g/l}$	158%
1,1,1-Trichloroethane	<0,08		<0,1		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	4,016	0,199	$\mu\text{g/l}$	128%
Tetrachloromethane	1,04	0,05	1,372	0,019	$\mu\text{g/l}$	132%
1,1-Dichloroethene	1,47	0,07	1,931	0,028	$\mu\text{g/l}$	131%
Tribromomethane	0,86	0,04	0,940	0,070	$\mu\text{g/l}$	109%
Bromodichloromethane	1,78	0,09	2,296	0,116	$\mu\text{g/l}$	129%
Dibromochloromethane	<0,1		<0,1		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	3,521	0,280	$\mu\text{g/l}$	134%
1,2-Dichloroethane	1,40	0,07	1,973	0,206	$\mu\text{g/l}$	141%
cis-1,2-Dichloroethene	1,47	0,07	1,973	0,160	$\mu\text{g/l}$	134%
trans-1,2-Dichloroethene	2,38	0,12	3,145	0,114	$\mu\text{g/l}$	132%



Sample C-CB06B

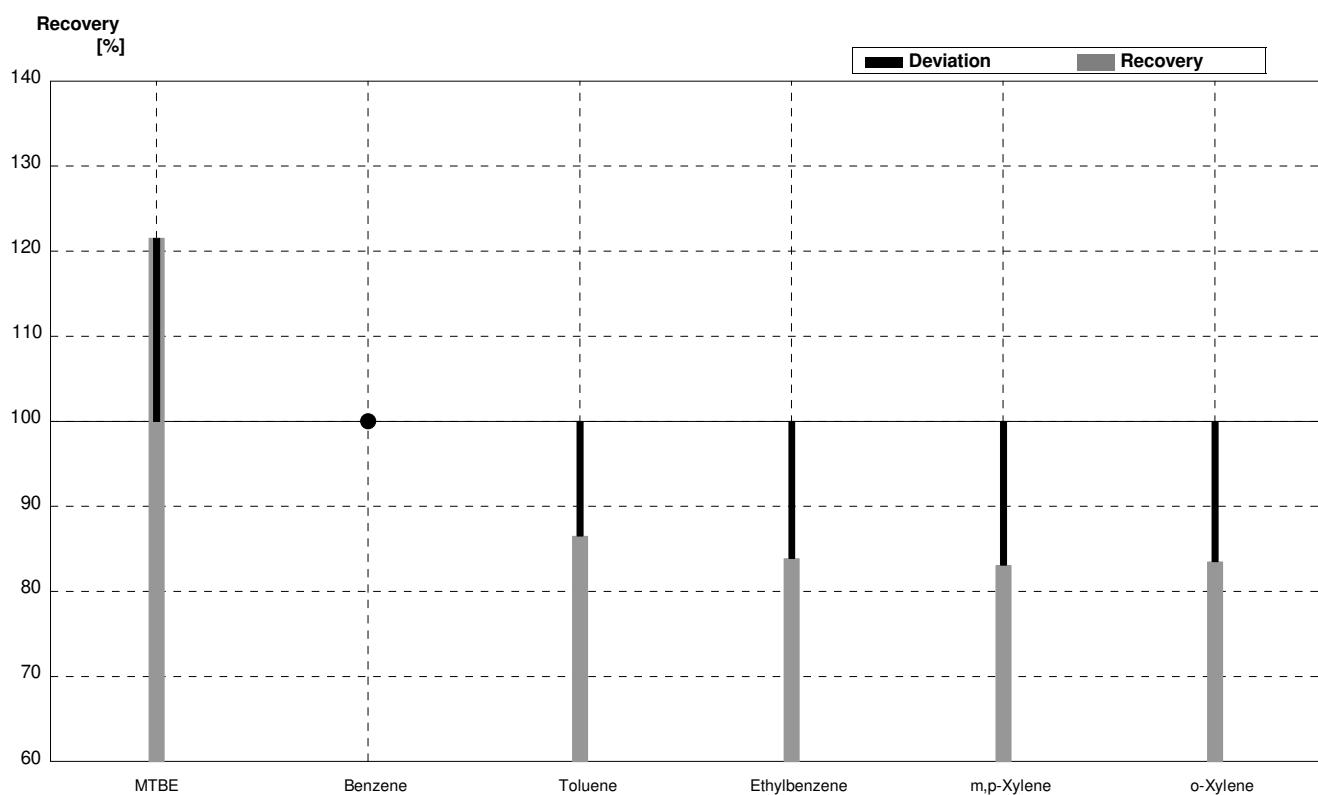
Laboratory O

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	2,55	0,13	2,446	0,253	µg/l	96%
Tetrachloroethene	2,19	0,11	2,601	0,198	µg/l	119%
1,1,1-Trichloroethane	0,17	0,01	0,167	0,016	µg/l	98%
Trichloromethane	1,57	0,08	1,511	0,161	µg/l	96%
Tetrachloromethane	<0,06		<0,1		µg/l	•
1,1-Dichloroethene	3,67	0,18	3,507	0,085	µg/l	96%
Tribromomethane	1,66	0,08	1,403	0,340	µg/l	85%
Bromodichloromethane	0,58	0,03	0,568	0,089	µg/l	98%
Dibromochloromethane	0,44	0,02	0,381	0,060	µg/l	87%
Dichloromethane	6,20	0,31	6,230	0,661	µg/l	100%
1,2-Dichloroethane	0,47	0,02	0,548	0,068	µg/l	117%
cis-1,2-Dichloroethene	2,89	0,14	2,927	0,311	µg/l	101%
trans-1,2-Dichloroethene	<0,04		<0,1		µg/l	•



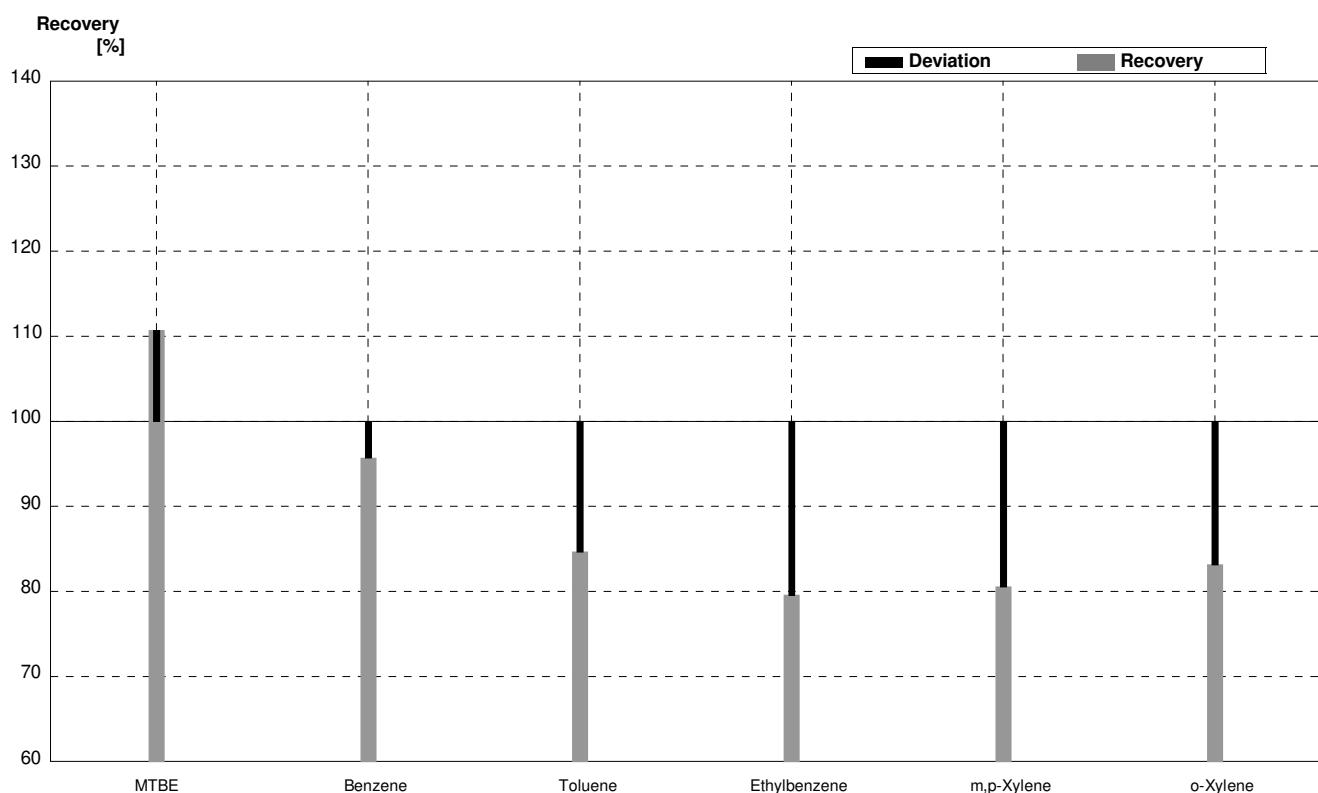
Sample B-CB06A**Laboratory P**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,632	0,120	$\mu\text{g/L}$	122%
Benzene	<0,4		<0,050	0,012	$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,990	0,577	$\mu\text{g/L}$	87%
Ethylbenzene	2,70	0,14	2,265	0,521	$\mu\text{g/L}$	84%
m,p-Xylene	0,84	0,04	0,698	0,216	$\mu\text{g/L}$	83%
o-Xylene	1,88	0,09	1,570	0,377	$\mu\text{g/L}$	84%



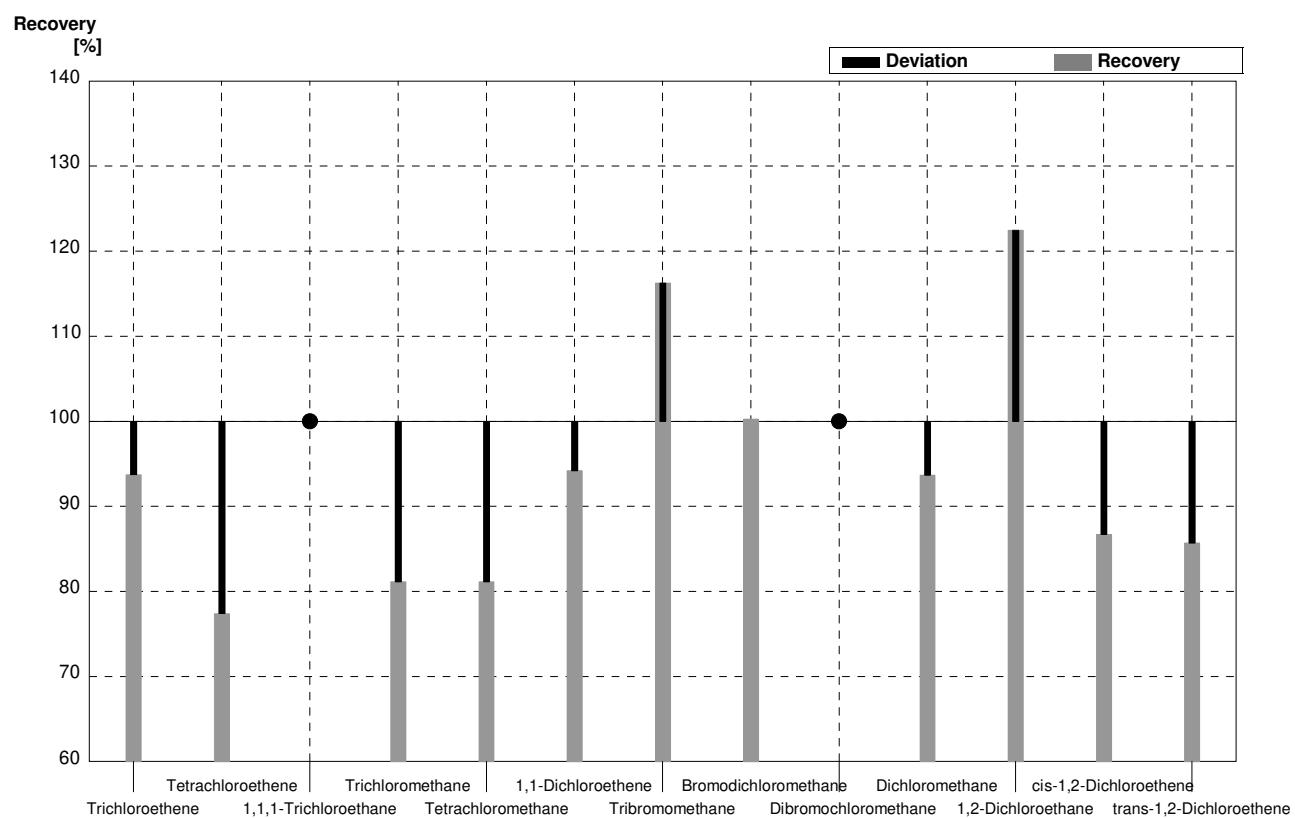
Sample B-CB06B**Laboratory P**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	3,000	0,570	$\mu\text{g/L}$	111%
Benzene	0,56	0,03	0,536	0,123	$\mu\text{g/L}$	96%
Toluene	1,76	0,09	1,490	0,432	$\mu\text{g/L}$	85%
Ethylbenzene	1,42	0,07	1,130	0,260	$\mu\text{g/L}$	80%
m,p-Xylene	6,48	0,32	5,220	1,618	$\mu\text{g/L}$	81%
o-Xylene	3,86	0,19	3,210	0,770	$\mu\text{g/L}$	83%



Sample C-CB06A**Laboratory P**

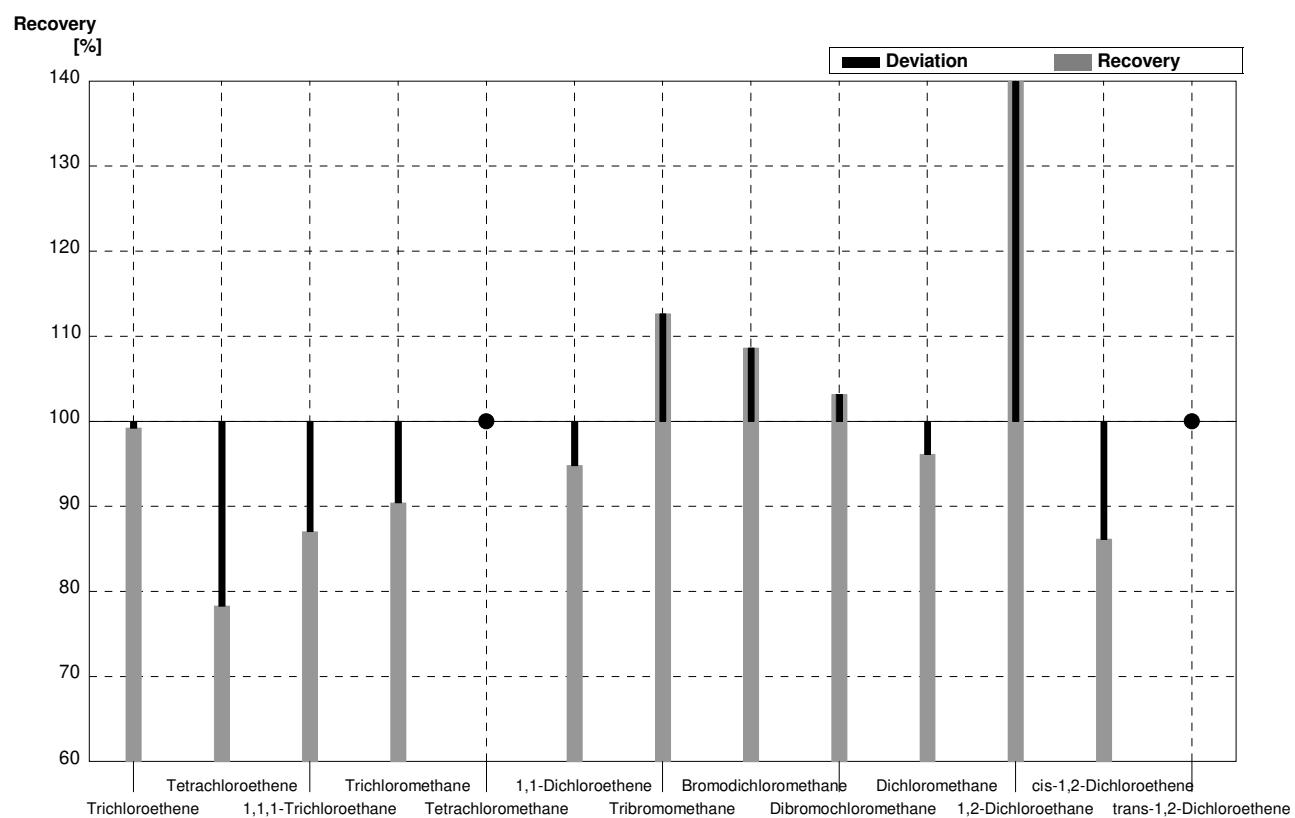
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,350	0,446	$\mu\text{g/l}$	94%
Tetrachloroethene	0,27	0,01	0,209	0,069	$\mu\text{g/l}$	77%
1,1,1-Trichloroethane	<0,08		<0,050	0,011	$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,540	0,686	$\mu\text{g/l}$	81%
Tetrachloromethane	1,04	0,05	0,844	0,160	$\mu\text{g/l}$	81%
1,1-Dichloroethene	1,47	0,07	1,385	0,222	$\mu\text{g/l}$	94%
Tribromomethane	0,86	0,04	1,000	0,300	$\mu\text{g/l}$	116%
Bromodichloromethane	1,78	0,09	1,785	0,446	$\mu\text{g/l}$	100%
Dibromochloromethane	<0,1		<0,050	0,013	$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,455	0,712	$\mu\text{g/l}$	94%
1,2-Dichloroethane	1,40	0,07	1,715	0,583	$\mu\text{g/l}$	123%
cis-1,2-Dichloroethene	1,47	0,07	1,275	0,293	$\mu\text{g/l}$	87%
trans-1,2-Dichloroethene	2,38	0,12	2,040	0,530	$\mu\text{g/l}$	86%



Sample C-CB06B

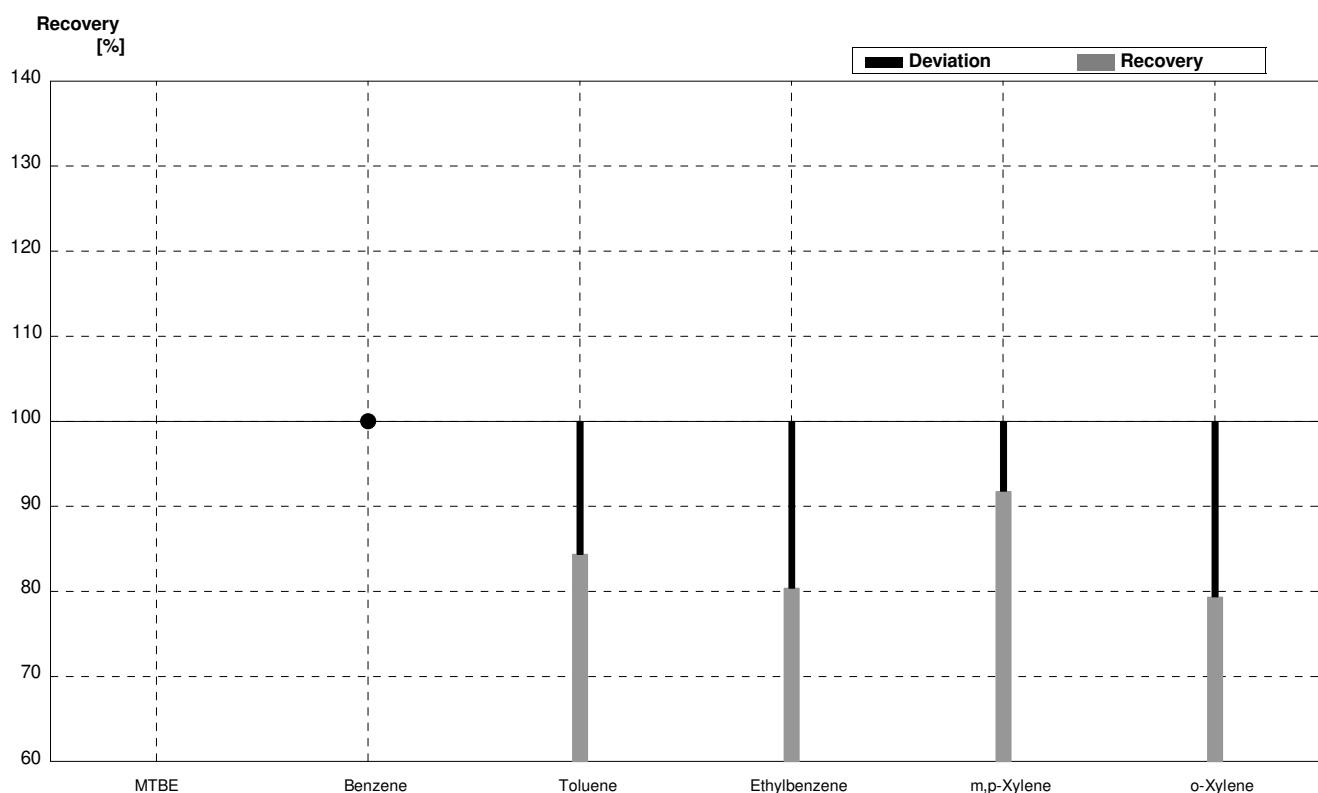
Laboratory P

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,530	0,835	$\mu\text{g/l}$	99%
Tetrachloroethene	2,19	0,11	1,715	0,566	$\mu\text{g/l}$	78%
1,1,1-Trichloroethane	0,17	0,01	0,148	0,033	$\mu\text{g/l}$	87%
Trichloromethane	1,57	0,08	1,420	0,383	$\mu\text{g/l}$	90%
Tetrachloromethane	<0,06		<0,050	0,010	$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,480	0,557	$\mu\text{g/l}$	95%
Tribromomethane	1,66	0,08	1,870	0,561	$\mu\text{g/l}$	113%
Bromodichloromethane	0,58	0,03	0,630	0,158	$\mu\text{g/l}$	109%
Dibromochloromethane	0,44	0,02	0,454	0,118	$\mu\text{g/l}$	103%
Dichloromethane	6,20	0,31	5,960	1,728	$\mu\text{g/l}$	96%
1,2-Dichloroethane	0,47	0,02	0,668	0,227	$\mu\text{g/l}$	142%
cis-1,2-Dichloroethene	2,89	0,14	2,490	0,573	$\mu\text{g/l}$	86%
trans-1,2-Dichloroethene	<0,04		<0,080	0,021	$\mu\text{g/l}$	•



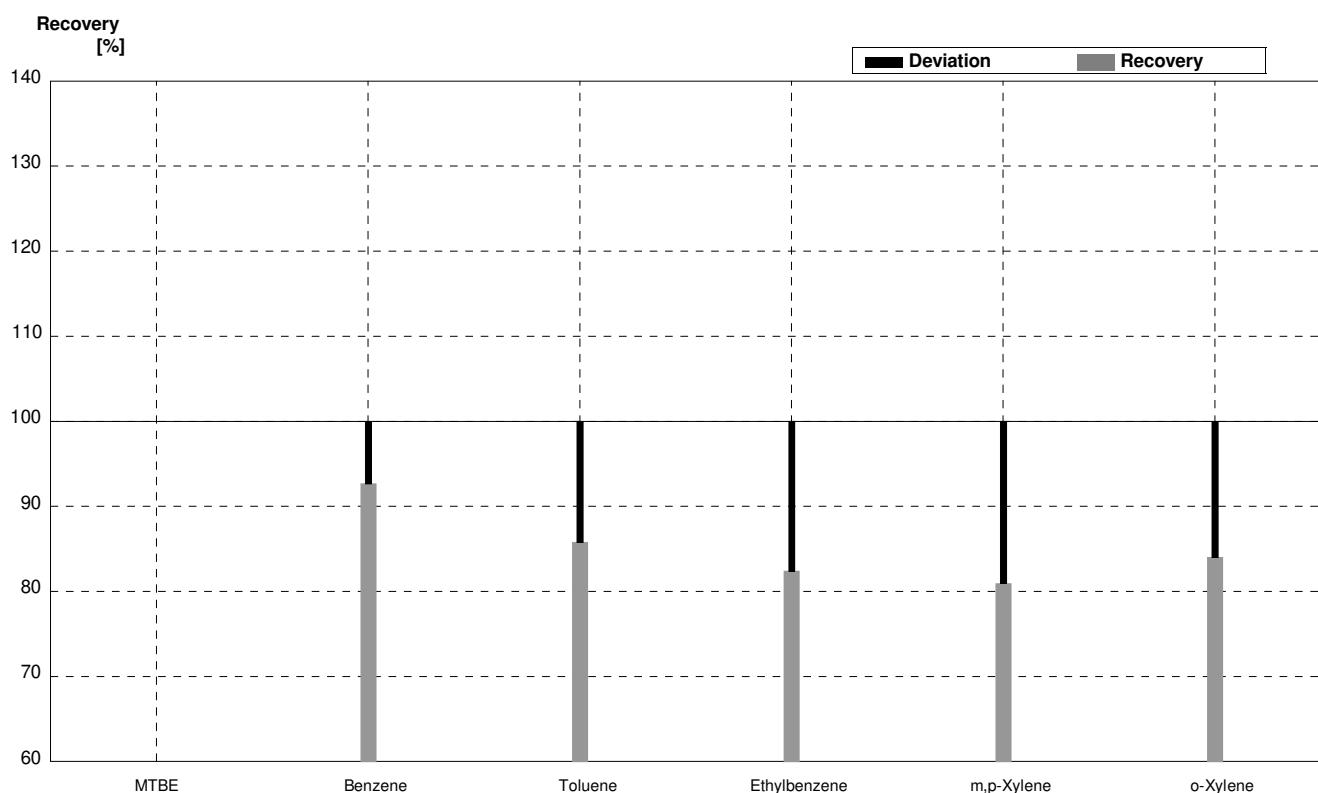
Sample B-CB06A
Laboratory Q

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	0,52	0,03			µg/L	
Benzene	<0,4		<0,1		µg/L	•
Toluene	2,30	0,12	1,941	0,485	µg/L	84%
Ethylbenzene	2,70	0,14	2,171	0,543	µg/L	80%
m,p-Xylene	0,84	0,04	0,771	0,193	µg/L	92%
o-Xylene	1,88	0,09	1,492	0,373	µg/L	79%



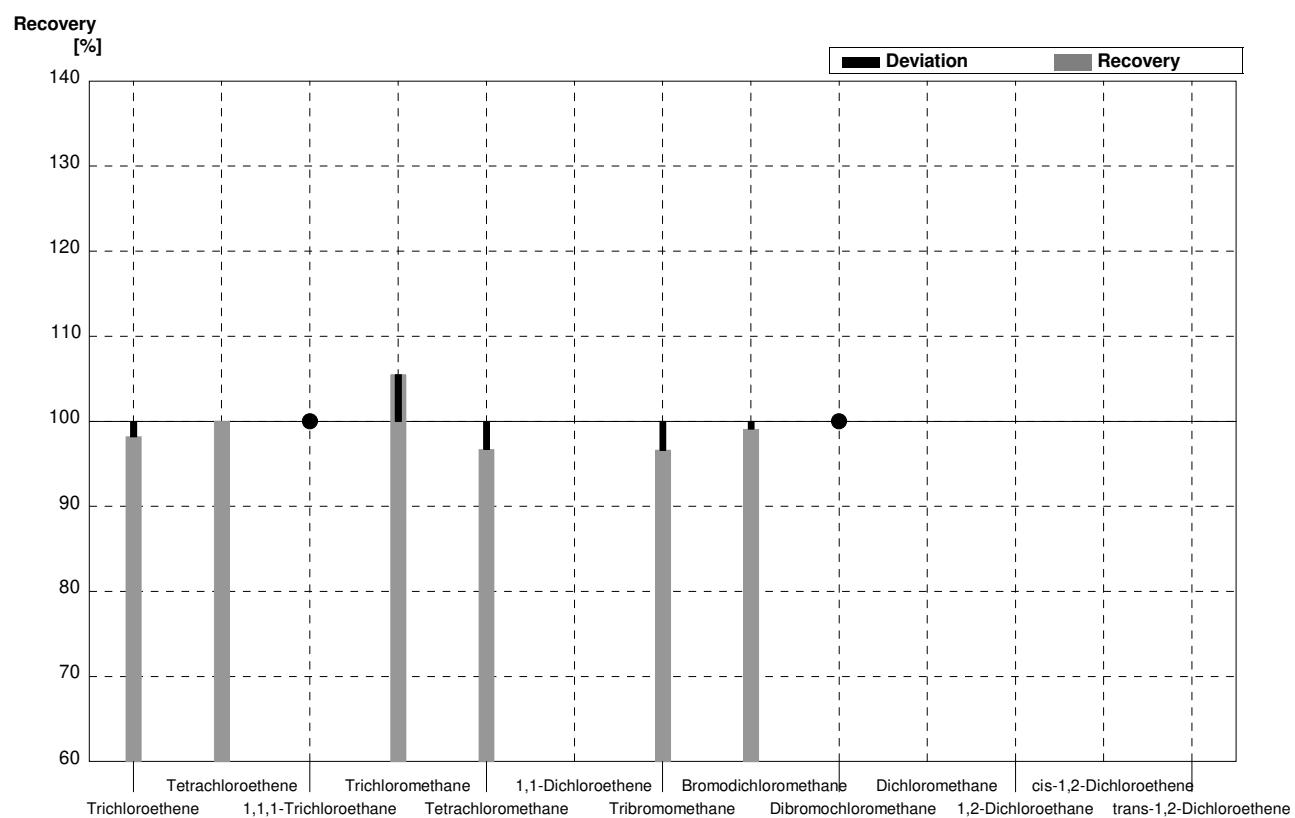
Sample B-CB06B**Laboratory Q**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14			$\mu\text{g/L}$	
Benzene	0,56	0,03	0,519	0,130	$\mu\text{g/L}$	93%
Toluene	1,76	0,09	1,510	0,378	$\mu\text{g/L}$	86%
Ethylbenzene	1,42	0,07	1,170	0,293	$\mu\text{g/L}$	82%
m,p-Xylene	6,48	0,32	5,246	1,312	$\mu\text{g/L}$	81%
o-Xylene	3,86	0,19	3,243	0,811	$\mu\text{g/L}$	84%



Sample C-CB06A
Laboratory Q

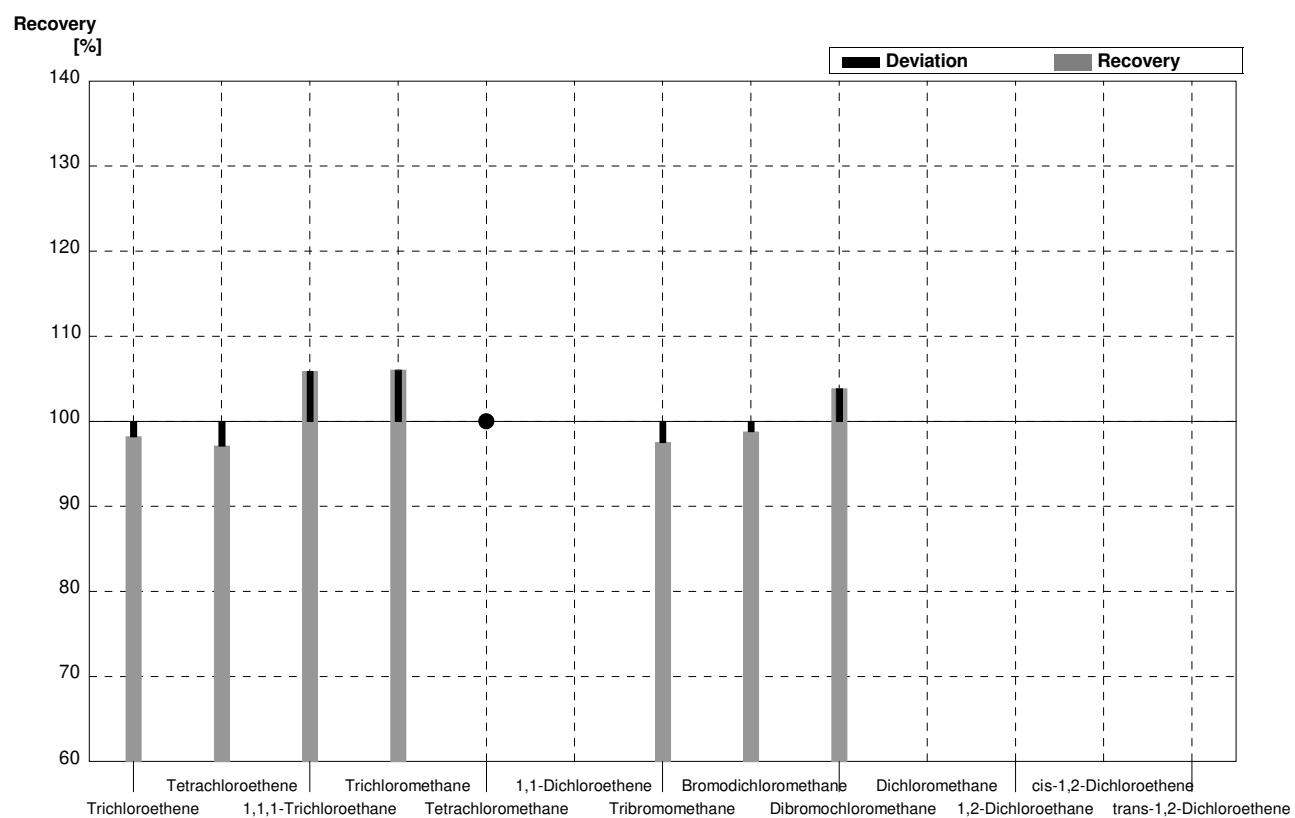
Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	1,44	0,07	1,414	0,255	µg/l	98%
Tetrachloroethene	0,27	0,01	0,270	0,103	µg/l	100%
1,1,1-Trichloroethane	<0,08		<0,1		µg/l	•
Trichloromethane	3,13	0,16	3,303	0,661	µg/l	106%
Tetrachloromethane	1,04	0,05	1,006	0,221	µg/l	97%
1,1-Dichloroethene	1,47	0,07			µg/l	
Tribromomethane	0,86	0,04	0,831	0,199	µg/l	97%
Bromodichloromethane	1,78	0,09	1,764	0,353	µg/l	99%
Dibromochloromethane	<0,1		<0,1		µg/l	•
Dichloromethane	2,62	0,13			µg/l	
1,2-Dichloroethane	1,40	0,07			µg/l	
cis-1,2-Dichloroethene	1,47	0,07			µg/l	
trans-1,2-Dichloroethene	2,38	0,12			µg/l	



Sample C-CB06B

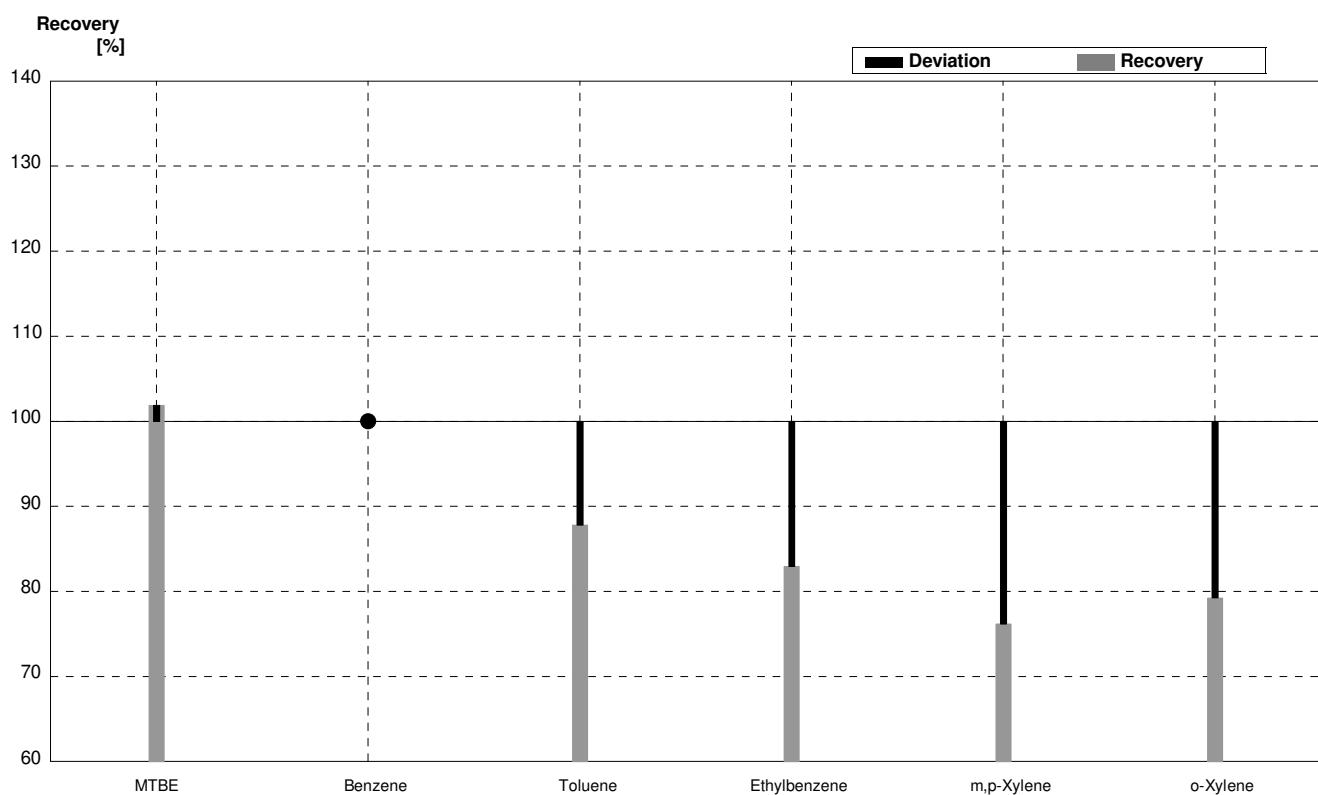
Laboratory Q

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,504	0,426	$\mu\text{g/l}$	98%
Tetrachloroethene	2,19	0,11	2,127	0,320	$\mu\text{g/l}$	97%
1,1,1-Trichloroethane	0,17	0,01	0,180	0,031	$\mu\text{g/l}$	106%
Trichloromethane	1,57	0,08	1,665	0,333	$\mu\text{g/l}$	106%
Tetrachloromethane	<0,06		<0,1		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18			$\mu\text{g/l}$	
Tribromomethane	1,66	0,08	1,619	0,372	$\mu\text{g/l}$	98%
Bromodichloromethane	0,58	0,03	0,573	0,120	$\mu\text{g/l}$	99%
Dibromochloromethane	0,44	0,02	0,457	0,091	$\mu\text{g/l}$	104%
Dichloromethane	6,20	0,31			$\mu\text{g/l}$	
1,2-Dichloroethane	0,47	0,02			$\mu\text{g/l}$	
cis-1,2-Dichloroethene	2,89	0,14			$\mu\text{g/l}$	
trans-1,2-Dichloroethene	<0,04				$\mu\text{g/l}$	



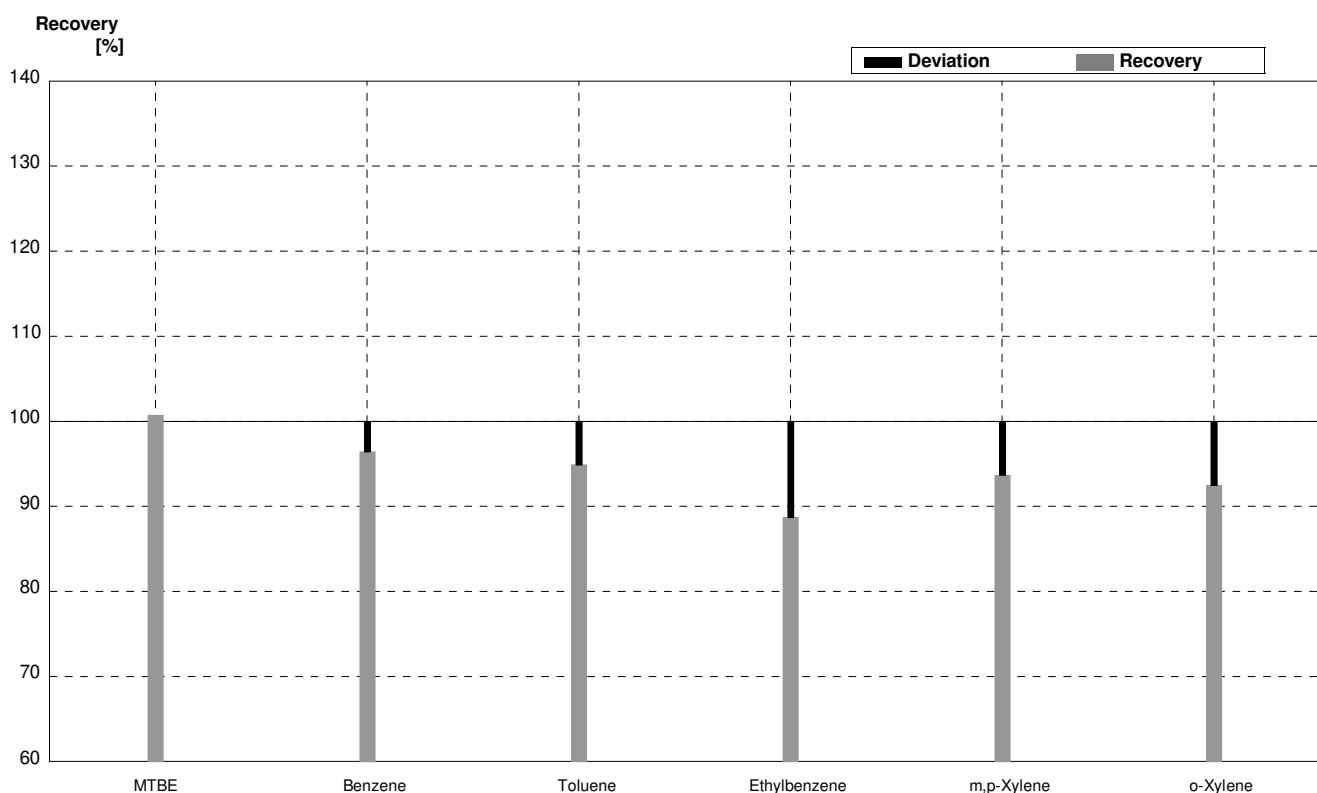
Sample B-CB06A**Laboratory R**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,53	0,11	$\mu\text{g/L}$	102%
Benzene	<0,4		<0,05	0,01	$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,02	0,40	$\mu\text{g/L}$	88%
Ethylbenzene	2,70	0,14	2,24	0,45	$\mu\text{g/L}$	83%
m,p-Xylene	0,84	0,04	0,64	0,13	$\mu\text{g/L}$	76%
o-Xylene	1,88	0,09	1,49	0,30	$\mu\text{g/L}$	79%



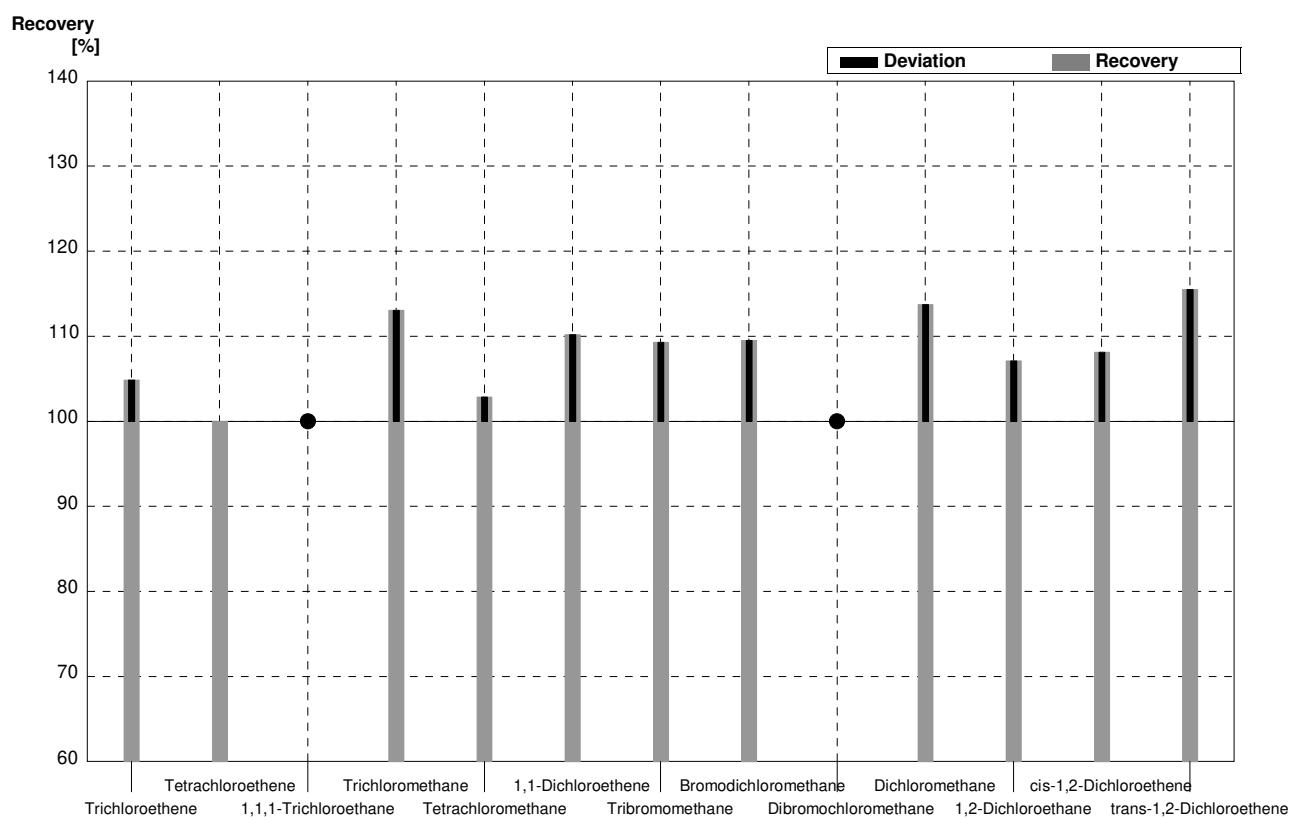
Sample B-CB06B**Laboratory R**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,73	0,55	$\mu\text{g/L}$	101%
Benzene	0,56	0,03	0,54	0,11	$\mu\text{g/L}$	96%
Toluene	1,76	0,09	1,67	0,33	$\mu\text{g/L}$	95%
Ethylbenzene	1,42	0,07	1,26	0,25	$\mu\text{g/L}$	89%
m,p-Xylene	6,48	0,32	6,07	1,21	$\mu\text{g/L}$	94%
o-Xylene	3,86	0,19	3,57	0,71	$\mu\text{g/L}$	92%



Sample C-CB06A**Laboratory R**

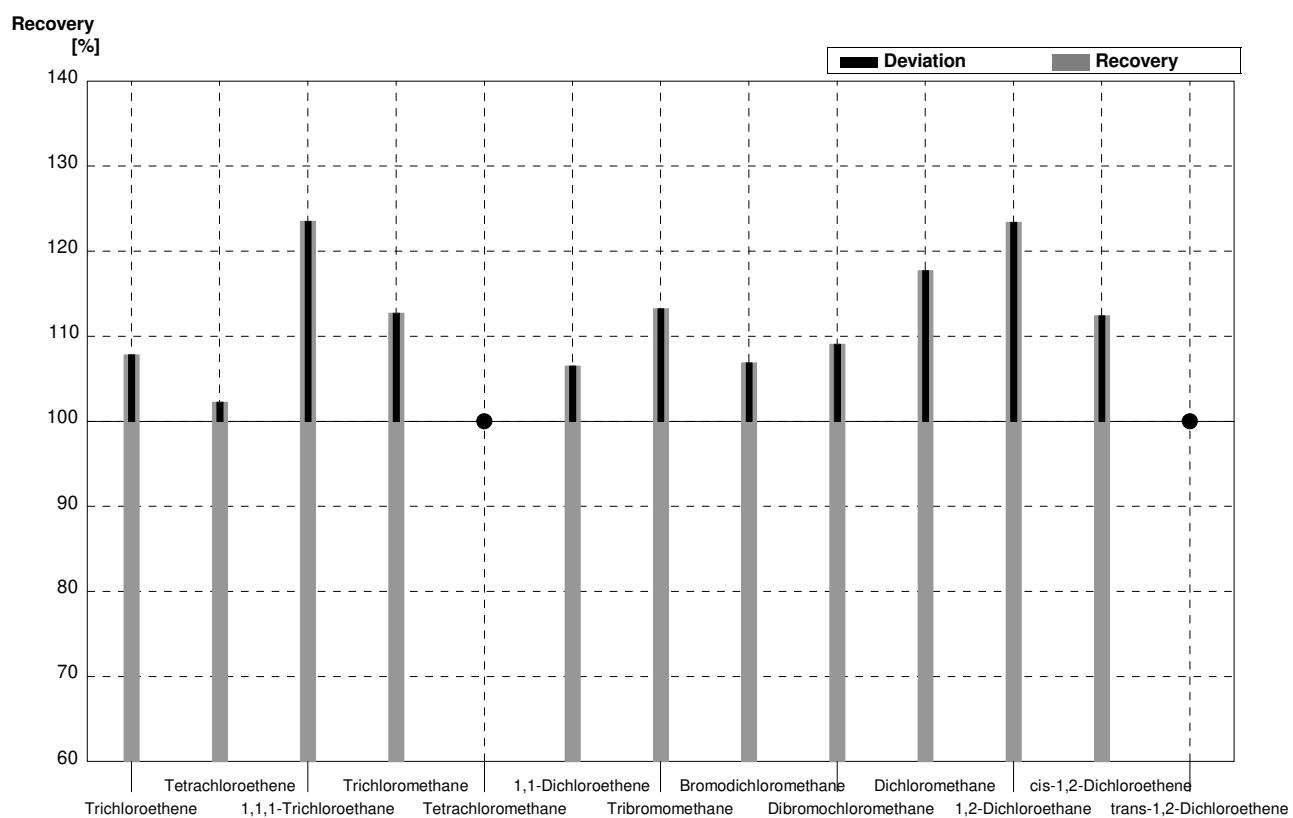
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,51	0,30	$\mu\text{g/l}$	105%
Tetrachloroethene	0,27	0,01	0,27	0,05	$\mu\text{g/l}$	100%
1,1,1-Trichloroethane	<0,08		<0,05	0,01	$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,54	0,71	$\mu\text{g/l}$	113%
Tetrachloromethane	1,04	0,05	1,07	0,21	$\mu\text{g/l}$	103%
1,1-Dichloroethene	1,47	0,07	1,62	0,32	$\mu\text{g/l}$	110%
Tribromomethane	0,86	0,04	0,94	0,19	$\mu\text{g/l}$	109%
Bromodichloromethane	1,78	0,09	1,95	0,39	$\mu\text{g/l}$	110%
Dibromochloromethane	<0,1		<0,05	0,01	$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,98	0,60	$\mu\text{g/l}$	114%
1,2-Dichloroethane	1,40	0,07	1,50	0,30	$\mu\text{g/l}$	107%
cis-1,2-Dichloroethene	1,47	0,07	1,59	0,32	$\mu\text{g/l}$	108%
trans-1,2-Dichloroethene	2,38	0,12	2,75	0,55	$\mu\text{g/l}$	116%



Sample C-CB06B

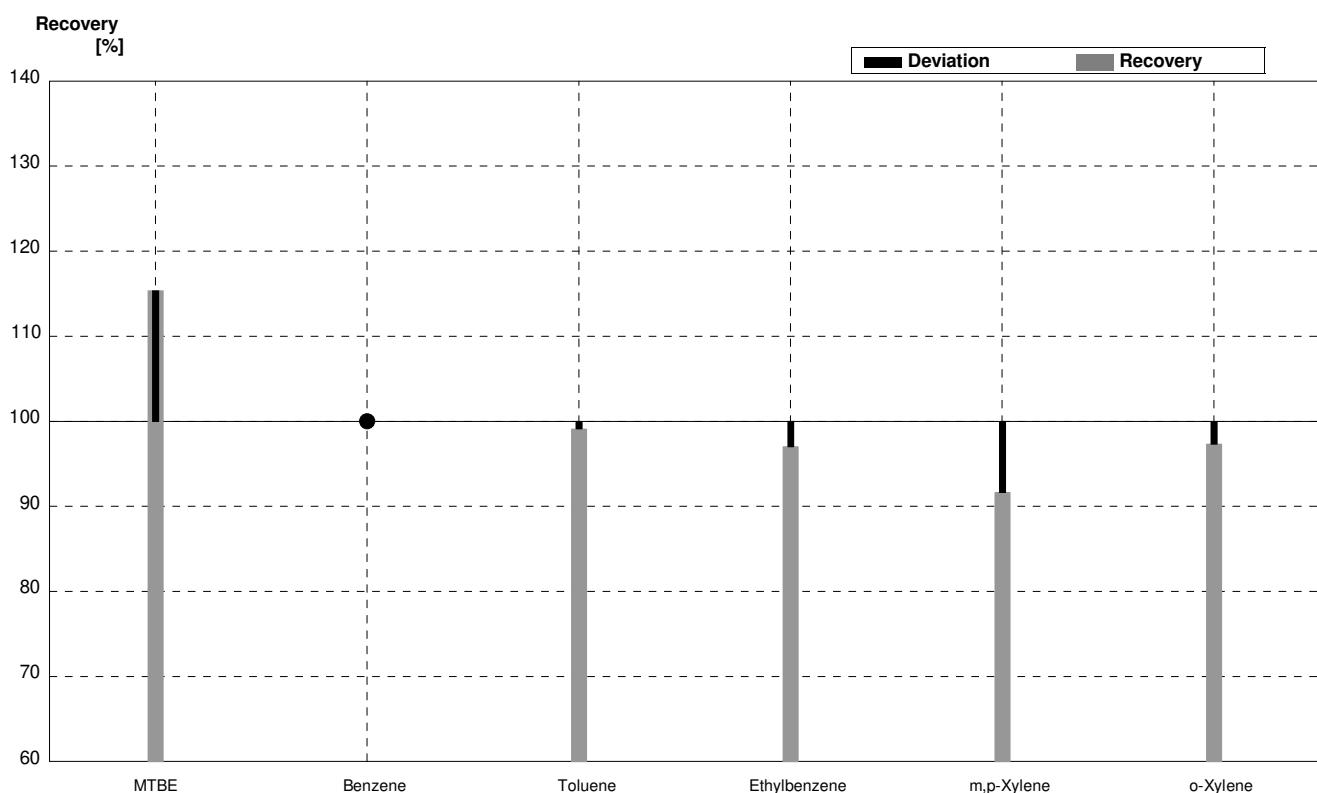
Laboratory R

Parameter	Target value	\pm U ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,75	0,55	$\mu\text{g/l}$	108%
Tetrachloroethene	2,19	0,11	2,24	0,45	$\mu\text{g/l}$	102%
1,1,1-Trichloroethane	0,17	0,01	0,21	0,04	$\mu\text{g/l}$	124%
Trichloromethane	1,57	0,08	1,77	0,35	$\mu\text{g/l}$	113%
Tetrachloromethane	<0,06		<0,05	0,01	$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,91	0,78	$\mu\text{g/l}$	107%
Tribromomethane	1,66	0,08	1,88	0,38	$\mu\text{g/l}$	113%
Bromodichloromethane	0,58	0,03	0,62	0,12	$\mu\text{g/l}$	107%
Dibromochloromethane	0,44	0,02	0,48	0,10	$\mu\text{g/l}$	109%
Dichloromethane	6,20	0,31	7,30	1,46	$\mu\text{g/l}$	118%
1,2-Dichloroethane	0,47	0,02	0,58	0,12	$\mu\text{g/l}$	123%
cis-1,2-Dichloroethene	2,89	0,14	3,25	0,65	$\mu\text{g/l}$	112%
trans-1,2-Dichloroethene	<0,04		<0,05	0,01	$\mu\text{g/l}$	•



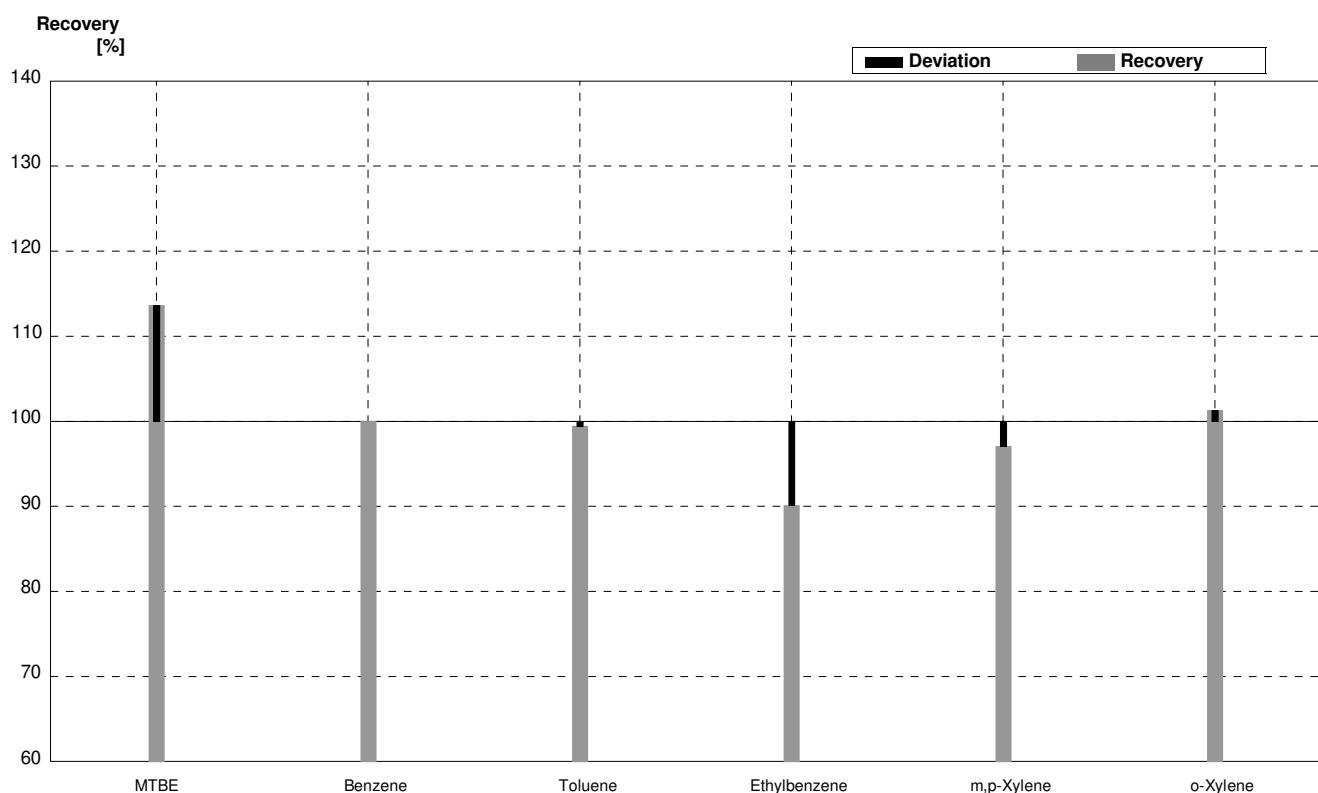
Sample B-CB06A**Laboratory S**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,60	0,11	$\mu\text{g/L}$	115%
Benzene	<0,4		<0,05		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,28	0,41	$\mu\text{g/L}$	99%
Ethylbenzene	2,70	0,14	2,62	0,47	$\mu\text{g/L}$	97%
m,p-Xylene	0,84	0,04	0,77	0,14	$\mu\text{g/L}$	92%
o-Xylene	1,88	0,09	1,83	0,33	$\mu\text{g/L}$	97%



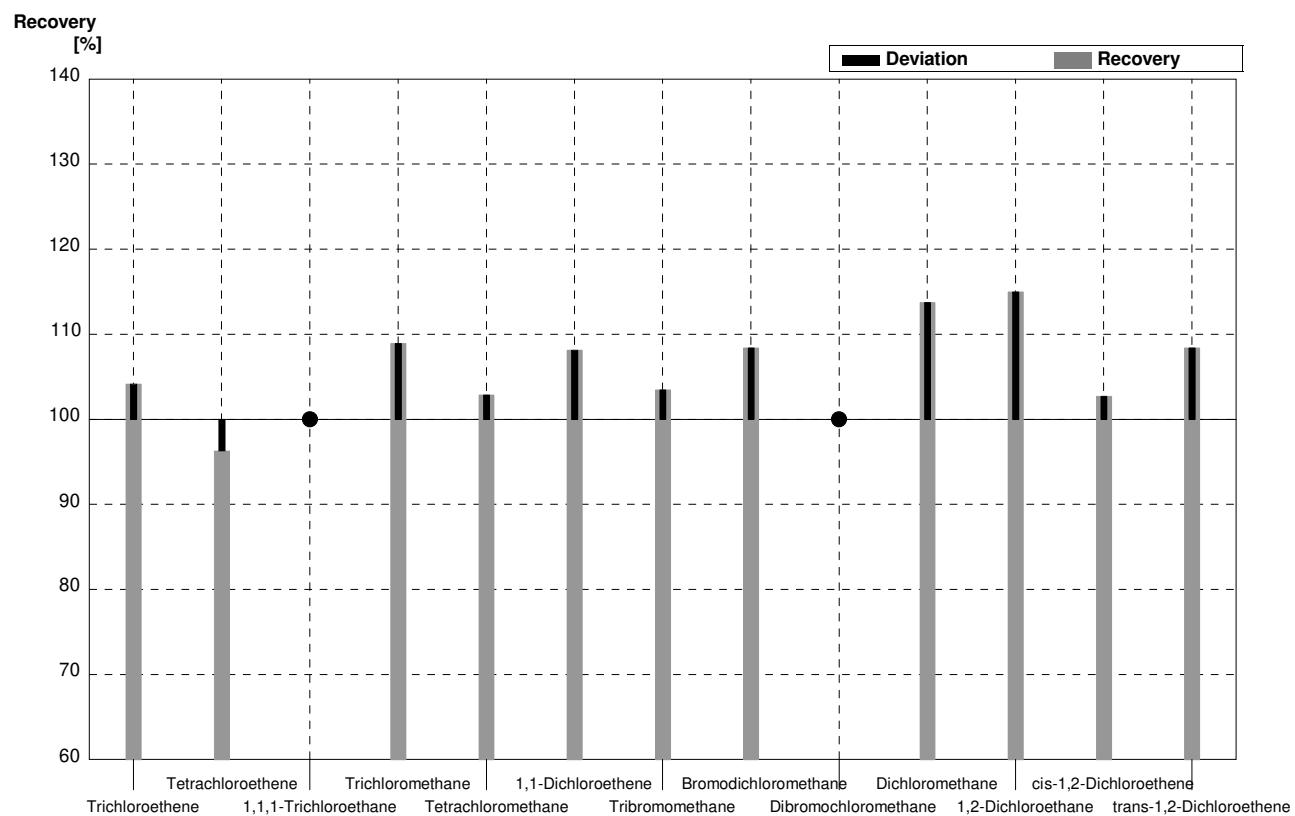
Sample B-CB06B**Laboratory S**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	3,08	0,55	$\mu\text{g/L}$	114%
Benzene	0,56	0,03	0,56	0,10	$\mu\text{g/L}$	100%
Toluene	1,76	0,09	1,75	0,32	$\mu\text{g/L}$	99%
Ethylbenzene	1,42	0,07	1,28	0,23	$\mu\text{g/L}$	90%
m,p-Xylene	6,48	0,32	6,29	1,2	$\mu\text{g/L}$	97%
o-Xylene	3,86	0,19	3,91	0,70	$\mu\text{g/L}$	101%



Sample C-CB06A**Laboratory S**

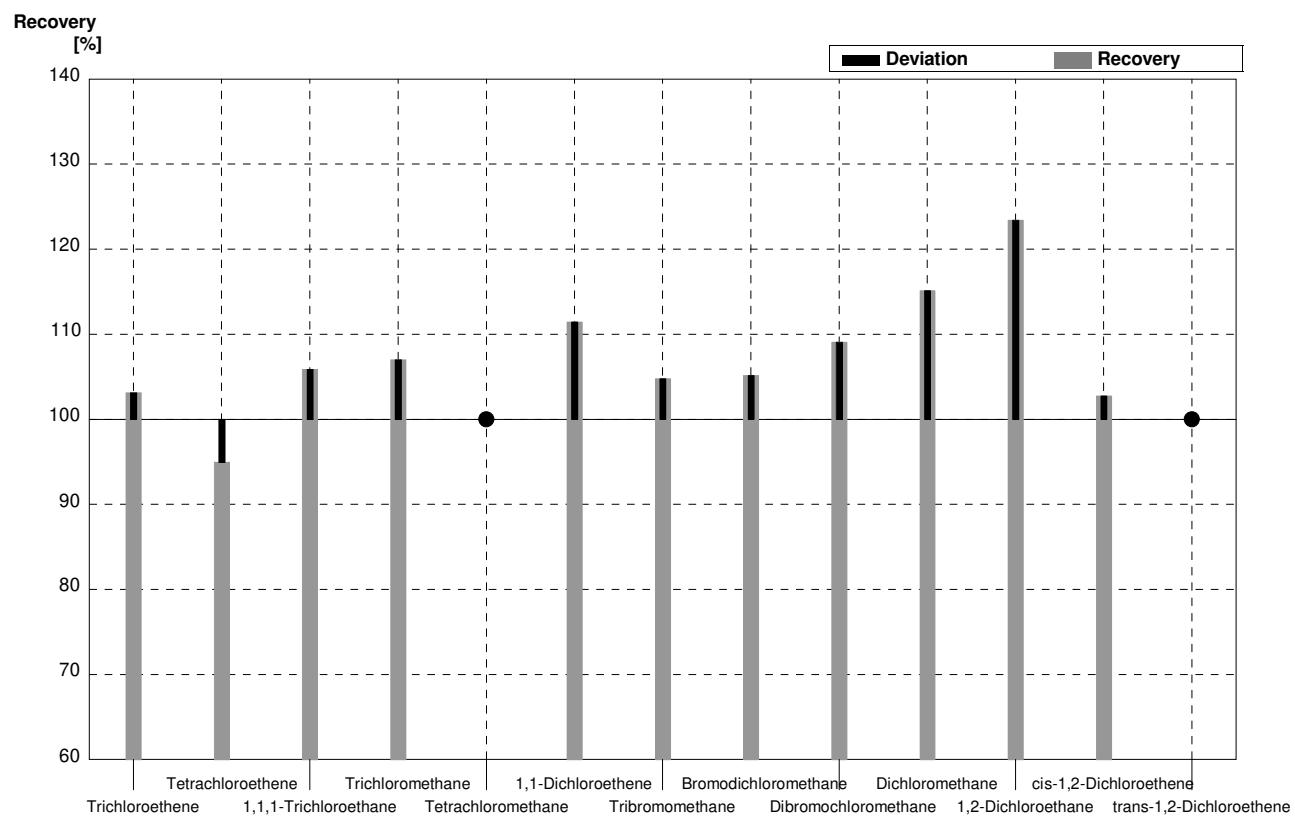
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,50	0,27	$\mu\text{g/l}$	104%
Tetrachloroethene	0,27	0,01	0,26	0,05	$\mu\text{g/l}$	96%
1,1,1-Trichloroethane	<0,08		<0,05		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,41	0,61	$\mu\text{g/l}$	109%
Tetrachloromethane	1,04	0,05	1,07	0,19	$\mu\text{g/l}$	103%
1,1-Dichloroethene	1,47	0,07	1,59	0,29	$\mu\text{g/l}$	108%
Tribromomethane	0,86	0,04	0,89	0,16	$\mu\text{g/l}$	103%
Bromodichloromethane	1,78	0,09	1,93	0,35	$\mu\text{g/l}$	108%
Dibromochloromethane	<0,1		<0,05		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,98	0,54	$\mu\text{g/l}$	114%
1,2-Dichloroethane	1,40	0,07	1,61	0,29	$\mu\text{g/l}$	115%
cis-1,2-Dichloroethene	1,47	0,07	1,51	0,27	$\mu\text{g/l}$	103%
trans-1,2-Dichloroethene	2,38	0,12	2,58	0,46	$\mu\text{g/l}$	108%



Sample C-CB06B

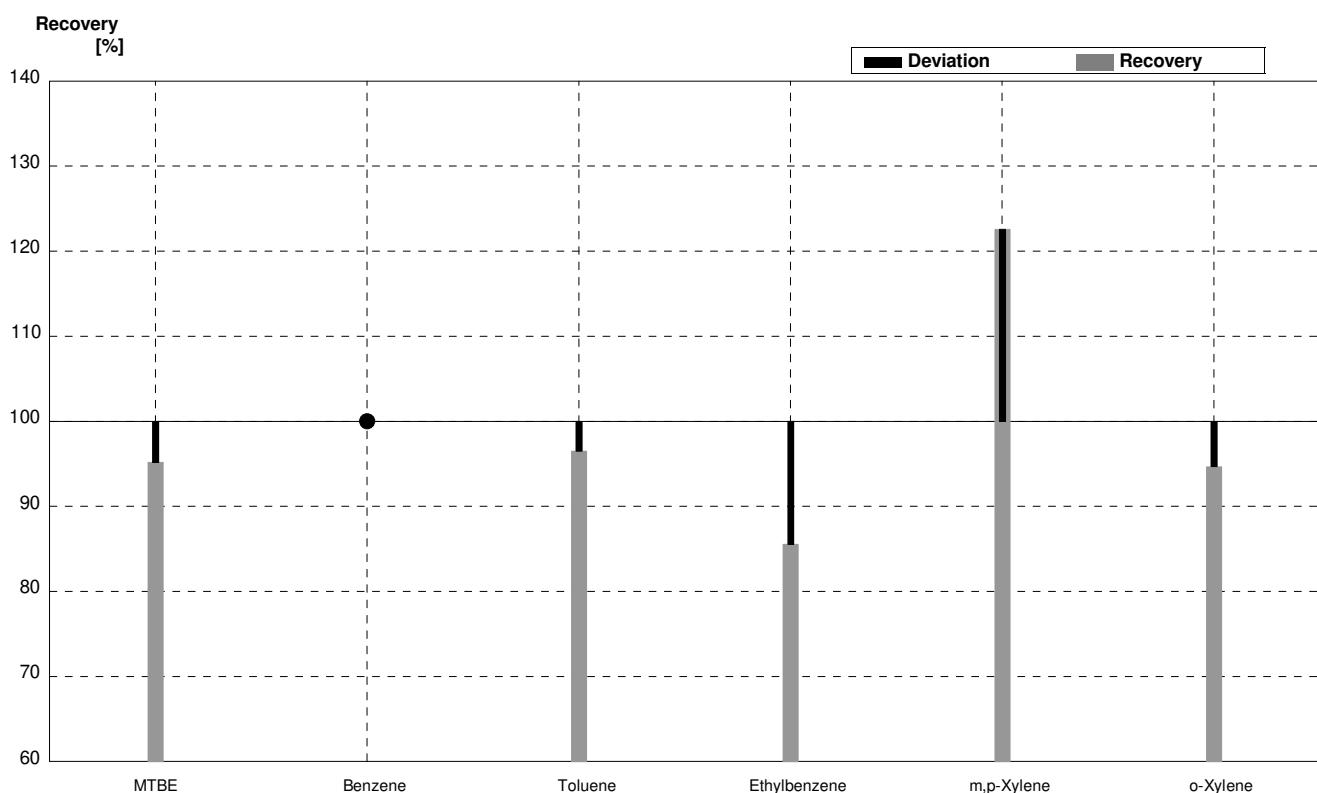
Laboratory S

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	2,55	0,13	2,63	0,47	µg/l	103%
Tetrachloroethene	2,19	0,11	2,08	0,37	µg/l	95%
1,1,1-Trichloroethane	0,17	0,01	0,18	0,03	µg/l	106%
Trichloromethane	1,57	0,08	1,68	0,30	µg/l	107%
Tetrachloromethane	<0,06		<0,05		µg/l	•
1,1-Dichloroethene	3,67	0,18	4,09	0,74	µg/l	111%
Tribromomethane	1,66	0,08	1,74	0,31	µg/l	105%
Bromodichloromethane	0,58	0,03	0,61	0,11	µg/l	105%
Dibromochloromethane	0,44	0,02	0,48	0,09	µg/l	109%
Dichloromethane	6,20	0,31	7,14	1,3	µg/l	115%
1,2-Dichloroethane	0,47	0,02	0,58	0,10	µg/l	123%
cis-1,2-Dichloroethene	2,89	0,14	2,97	0,53	µg/l	103%
trans-1,2-Dichloroethene	<0,04		<0,05		µg/l	•



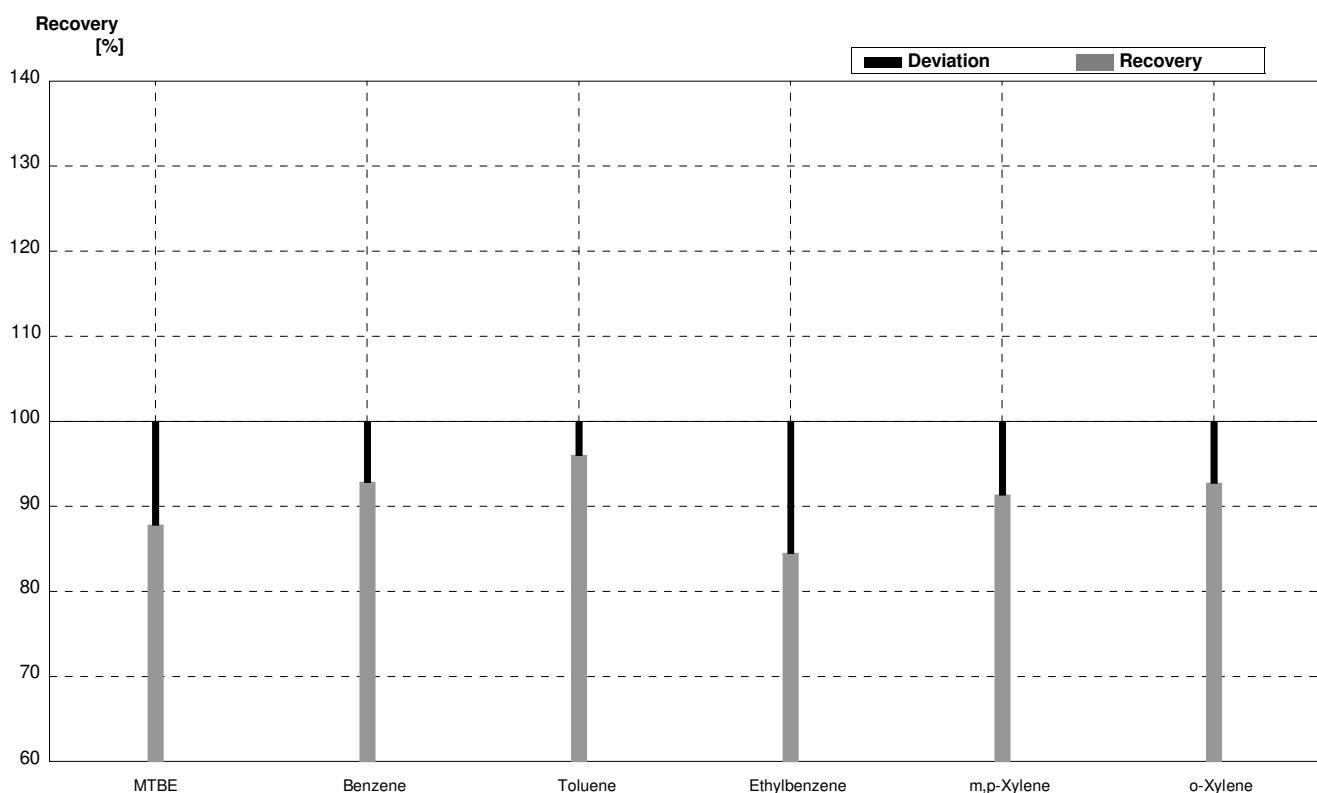
Sample B-CB06A**Laboratory T**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,495	0,005	$\mu\text{g/L}$	95%
Benzene	<0,4		<0,10		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,22	0,153	$\mu\text{g/L}$	97%
Ethylbenzene	2,70	0,14	2,31	0,137	$\mu\text{g/L}$	86%
m,p-Xylene	0,84	0,04	1,03	0,039	$\mu\text{g/L}$	123%
o-Xylene	1,88	0,09	1,78	0,093	$\mu\text{g/L}$	95%



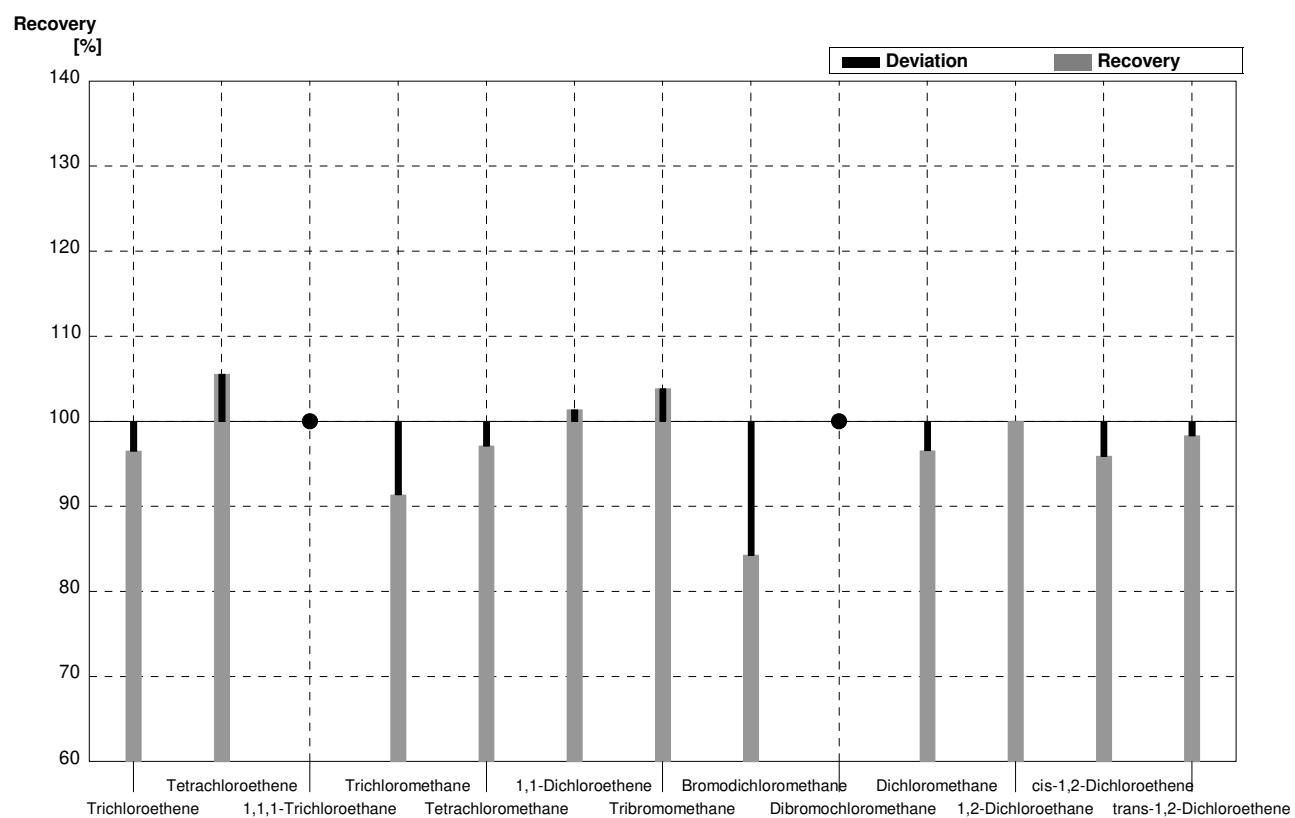
Sample B-CB06B**Laboratory T**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,38	0,050	$\mu\text{g/L}$	88%
Benzene	0,56	0,03	0,520	0,030	$\mu\text{g/L}$	93%
Toluene	1,76	0,09	1,69	0,103	$\mu\text{g/L}$	96%
Ethylbenzene	1,42	0,07	1,20	0,064	$\mu\text{g/L}$	85%
m,p-Xylene	6,48	0,32	5,92	0,295	$\mu\text{g/L}$	91%
o-Xylene	3,86	0,19	3,58	0,158	$\mu\text{g/L}$	93%



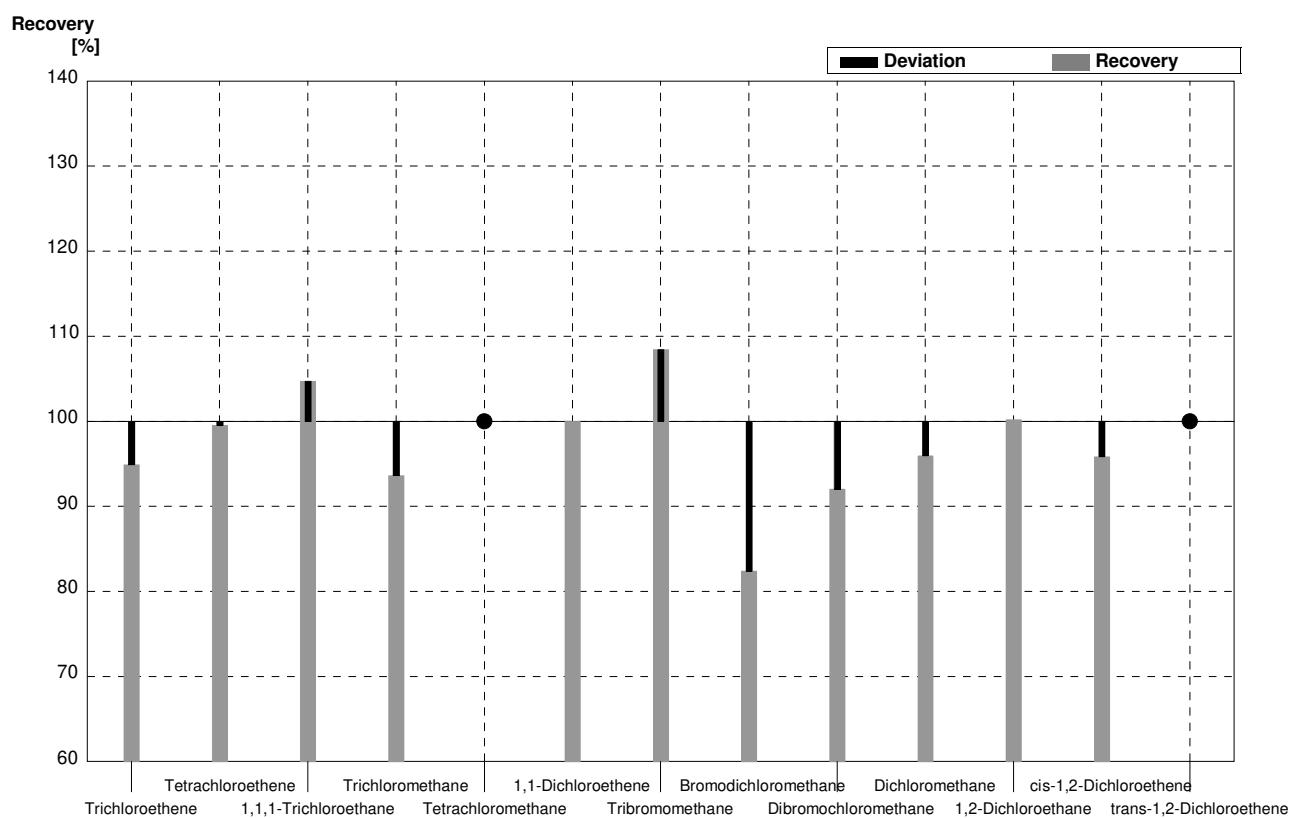
Sample C-CB06A**Laboratory T**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,39	0,016	$\mu\text{g/l}$	97%
Tetrachloroethene	0,27	0,01	0,285	0,006	$\mu\text{g/l}$	106%
1,1,1-Trichloroethane	<0,08		<0,10		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,86	0,016	$\mu\text{g/l}$	91%
Tetrachloromethane	1,04	0,05	1,01	0,012	$\mu\text{g/l}$	97%
1,1-Dichloroethene	1,47	0,07	1,49	0,011	$\mu\text{g/l}$	101%
Tribromomethane	0,86	0,04	0,893	0,026	$\mu\text{g/l}$	104%
Bromodichloromethane	1,78	0,09	1,50	0,021	$\mu\text{g/l}$	84%
Dibromochloromethane	<0,1		<0,10		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,53	0,018	$\mu\text{g/l}$	97%
1,2-Dichloroethane	1,40	0,07	1,40	0,007	$\mu\text{g/l}$	100%
cis-1,2-Dichloroethene	1,47	0,07	1,41	0,006	$\mu\text{g/l}$	96%
trans-1,2-Dichloroethene	2,38	0,12	2,34	0,015	$\mu\text{g/l}$	98%



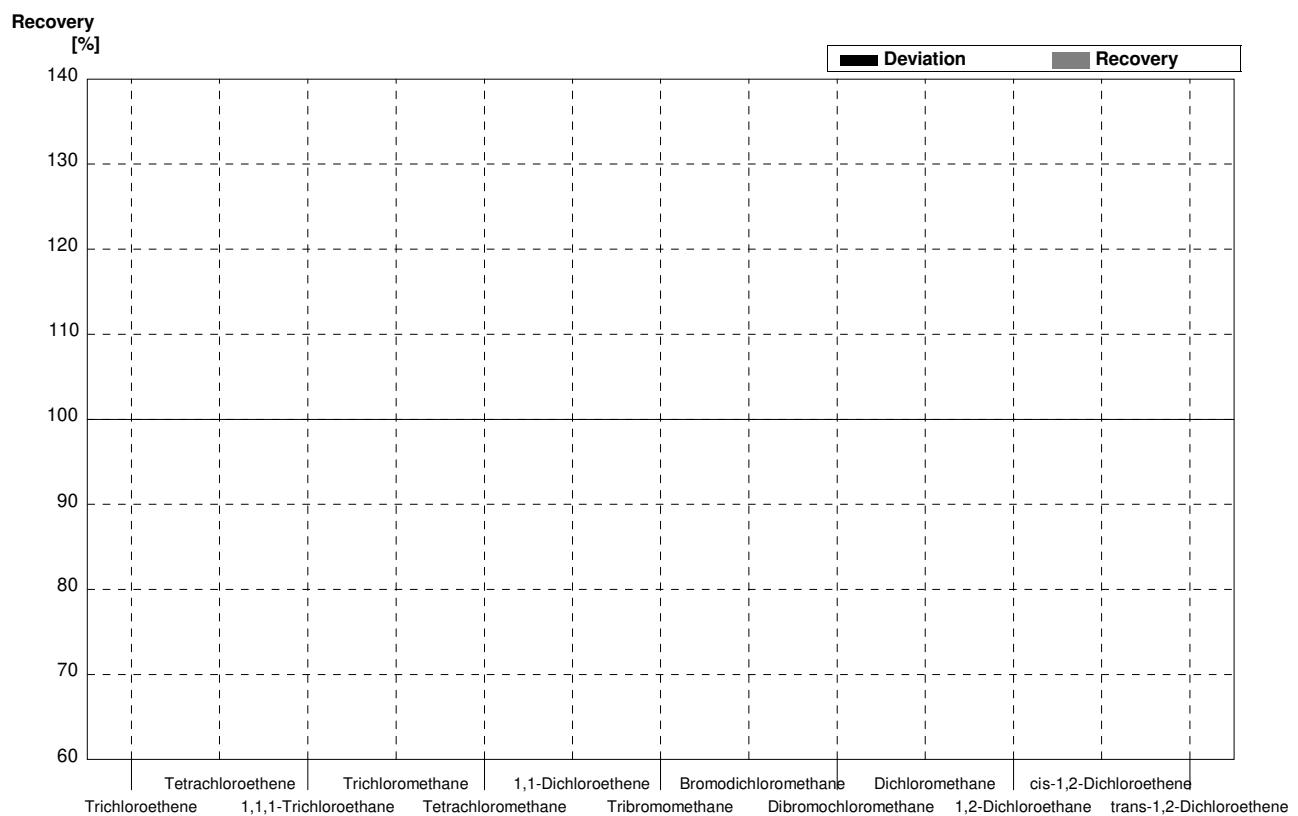
Sample C-CB06B**Laboratory T**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,42	0,024	$\mu\text{g/l}$	95%
Tetrachloroethene	2,19	0,11	2,18	0,038	$\mu\text{g/l}$	100%
1,1,1-Trichloroethane	0,17	0,01	0,178	0,003	$\mu\text{g/l}$	105%
Trichloromethane	1,57	0,08	1,47	0,008	$\mu\text{g/l}$	94%
Tetrachloromethane	<0,06		<0,10		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,67	0,038	$\mu\text{g/l}$	100%
Tribromomethane	1,66	0,08	1,80	0,025	$\mu\text{g/l}$	108%
Bromodichloromethane	0,58	0,03	0,478	0,006	$\mu\text{g/l}$	82%
Dibromochloromethane	0,44	0,02	0,405	0,009	$\mu\text{g/l}$	92%
Dichloromethane	6,20	0,31	5,95	0,036	$\mu\text{g/l}$	96%
1,2-Dichloroethane	0,47	0,02	0,471	0,007	$\mu\text{g/l}$	100%
cis-1,2-Dichloroethene	2,89	0,14	2,77	0,015	$\mu\text{g/l}$	96%
trans-1,2-Dichloroethene	<0,04		<0,10		$\mu\text{g/l}$	•



Sample C-CB06A**Laboratory U**

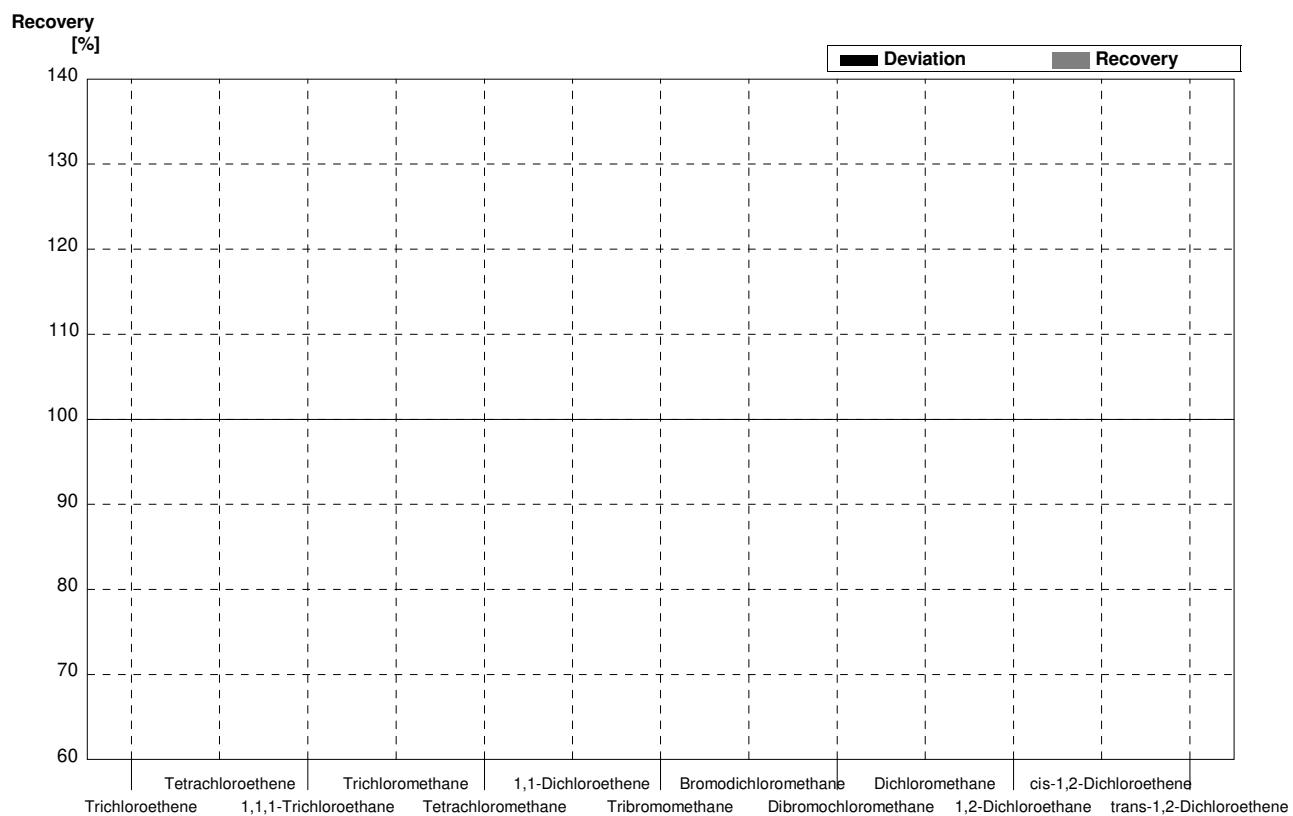
Parameter	Target value	\pm U ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07			$\mu\text{g/l}$	
Tetrachloroethene	0,27	0,01			$\mu\text{g/l}$	
1,1,1-Trichloroethane	<0,08				$\mu\text{g/l}$	
Trichloromethane	3,13	0,16			$\mu\text{g/l}$	
Tetrachloromethane	1,04	0,05			$\mu\text{g/l}$	
1,1-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
Tribromomethane	0,86	0,04			$\mu\text{g/l}$	
Bromodichloromethane	1,78	0,09			$\mu\text{g/l}$	
Dibromochloromethane	<0,1				$\mu\text{g/l}$	
Dichloromethane	2,62	0,13			$\mu\text{g/l}$	
1,2-Dichloroethane	1,40	0,07			$\mu\text{g/l}$	
cis-1,2-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
trans-1,2-Dichloroethene	2,38	0,12			$\mu\text{g/l}$	



Sample C-CB06B

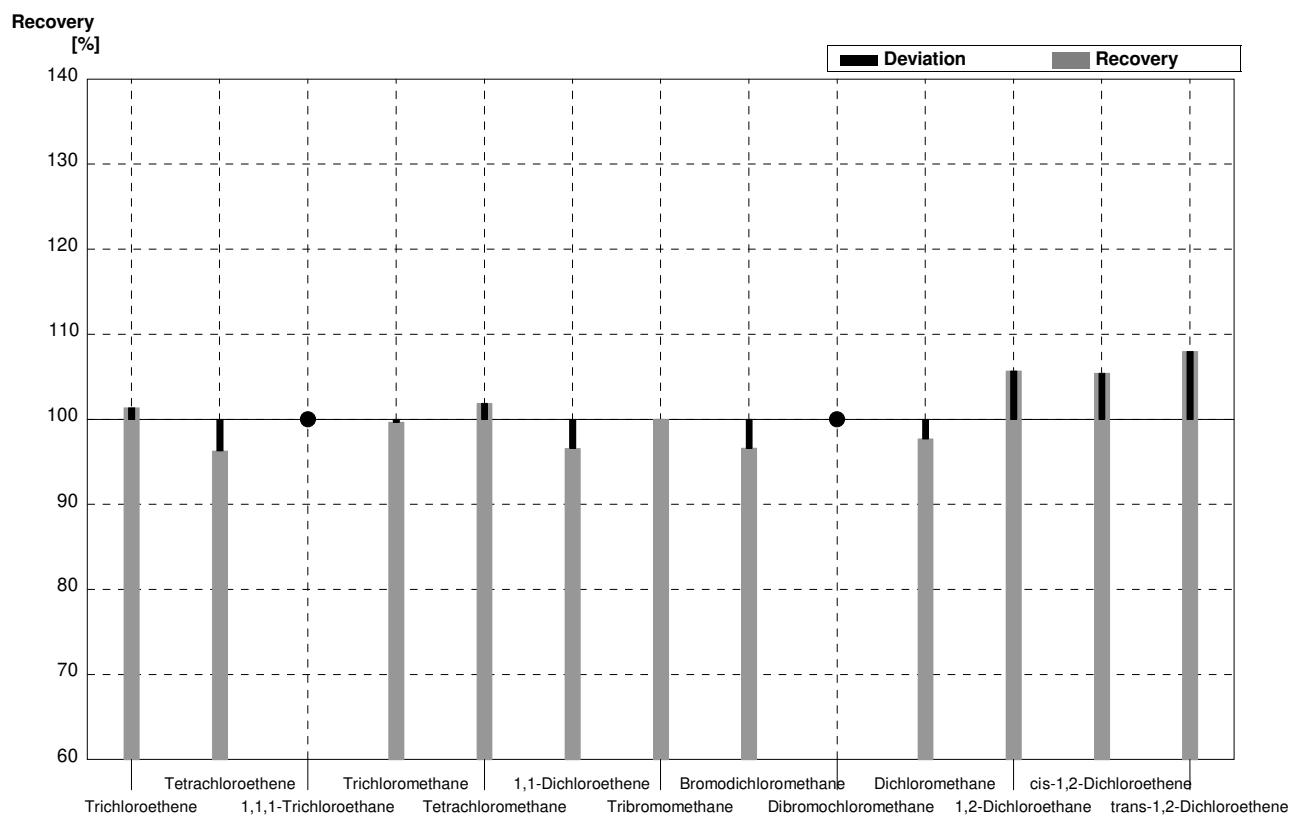
Laboratory U

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	2,55	0,13			µg/l	
Tetrachloroethene	2,19	0,11			µg/l	
1,1,1-Trichloroethane	0,17	0,01			µg/l	
Trichloromethane	1,57	0,08			µg/l	
Tetrachloromethane	<0,06				µg/l	
1,1-Dichloroethene	3,67	0,18			µg/l	
Tribromomethane	1,66	0,08			µg/l	
Bromodichloromethane	0,58	0,03			µg/l	
Dibromochloromethane	0,44	0,02			µg/l	
Dichloromethane	6,20	0,31			µg/l	
1,2-Dichloroethane	0,47	0,02			µg/l	
cis-1,2-Dichloroethene	2,89	0,14			µg/l	
trans-1,2-Dichloroethene	<0,04				µg/l	



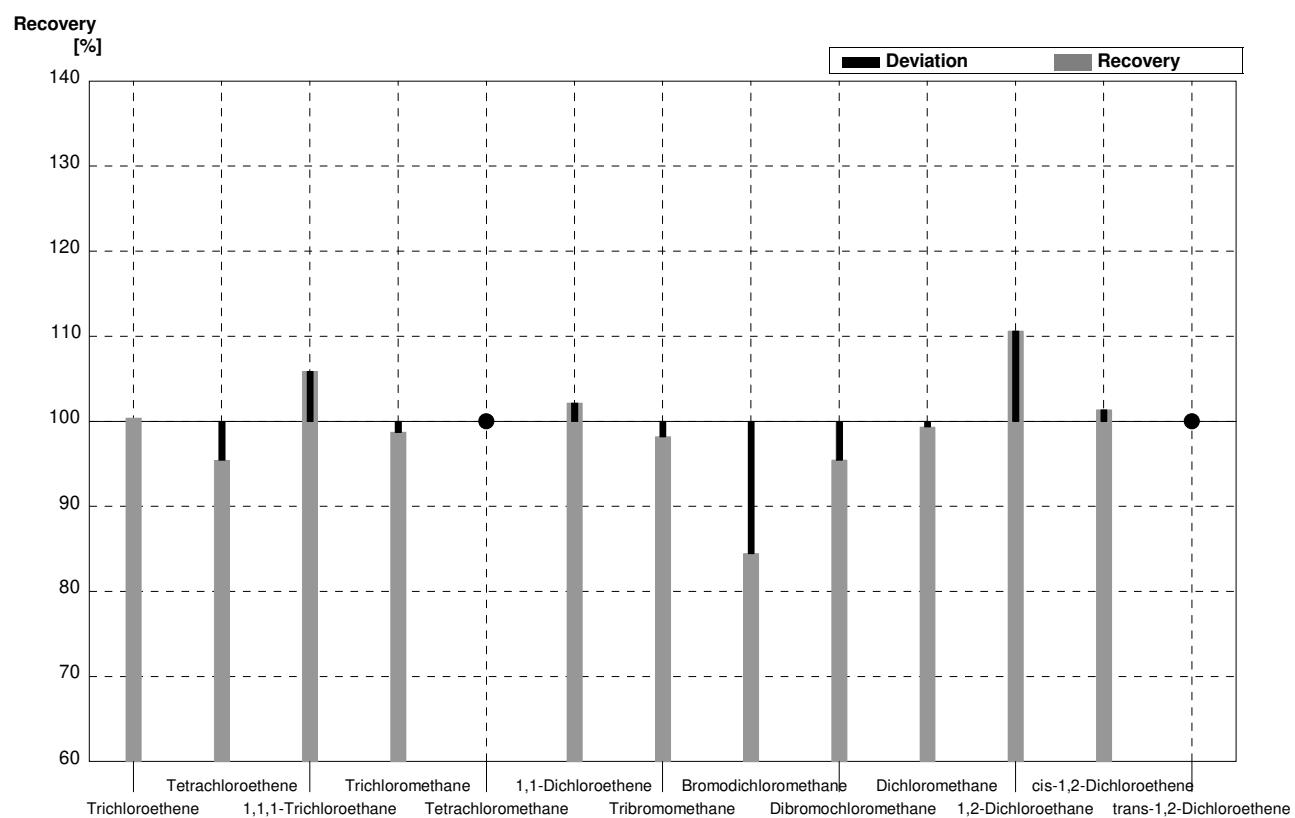
Sample C-CB06A**Laboratory V**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,46	0,29	$\mu\text{g/l}$	101%
Tetrachloroethene	0,27	0,01	0,26	0,05	$\mu\text{g/l}$	96%
1,1,1-Trichloroethane	<0,08		<0,02		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,12	0,62	$\mu\text{g/l}$	100%
Tetrachloromethane	1,04	0,05	1,06	0,21	$\mu\text{g/l}$	102%
1,1-Dichloroethene	1,47	0,07	1,42	0,28	$\mu\text{g/l}$	97%
Tribromomethane	0,86	0,04	0,86	0,17	$\mu\text{g/l}$	100%
Bromodichloromethane	1,78	0,09	1,72	0,34	$\mu\text{g/l}$	97%
Dibromochloromethane	<0,1		<0,05		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,56	0,51	$\mu\text{g/l}$	98%
1,2-Dichloroethane	1,40	0,07	1,48	0,30	$\mu\text{g/l}$	106%
cis-1,2-Dichloroethene	1,47	0,07	1,55	0,31	$\mu\text{g/l}$	105%
trans-1,2-Dichloroethene	2,38	0,12	2,57	0,51	$\mu\text{g/l}$	108%



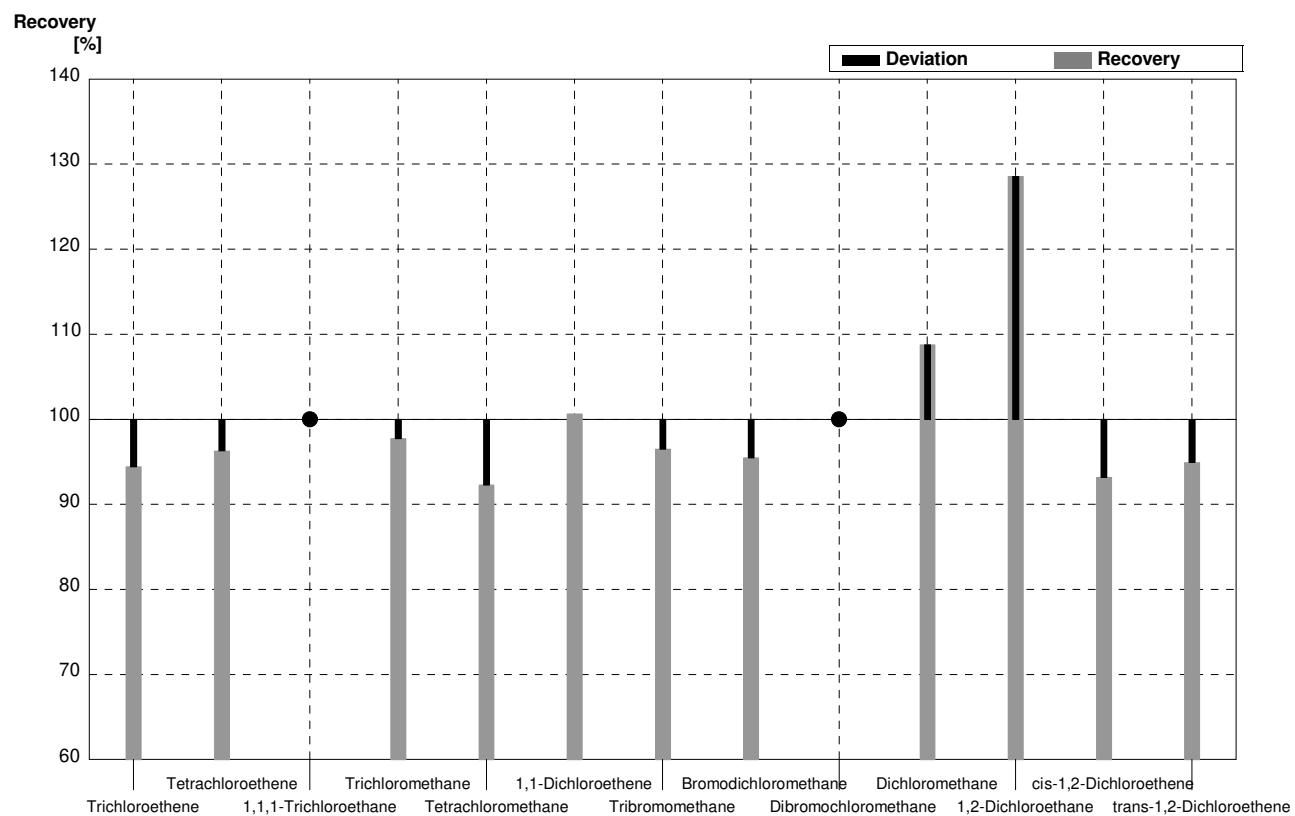
Sample C-CB06B**Laboratory V**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,56	0,51	$\mu\text{g/l}$	100%
Tetrachloroethene	2,19	0,11	2,09	0,42	$\mu\text{g/l}$	95%
1,1,1-Trichloroethane	0,17	0,01	0,18	0,04	$\mu\text{g/l}$	106%
Trichloromethane	1,57	0,08	1,55	0,31	$\mu\text{g/l}$	99%
Tetrachloromethane	<0,06		<0,09		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,75	0,75	$\mu\text{g/l}$	102%
Tribromomethane	1,66	0,08	1,63	0,33	$\mu\text{g/l}$	98%
Bromodichloromethane	0,58	0,03	0,49	0,10	$\mu\text{g/l}$	84%
Dibromochloromethane	0,44	0,02	0,42	0,08	$\mu\text{g/l}$	95%
Dichloromethane	6,20	0,31	6,16	1,23	$\mu\text{g/l}$	99%
1,2-Dichloroethane	0,47	0,02	0,52	0,10	$\mu\text{g/l}$	111%
cis-1,2-Dichloroethene	2,89	0,14	2,93	0,59	$\mu\text{g/l}$	101%
trans-1,2-Dichloroethene	<0,04		<0,02		$\mu\text{g/l}$	•



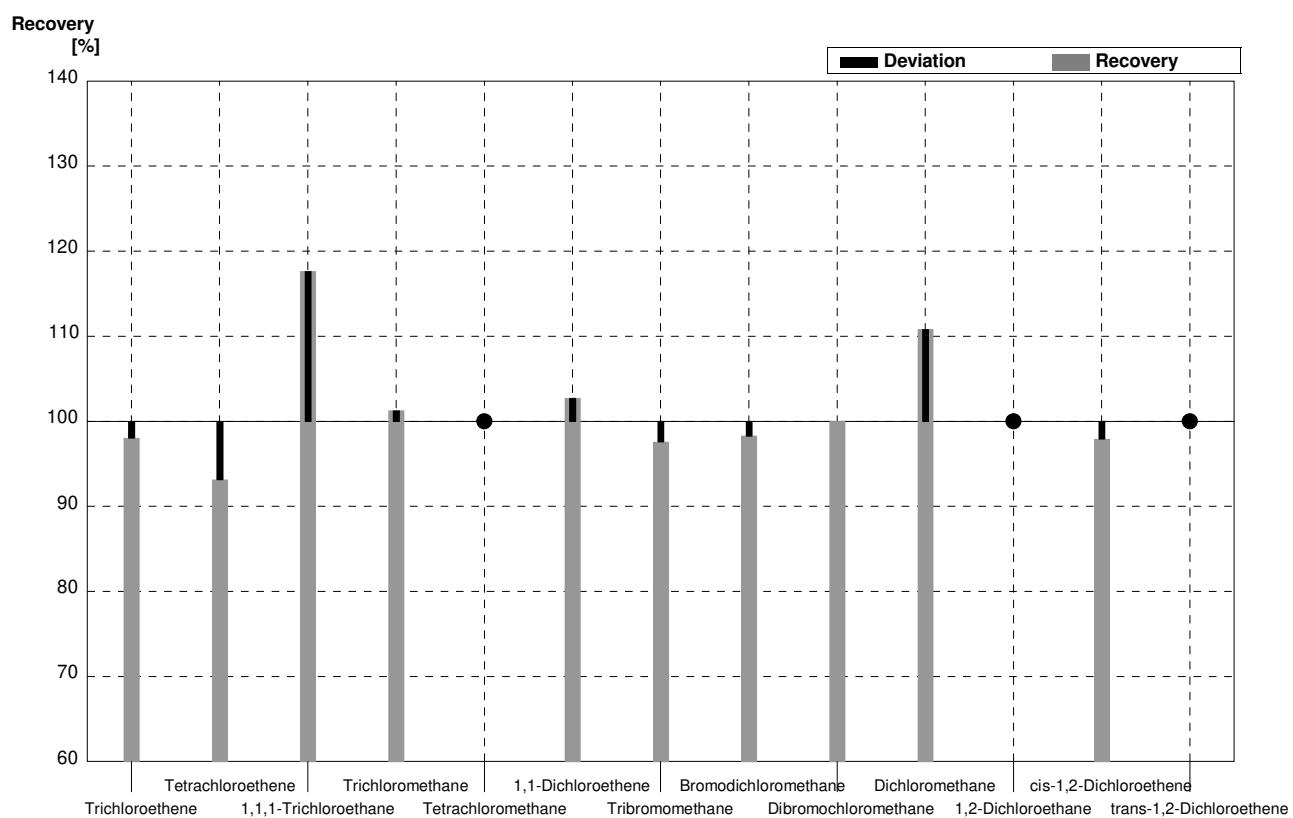
Sample C-CB06A**Laboratory W**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,36	0,20	$\mu\text{g/l}$	94%
Tetrachloroethene	0,27	0,01	0,26	0,04	$\mu\text{g/l}$	96%
1,1,1-Trichloroethane	<0,08		<0,1		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,06	0,46	$\mu\text{g/l}$	98%
Tetrachloromethane	1,04	0,05	0,96	0,14	$\mu\text{g/l}$	92%
1,1-Dichloroethene	1,47	0,07	1,48	0,22	$\mu\text{g/l}$	101%
Tribromomethane	0,86	0,04	0,83	0,12	$\mu\text{g/l}$	97%
Bromodichloromethane	1,78	0,09	1,70	0,26	$\mu\text{g/l}$	96%
Dibromochloromethane	<0,1		<0,1		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,85	0,43	$\mu\text{g/l}$	109%
1,2-Dichloroethane	1,40	0,07	1,80	0,27	$\mu\text{g/l}$	129%
cis-1,2-Dichloroethene	1,47	0,07	1,37	0,21	$\mu\text{g/l}$	93%
trans-1,2-Dichloroethene	2,38	0,12	2,26	0,34	$\mu\text{g/l}$	95%



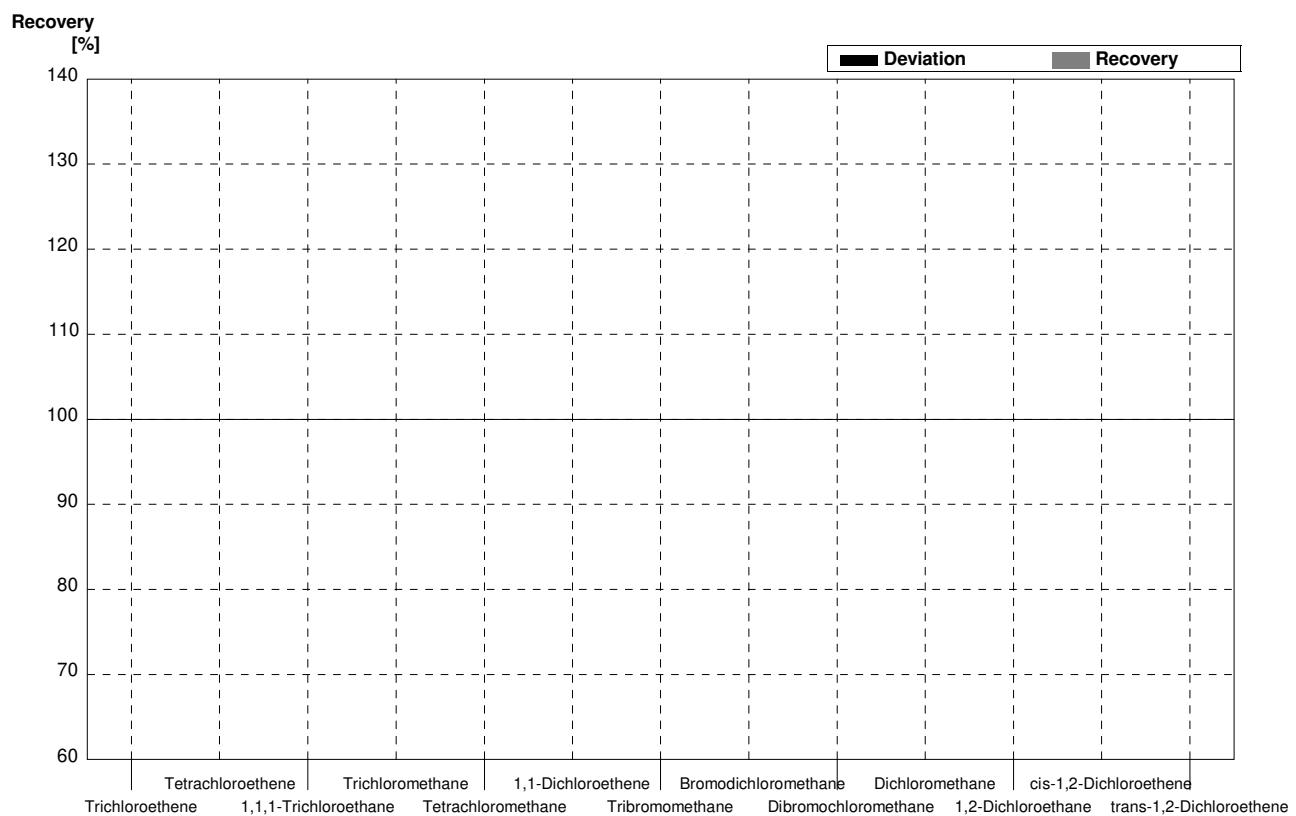
Sample C-CB06B**Laboratory W**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,50	0,38	$\mu\text{g/l}$	98%
Tetrachloroethene	2,19	0,11	2,04	0,31	$\mu\text{g/l}$	93%
1,1,1-Trichloroethane	0,17	0,01	0,20	0,03	$\mu\text{g/l}$	118%
Trichloromethane	1,57	0,08	1,59	0,24	$\mu\text{g/l}$	101%
Tetrachloromethane	<0,06		<0,1		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,77	0,57	$\mu\text{g/l}$	103%
Tribromomethane	1,66	0,08	1,62	0,24	$\mu\text{g/l}$	98%
Bromodichloromethane	0,58	0,03	0,57	0,09	$\mu\text{g/l}$	98%
Dibromochloromethane	0,44	0,02	0,44	0,07	$\mu\text{g/l}$	100%
Dichloromethane	6,20	0,31	6,87	1,03	$\mu\text{g/l}$	111%
1,2-Dichloroethane	0,47	0,02	<0,5		$\mu\text{g/l}$	•
cis-1,2-Dichloroethene	2,89	0,14	2,83	0,42	$\mu\text{g/l}$	98%
trans-1,2-Dichloroethene	<0,04		<0,5		$\mu\text{g/l}$	•



Sample C-CB06A**Laboratory X**

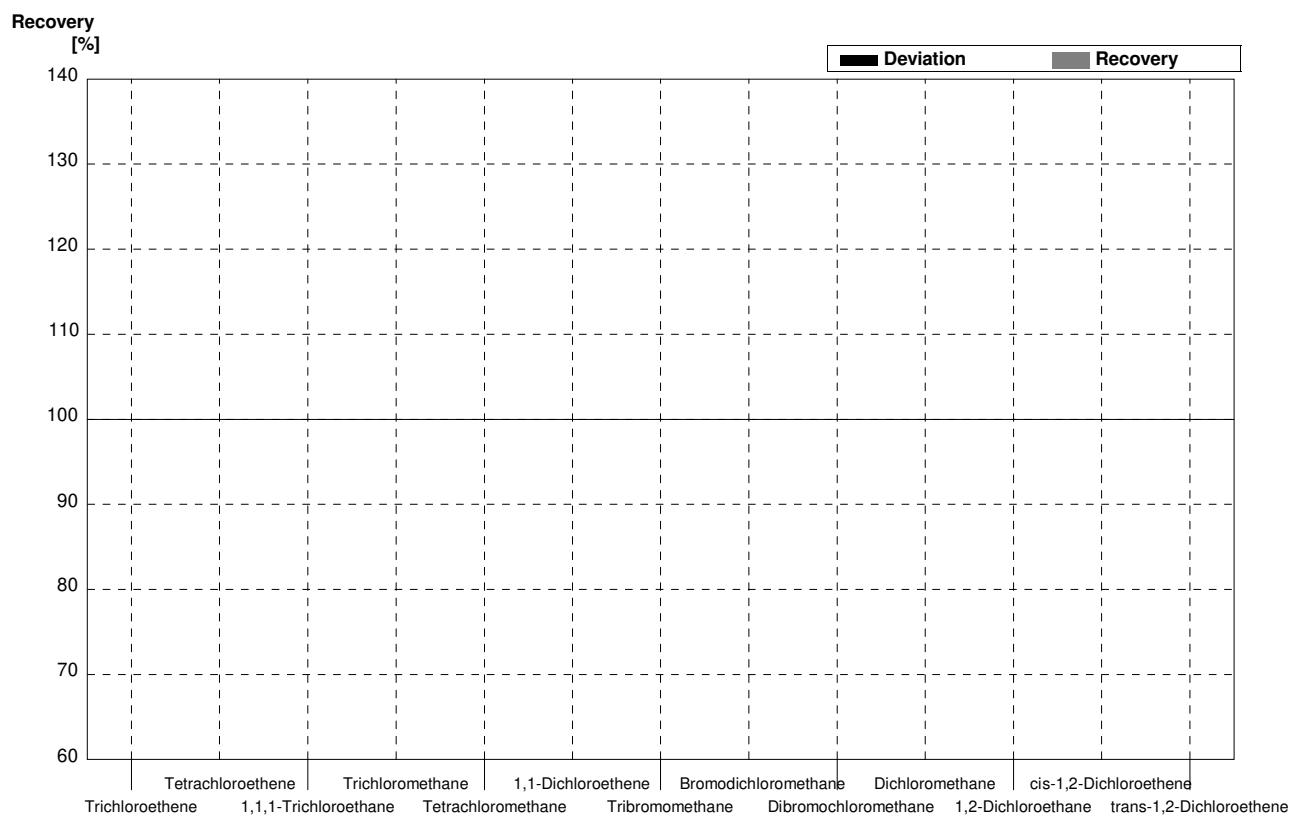
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07			$\mu\text{g/l}$	
Tetrachloroethene	0,27	0,01			$\mu\text{g/l}$	
1,1,1-Trichloroethane	<0,08				$\mu\text{g/l}$	
Trichloromethane	3,13	0,16			$\mu\text{g/l}$	
Tetrachloromethane	1,04	0,05			$\mu\text{g/l}$	
1,1-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
Tribromomethane	0,86	0,04			$\mu\text{g/l}$	
Bromodichloromethane	1,78	0,09			$\mu\text{g/l}$	
Dibromochloromethane	<0,1				$\mu\text{g/l}$	
Dichloromethane	2,62	0,13			$\mu\text{g/l}$	
1,2-Dichloroethane	1,40	0,07			$\mu\text{g/l}$	
cis-1,2-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
trans-1,2-Dichloroethene	2,38	0,12			$\mu\text{g/l}$	



Sample C-CB06B

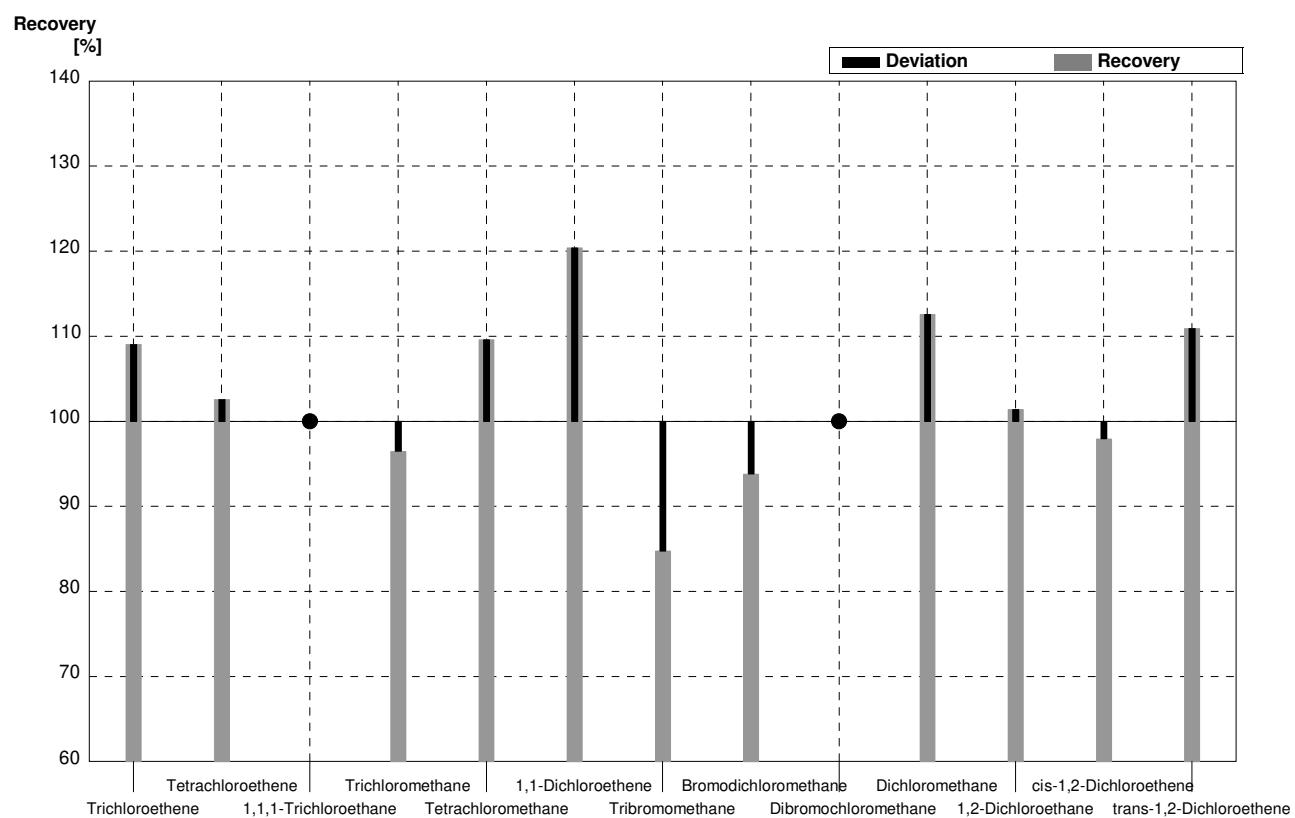
Laboratory X

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	2,55	0,13			µg/l	
Tetrachloroethene	2,19	0,11			µg/l	
1,1,1-Trichloroethane	0,17	0,01			µg/l	
Trichloromethane	1,57	0,08			µg/l	
Tetrachloromethane	<0,06				µg/l	
1,1-Dichloroethene	3,67	0,18			µg/l	
Tribromomethane	1,66	0,08			µg/l	
Bromodichloromethane	0,58	0,03			µg/l	
Dibromochloromethane	0,44	0,02			µg/l	
Dichloromethane	6,20	0,31			µg/l	
1,2-Dichloroethane	0,47	0,02			µg/l	
cis-1,2-Dichloroethene	2,89	0,14			µg/l	
trans-1,2-Dichloroethene	<0,04				µg/l	



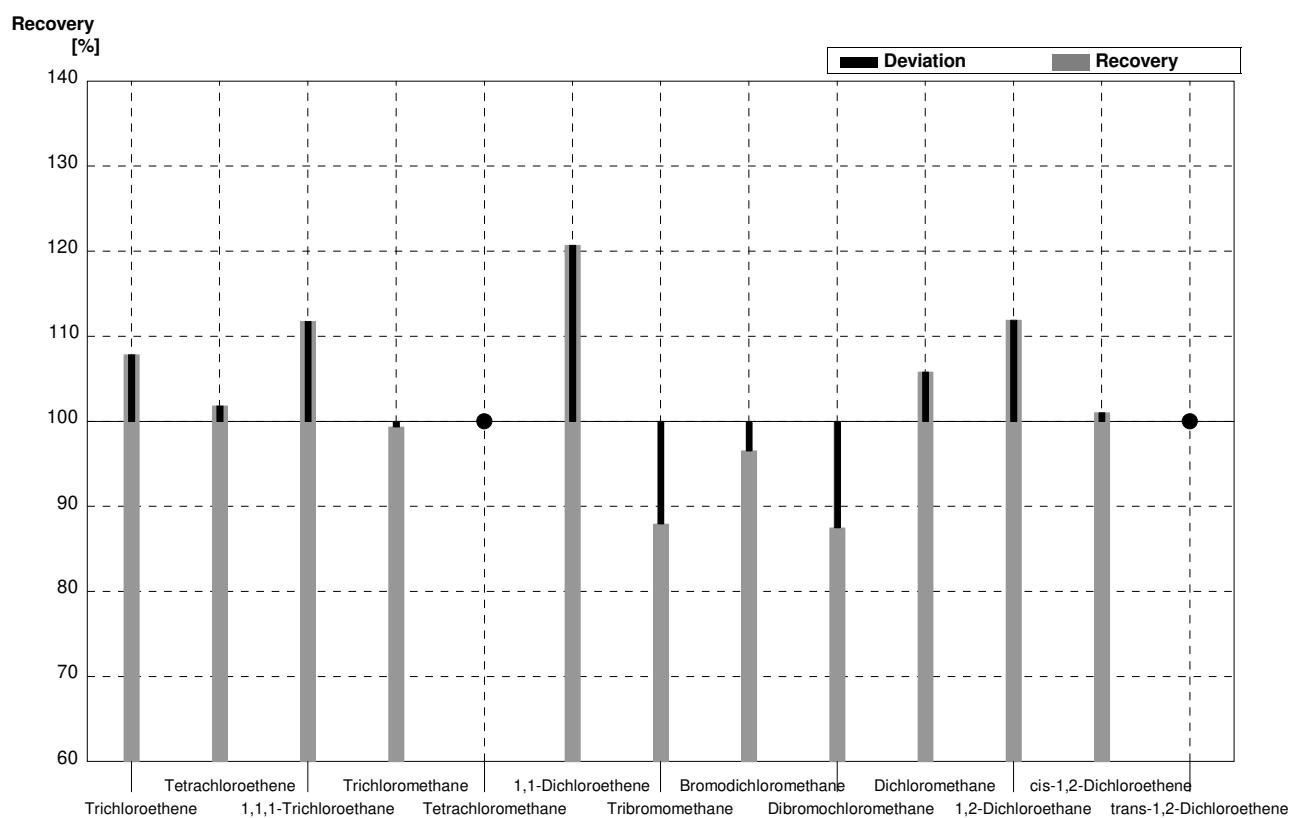
Sample C-CB06A**Laboratory Y**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,57	0,11	$\mu\text{g/l}$	109%
Tetrachloroethene	0,27	0,01	0,277	0,023	$\mu\text{g/l}$	103%
1,1,1-Trichloroethane	<0,08		<0,1		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	3,02	0,60	$\mu\text{g/l}$	96%
Tetrachloromethane	1,04	0,05	1,14	0,29	$\mu\text{g/l}$	110%
1,1-Dichloroethene	1,47	0,07	1,77	0,35	$\mu\text{g/l}$	120%
Tribromomethane	0,86	0,04	0,729	0,18	$\mu\text{g/l}$	85%
Bromodichloromethane	1,78	0,09	1,67	0,42	$\mu\text{g/l}$	94%
Dibromochloromethane	<0,1		<0,1		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,95	0,74	$\mu\text{g/l}$	113%
1,2-Dichloroethane	1,40	0,07	1,42	0,34	$\mu\text{g/l}$	101%
cis-1,2-Dichloroethene	1,47	0,07	1,44	0,27	$\mu\text{g/l}$	98%
trans-1,2-Dichloroethene	2,38	0,12	2,64	0,53	$\mu\text{g/l}$	111%



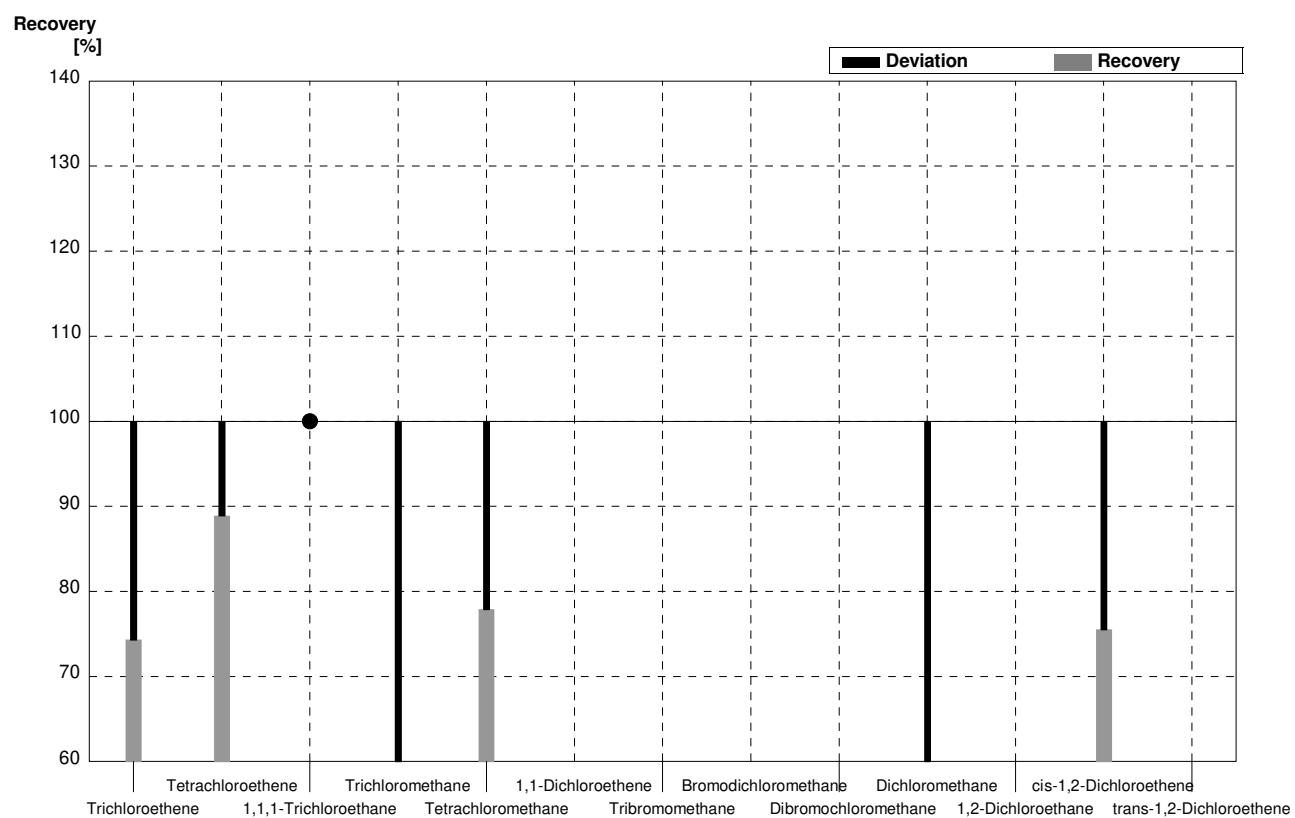
Sample C-CB06B**Laboratory Y**

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,75	0,20	$\mu\text{g/l}$	108%
Tetrachloroethene	2,19	0,11	2,23	0,19	$\mu\text{g/l}$	102%
1,1,1-Trichloroethane	0,17	0,01	0,190	0,04	$\mu\text{g/l}$	112%
Trichloromethane	1,57	0,08	1,56	0,31	$\mu\text{g/l}$	99%
Tetrachloromethane	<0,06		<0,1		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	4,43	0,87	$\mu\text{g/l}$	121%
Tribromomethane	1,66	0,08	1,46	0,37	$\mu\text{g/l}$	88%
Bromodichloromethane	0,58	0,03	0,560	0,14	$\mu\text{g/l}$	97%
Dibromochloromethane	0,44	0,02	0,385	0,10	$\mu\text{g/l}$	88%
Dichloromethane	6,20	0,31	6,56	1,64	$\mu\text{g/l}$	106%
1,2-Dichloroethane	0,47	0,02	0,526	0,13	$\mu\text{g/l}$	112%
cis-1,2-Dichloroethene	2,89	0,14	2,92	0,54	$\mu\text{g/l}$	101%
trans-1,2-Dichloroethene	<0,04		<0,5		$\mu\text{g/l}$	•



Sample C-CB06A**Laboratory AA**

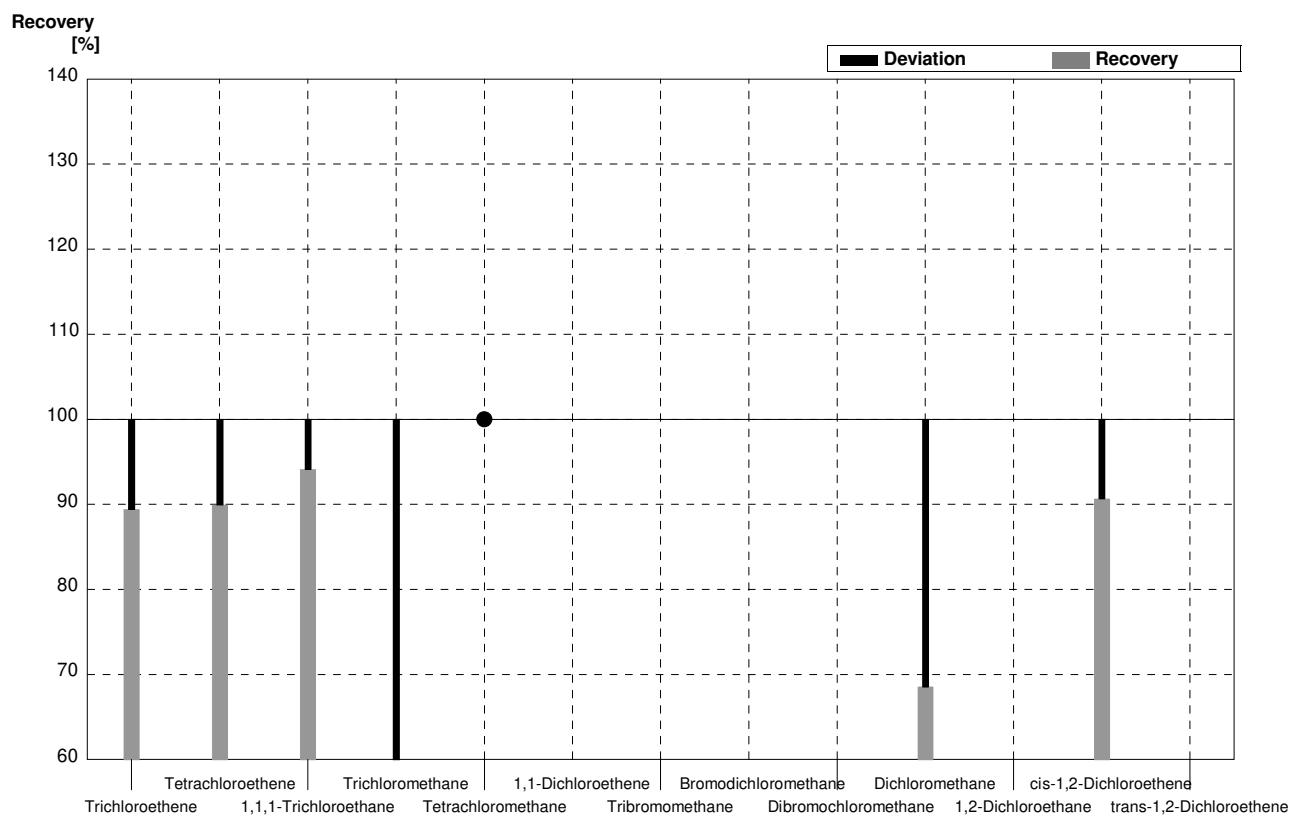
Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,07	0,10	$\mu\text{g/l}$	74%
Tetrachloroethene	0,27	0,01	0,24	0,02	$\mu\text{g/l}$	89%
1,1,1-Trichloroethane	<0,08		<0,01		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	0,62	0,11	$\mu\text{g/l}$	20%
Tetrachloromethane	1,04	0,05	0,81	0,14	$\mu\text{g/l}$	78%
1,1-Dichloroethene	1,47	0,07			$\mu\text{g/l}$	
Tribromomethane	0,86	0,04			$\mu\text{g/l}$	
Bromodichloromethane	1,78	0,09			$\mu\text{g/l}$	
Dibromochloromethane	<0,1				$\mu\text{g/l}$	
Dichloromethane	2,62	0,13	1,48	0,24	$\mu\text{g/l}$	56%
1,2-Dichloroethane	1,40	0,07			$\mu\text{g/l}$	
cis-1,2-Dichloroethene	1,47	0,07	1,11	0,15	$\mu\text{g/l}$	76%
trans-1,2-Dichloroethene	2,38	0,12			$\mu\text{g/l}$	



Sample C-CB06B

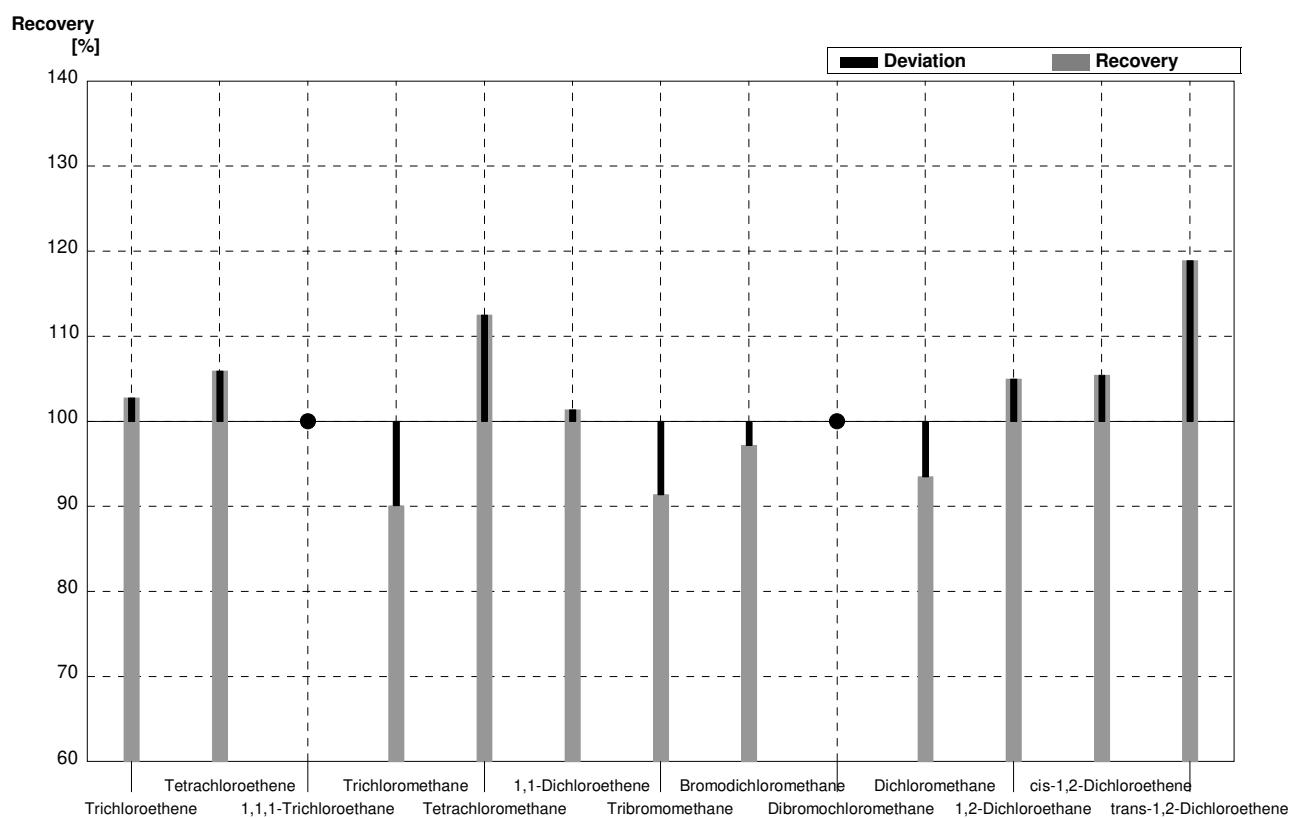
Laboratory AA

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
Trichloroethene	2,55	0,13	2,28	0,27	µg/l	89%
Tetrachloroethene	2,19	0,11	1,97	0,17	µg/l	90%
1,1,1-Trichloroethane	0,17	0,01	0,16	0,02	µg/l	94%
Trichloromethane	1,57	0,08	0,38	0,07	µg/l	24%
Tetrachloromethane	<0,06		<0,01		µg/l	•
1,1-Dichloroethene	3,67	0,18			µg/l	
Tribromomethane	1,66	0,08			µg/l	
Bromodichloromethane	0,58	0,03			µg/l	
Dibromochloromethane	0,44	0,02			µg/l	
Dichloromethane	6,20	0,31	4,25	0,75	µg/l	69%
1,2-Dichloroethane	0,47	0,02			µg/l	
cis-1,2-Dichloroethene	2,89	0,14	2,62	0,45	µg/l	91%
trans-1,2-Dichloroethene	<0,04				µg/l	



Sample C-CB06A**Laboratory AB**

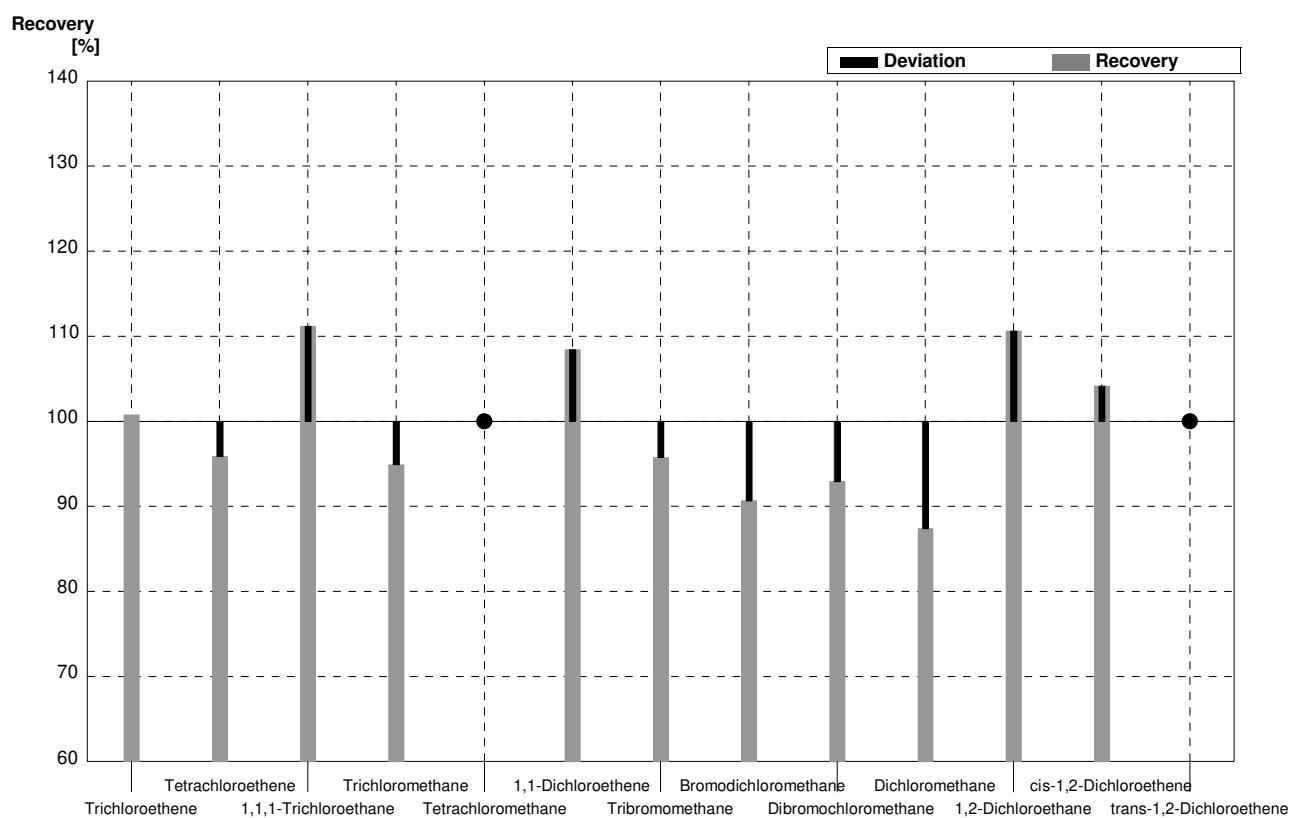
Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	1,44	0,07	1,48	0,097	$\mu\text{g/l}$	103%
Tetrachloroethene	0,27	0,01	0,286	0,011	$\mu\text{g/l}$	106%
1,1,1-Trichloroethane	<0,08		<0,05		$\mu\text{g/l}$	•
Trichloromethane	3,13	0,16	2,82	0,090	$\mu\text{g/l}$	90%
Tetrachloromethane	1,04	0,05	1,17	0,071	$\mu\text{g/l}$	113%
1,1-Dichloroethene	1,47	0,07	1,49	0,066	$\mu\text{g/l}$	101%
Tribromomethane	0,86	0,04	0,786	0,091	$\mu\text{g/l}$	91%
Bromodichloromethane	1,78	0,09	1,73	0,077	$\mu\text{g/l}$	97%
Dibromochloromethane	<0,1		<0,05		$\mu\text{g/l}$	•
Dichloromethane	2,62	0,13	2,45	0,082	$\mu\text{g/l}$	94%
1,2-Dichloroethane	1,40	0,07	1,47	0,049	$\mu\text{g/l}$	105%
cis-1,2-Dichloroethene	1,47	0,07	1,55	0,071	$\mu\text{g/l}$	105%
trans-1,2-Dichloroethene	2,38	0,12	2,83	0,154	$\mu\text{g/l}$	119%



Sample C-CB06B

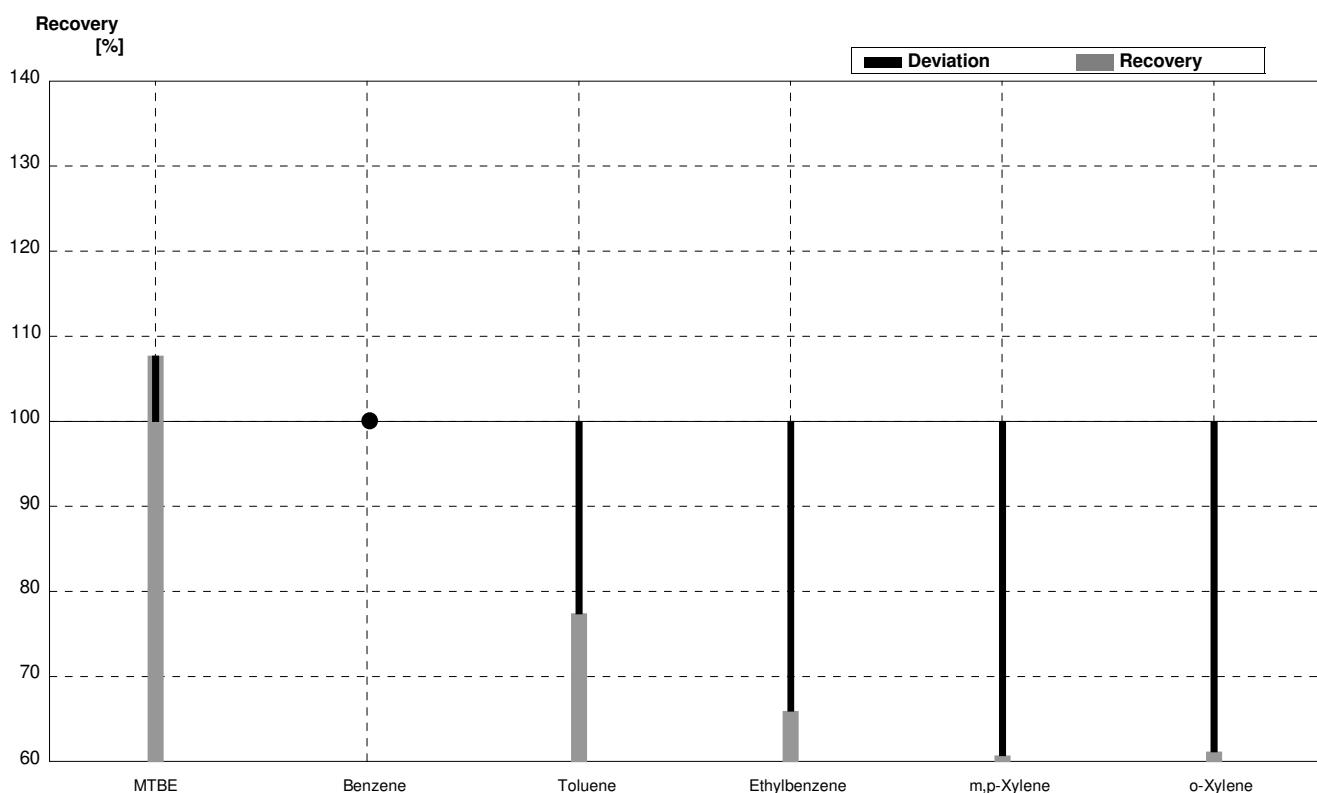
Laboratory AB

Parameter	Target value	$\pm U$ ($k=2$)	Result	\pm	Unit	Recovery
Trichloroethene	2,55	0,13	2,57	0,114	$\mu\text{g/l}$	101%
Tetrachloroethene	2,19	0,11	2,10	0,067	$\mu\text{g/l}$	96%
1,1,1-Trichloroethane	0,17	0,01	0,189	0,007	$\mu\text{g/l}$	111%
Trichloromethane	1,57	0,08	1,49	0,087	$\mu\text{g/l}$	95%
Tetrachloromethane	<0,06		<0,05		$\mu\text{g/l}$	•
1,1-Dichloroethene	3,67	0,18	3,98	0,127	$\mu\text{g/l}$	108%
Tribromomethane	1,66	0,08	1,59	0,083	$\mu\text{g/l}$	96%
Bromodichloromethane	0,58	0,03	0,526	0,087	$\mu\text{g/l}$	91%
Dibromochloromethane	0,44	0,02	0,409	0,069	$\mu\text{g/l}$	93%
Dichloromethane	6,20	0,31	5,42	0,445	$\mu\text{g/l}$	87%
1,2-Dichloroethane	0,47	0,02	0,520	0,049	$\mu\text{g/l}$	111%
cis-1,2-Dichloroethene	2,89	0,14	3,01	0,078	$\mu\text{g/l}$	104%
trans-1,2-Dichloroethene	<0,04		<0,05		$\mu\text{g/l}$	•



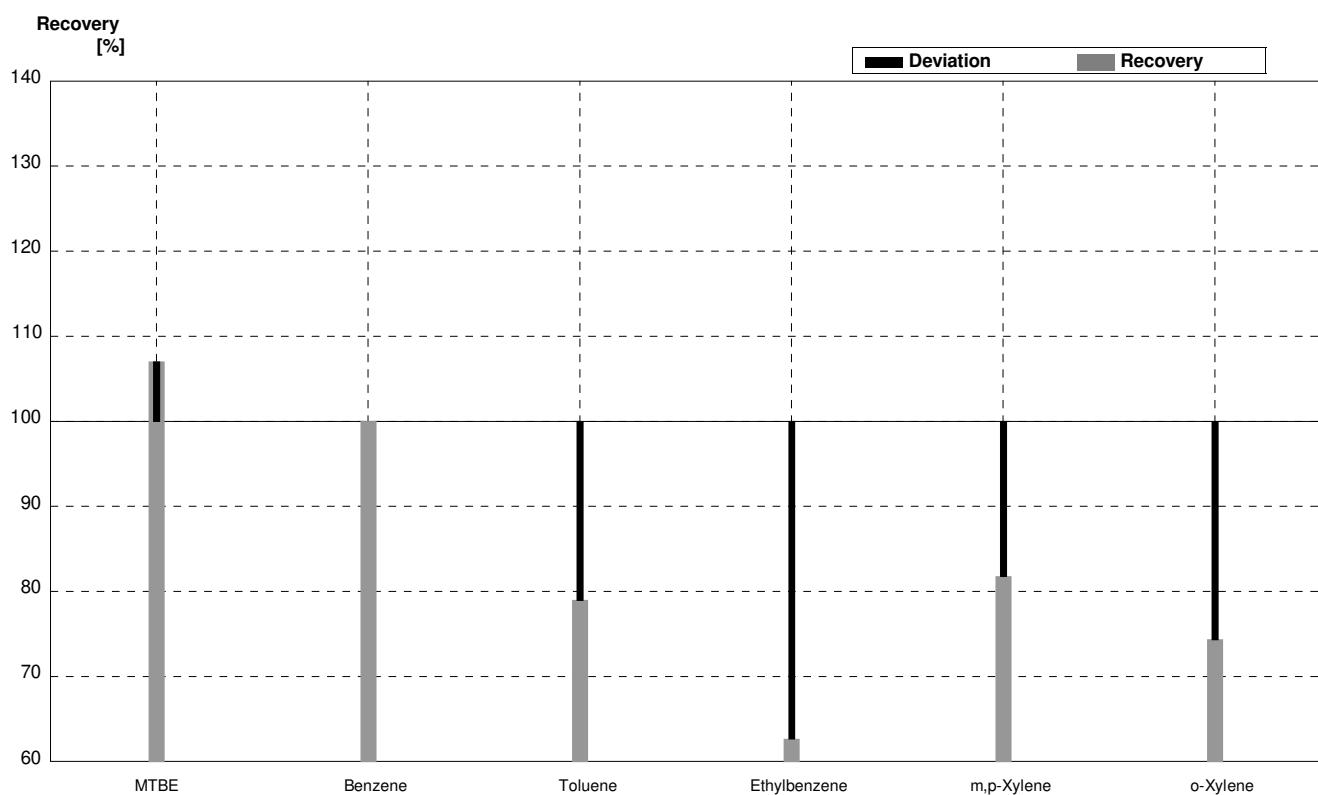
Sample B-CB06A**Laboratory AC**

Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	0,52	0,03	0,56	0,084	µg/L	108%
Benzene	<0,4		0		µg/L	•
Toluene	2,30	0,12	1,78	0,27	µg/L	77%
Ethylbenzene	2,70	0,14	1,78	0,27	µg/L	66%
m,p-Xylene	0,84	0,04	0,51	0,077	µg/L	61%
o-Xylene	1,88	0,09	1,15	0,17	µg/L	61%



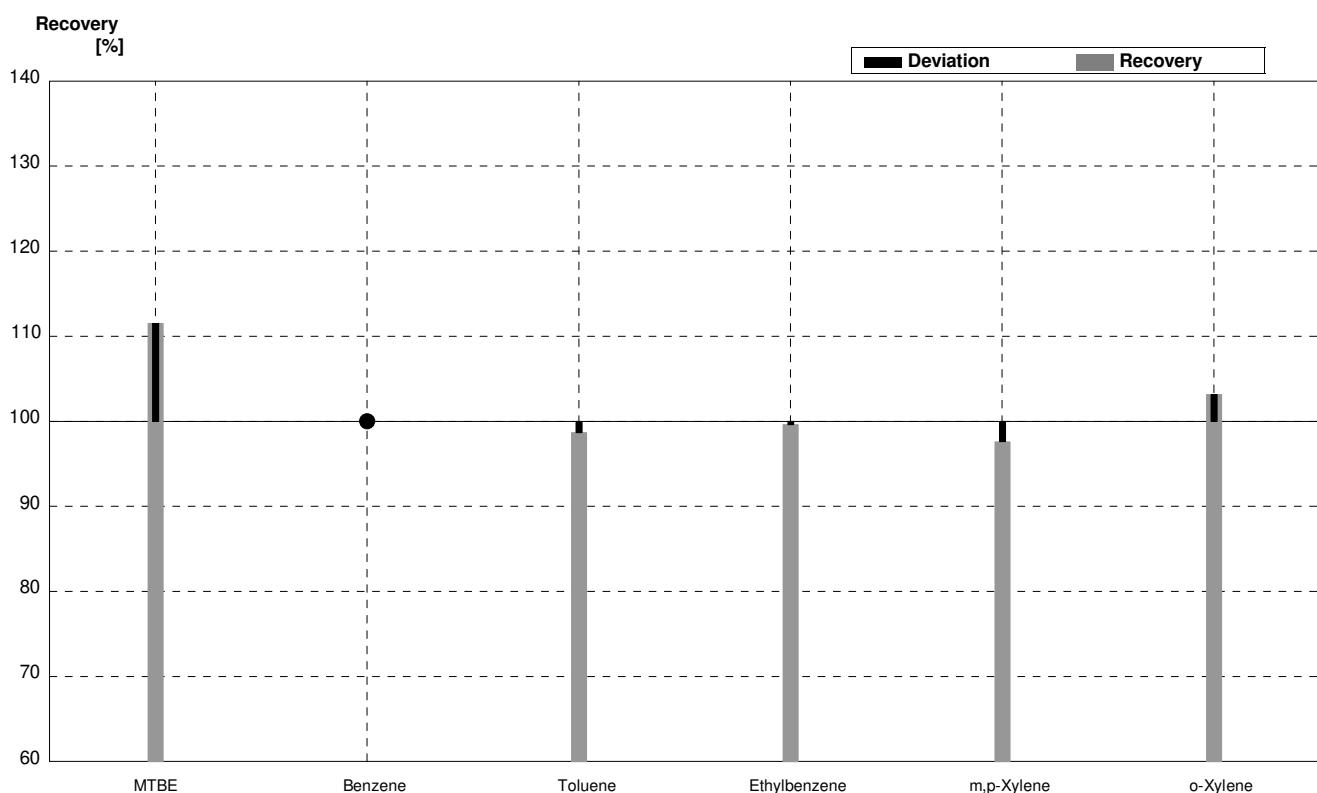
Sample B-CB06B**Laboratory AC**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,90	0,44	$\mu\text{g/L}$	107%
Benzene	0,56	0,03	0,56	0,084	$\mu\text{g/L}$	100%
Toluene	1,76	0,09	1,39	0,21	$\mu\text{g/L}$	79%
Ethylbenzene	1,42	0,07	0,89	0,13	$\mu\text{g/L}$	63%
m,p-Xylene	6,48	0,32	5,30	0,80	$\mu\text{g/L}$	82%
o-Xylene	3,86	0,19	2,87	0,43	$\mu\text{g/L}$	74%



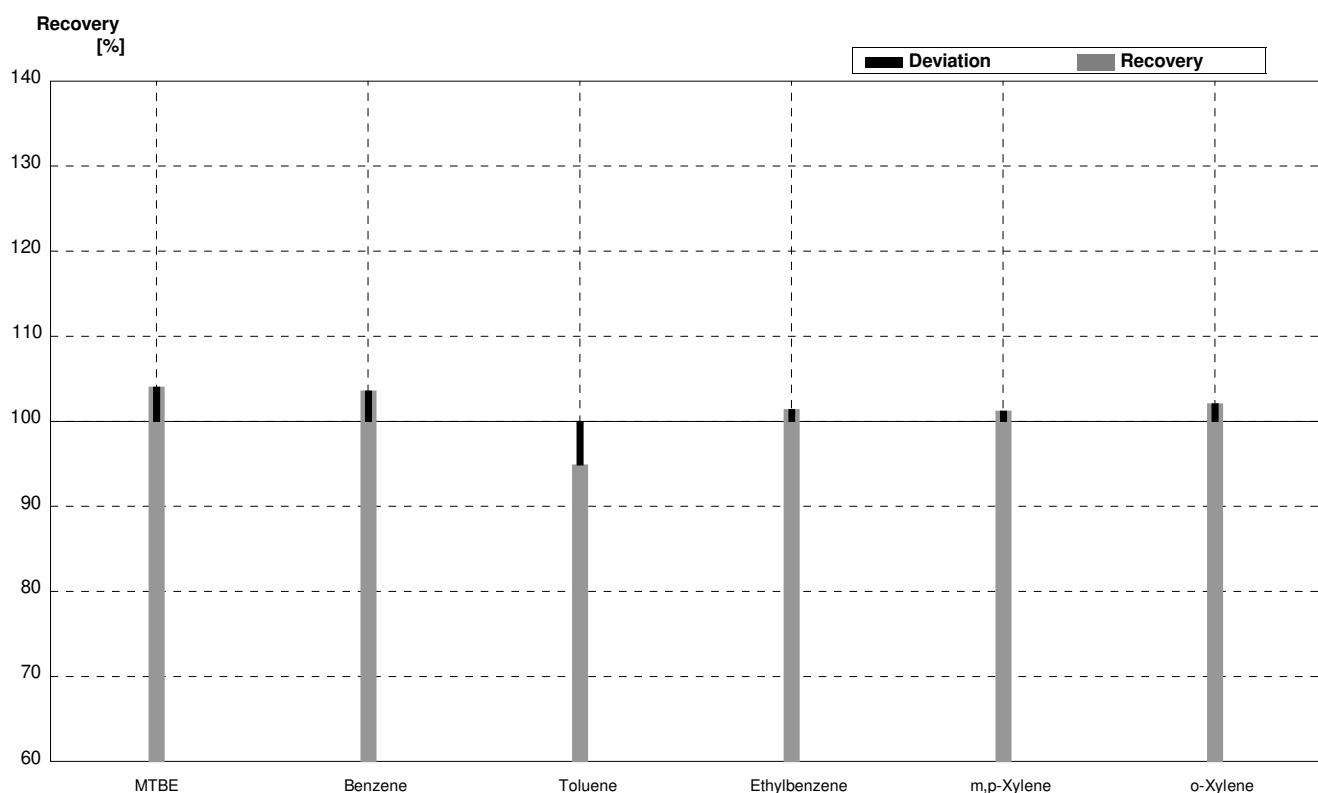
Sample B-CB06A**Laboratory AD**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,58	0,08	$\mu\text{g/L}$	112%
Benzene	<0,4		<0,25		$\mu\text{g/L}$	•
Toluene	2,30	0,12	2,27	0,25	$\mu\text{g/L}$	99%
Ethylbenzene	2,70	0,14	2,69	0,28	$\mu\text{g/L}$	100%
m,p-Xylene	0,84	0,04	0,82	0,1	$\mu\text{g/L}$	98%
o-Xylene	1,88	0,09	1,94	0,2	$\mu\text{g/L}$	103%



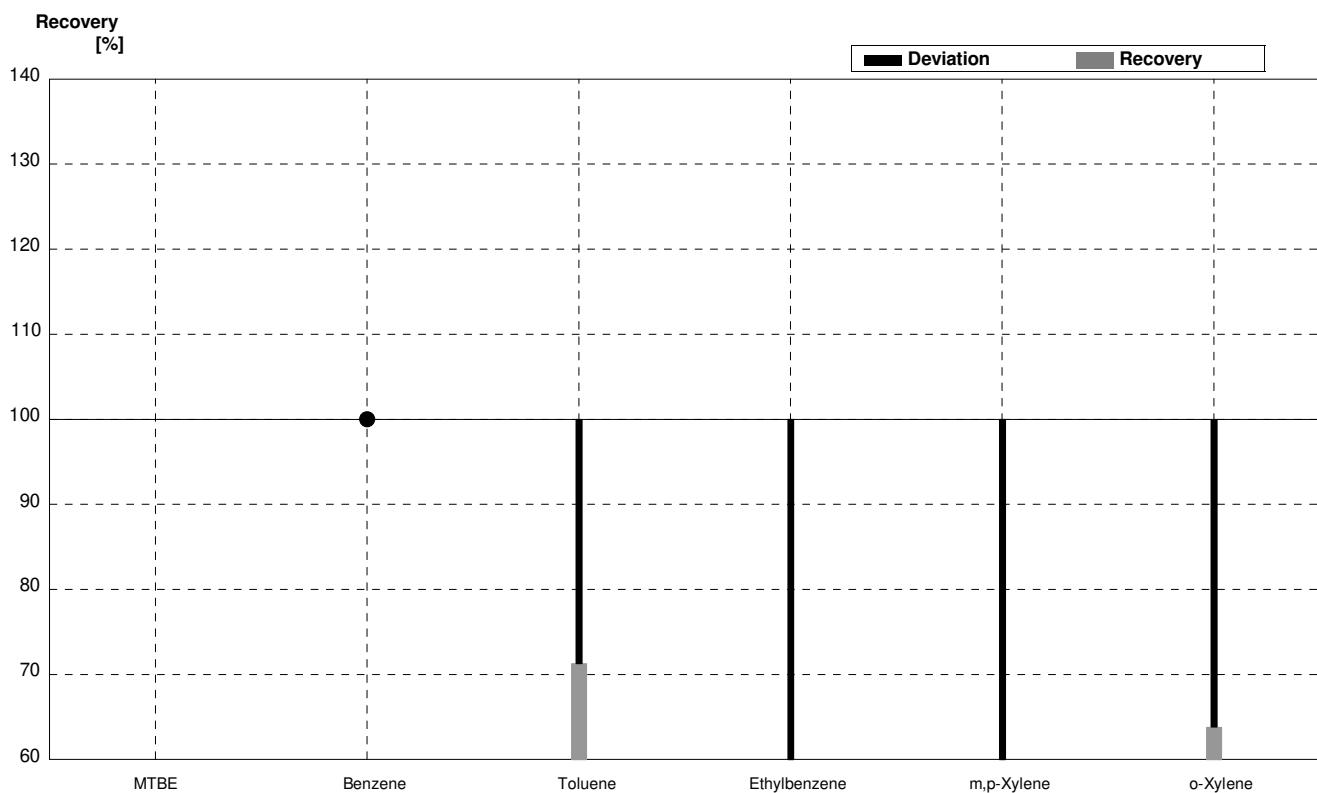
Sample B-CB06B**Laboratory AD**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,82	0,3	$\mu\text{g/L}$	104%
Benzene	0,56	0,03	0,58	0,08	$\mu\text{g/L}$	104%
Toluene	1,76	0,09	1,67	0,18	$\mu\text{g/L}$	95%
Ethylbenzene	1,42	0,07	1,44	0,16	$\mu\text{g/L}$	101%
m,p-Xylene	6,48	0,32	6,56	0,7	$\mu\text{g/L}$	101%
o-Xylene	3,86	0,19	3,94	0,4	$\mu\text{g/L}$	102%



Sample B-CB06A**Laboratory AE**

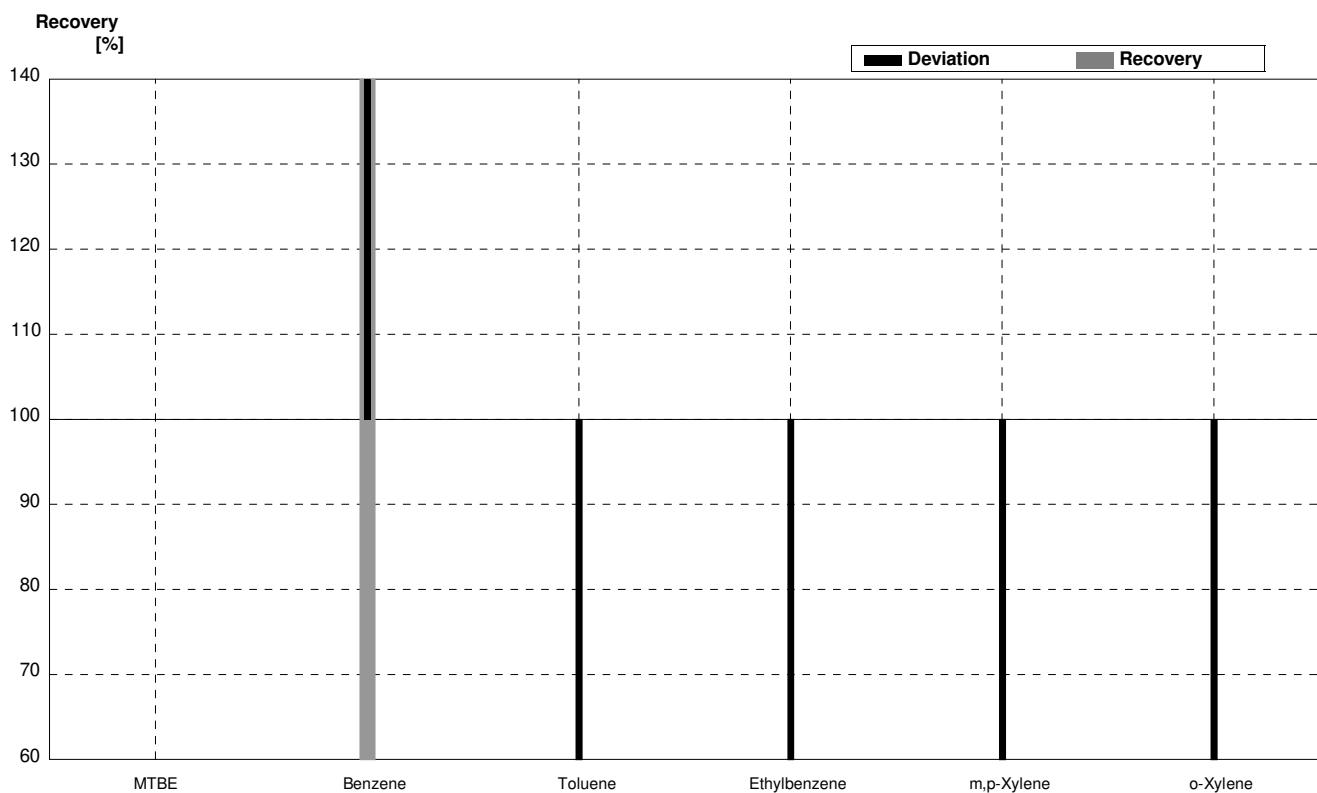
Parameter	Target value	± U (k=2)	Result	±	Unit	Recovery
MTBE	0,52	0,03			µg/L	
Benzene	<0,4		<0,5	0,1	µg/L	•
Toluene	2,30	0,12	1,64	0,2	µg/L	71%
Ethylbenzene	2,70	0,14	1,31	0,1	µg/L	49%
m,p-Xylene	0,84	0,04	0,28	0,1	µg/L	33%
o-Xylene	1,88	0,09	1,2	0,1	µg/L	64%



Sample B-CB06B

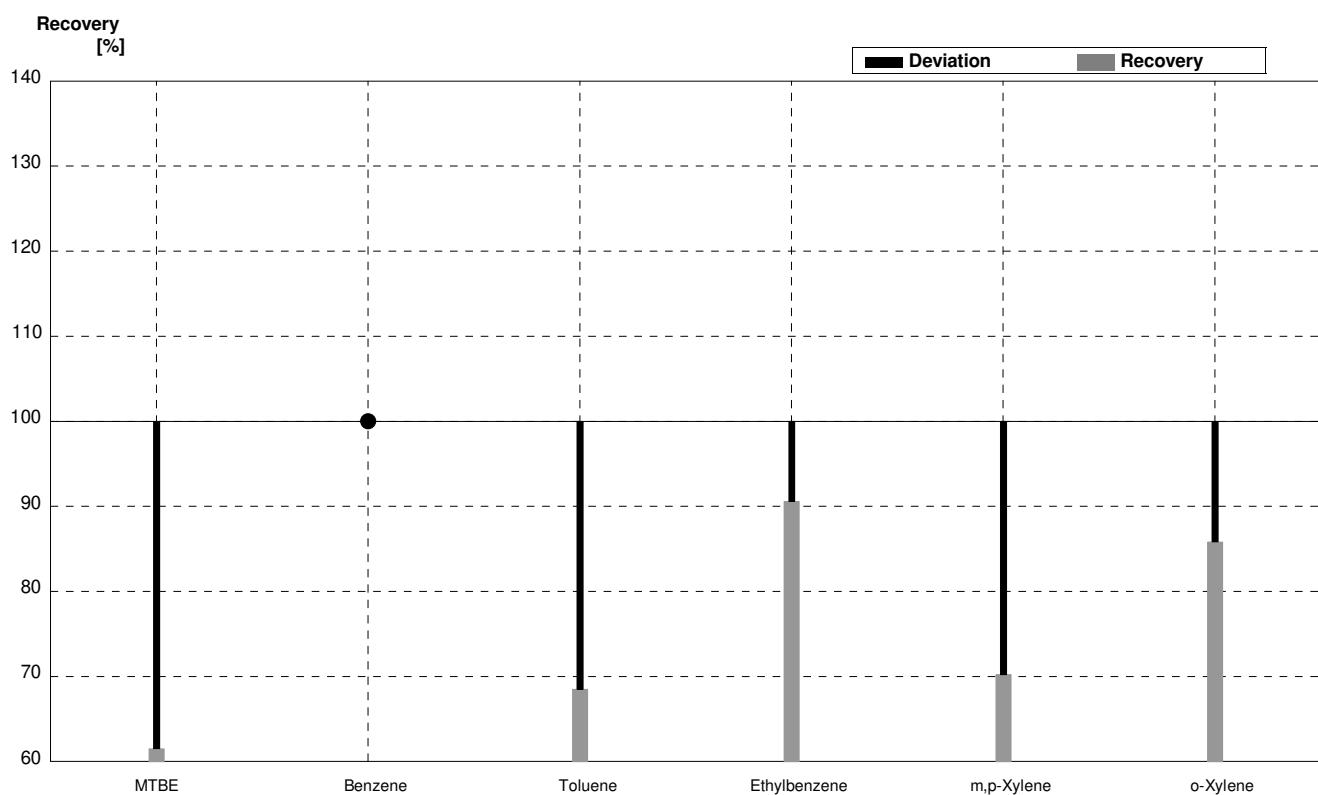
Laboratory AE

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14			$\mu\text{g/L}$	
Benzene	0,56	0,03	0,8	0,1	$\mu\text{g/L}$	143%
Toluene	1,76	0,09	0,99	0,1	$\mu\text{g/L}$	56%
Ethylbenzene	1,42	0,07	0,8	0,05	$\mu\text{g/L}$	56%
m,p-Xylene	6,48	0,32	3,45	0,2	$\mu\text{g/L}$	53%
o-Xylene	3,86	0,19	2,09	0,2	$\mu\text{g/L}$	54%



Sample B-CB06A**Laboratory AF**

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	0,52	0,03	0,320	0,080	$\mu\text{g/L}$	62%
Benzene	<0,4		<0,1		$\mu\text{g/L}$	•
Toluene	2,30	0,12	1,576	0,236	$\mu\text{g/L}$	69%
Ethylbenzene	2,70	0,14	2,446	0,250	$\mu\text{g/L}$	91%
m,p-Xylene	0,84	0,04	0,590	0,090	$\mu\text{g/L}$	70%
o-Xylene	1,88	0,09	1,614	0,160	$\mu\text{g/L}$	86%



Sample B-CB06B

Laboratory AF

Parameter	Target value	$\pm U (k=2)$	Result	\pm	Unit	Recovery
MTBE	2,71	0,14	2,425	0,364	$\mu\text{g/L}$	89%
Benzene	0,56	0,03	0,518	0,077	$\mu\text{g/L}$	93%
Toluene	1,76	0,09	1,241	0,223	$\mu\text{g/L}$	71%
Ethylbenzene	1,42	0,07	1,293	0,110	$\mu\text{g/L}$	91%
m,p-Xylene	6,48	0,32	6,390	0,511	$\mu\text{g/L}$	99%
o-Xylene	3,86	0,19	3,686	0,295	$\mu\text{g/L}$	95%

