ENVIRONMENT AGENCY AUSTRIA umweltbundesamt

EVALUATION OF THE INTERLABORATORY COMPARISON TEST

Pesticides H94

Sample dispatch on 2nd March 2016

Address: Umweltbundesamt GmbH
Spittelauer Lände 5
1090 Vienna/Austria

Contact: Dr. Sandra Kulcsar

Telephone: +43 (0) 1 31304 4334

E-mail: ringversuche@umweltbundesamt.at

Website: www.umweltbundesamt.at/leistungen
www.ifatest.at

Management:
Dipl.-Ing. Monika Denner

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1 Interlaboratory comparison test: Pesticides – H94

1.1 Participants and time schedule

- Number of registrations: 30
- Number of submitted data records: 29
- Dispatch of samples: 2nd of March 2016
- Closing date for submission of data: 5th of April 2016

To anonymize results, each laboratory was given a laboratory code on a random basis.

1.2 Sampling, sample material and distribution

The sampling of ground water and surface water was carried out on 1st March 2016 (Sample A) and on 2nd March 2016 (Sample B), respectively.

The following samples were made available

- Sample H94 A – ground water
- Sample H94 B – surface water

Both samples were stored at < 4 °C until further processing.

The samples were partly spiked with specific substances and were filled into bottles under continuous stirring to achieve homogeneous samples.

The samples were dispatched on 2nd of March 2016.

Each participant received (according to the order) :

- 2 samples (each 600 ml), each filled in 300 ml Aluminium bottles or
- 2 samples (each 2000 ml), each filled in 1000 ml Aluminium bottles or
- 2 samples (each 4000 ml), each filled in 1000 ml Aluminium bottles

1.3 Control testing

During filling the bottles, aliquots of each sample were collected randomly for control testing. Testing was performed close to the time of sample dispatch.

In the parameter-oriented evaluation, the results of the control testing are given in the form of arithmetic means of the detected concentrations as check value ± U.

2 Evaluation

The analytical results had to be made available to the organiser not later than 5th of April 2016. Any values received at a later date were not considered. A statistical evaluation of interlaboratory comparison data was only carried out if at least 6 valid results per parameter were available.

To evaluate the data, outliers were detected first by using the outlier test method according to Hampel. Values identified as conspicuous by this test method are marked specifically in the parameter-oriented evaluation. Further evaluation was performed in accordance with DIN ISO 5725-2. Results < LOQ or < LOD are not taken into account for calculation.

The adjusted average value (after removal of outliers) for all submitted results was used as a basis for the calculation of recovery rates and z-scores.

z-Score

z-Scores were calculated on the basis of the following formula:

$$z - score = \frac{x_i - \overline{X}}{SD}$$

In this context,

x_i is the measurement value of the participating laboratory.

$\overline{X}$ is the adjusted average value (i.e. after removal of outliers) of the participants' results.

SD is the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round.

Interpretation of z-Scores in the parameter-oriented evaluation:

- |z| < 2 result: good
- 2 < |z| < 3 result: questionable
- |z| > 3 result: not satisfactory

3 Representation and interpretation of measurement results

The parameter-oriented evaluation shows the measurement values including uncertainty, recovery rate, calculated z-Score and the outliers in tabular form. The results listed in the table are also represented graphically (see 5 Explanatory notes on the parameter oriented report)

4 Explanatory notes

As explained in the paragraph evaluation (page 5), the z-Score is calculated using the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round. As a consequence it might occur that the z-Score between -2 and 2 covers an extraordinary range, due to a high variance of the results.

The recovery rate is calculated for the individual result based on the target value. Therefore, in the case of a high variance of the results, participants should also consider recovery rates as an indicator for the necessity of internal quality assurance measures.

- Cf. Demethylsulfamid sample H94 A (n=6)
- Cf. Alachlor sample H94 B (n=13)

Parameter Dimethylsulfamid: The results of H94 A (n=6) and H94 B (n=6) show comparable concentrations. When comparing the relative reproducibility standard deviation (RSD) of the samples it is noticeable that the RSD of sample H94 A exceeds the RSD of sample H94 B by a factor of about 1.8.

Sample H94 A: For the parameters Chloridazon, Desethyldesisopropylatrazine, Diuron, Nicosulfurone, Sebuthylazine, Simazine and Terbuthylazine no target value was calculated because of the low analyte content and/or the small number of submitted results.

Sample H94 B: For the parameters 2,6-Dichlorbenzamide, Desethylatrazine, Desethyldesisopropylatrazine, Desisopropylatrazine, Metolachlor and Nicosulfurone no target value was calculated because of the low analyte content and/or the small number of submitted results.

Note: For Nicosulfurone (H94A, H94B) the check value can be used for the quality check.

5 Annotations on tables and charts

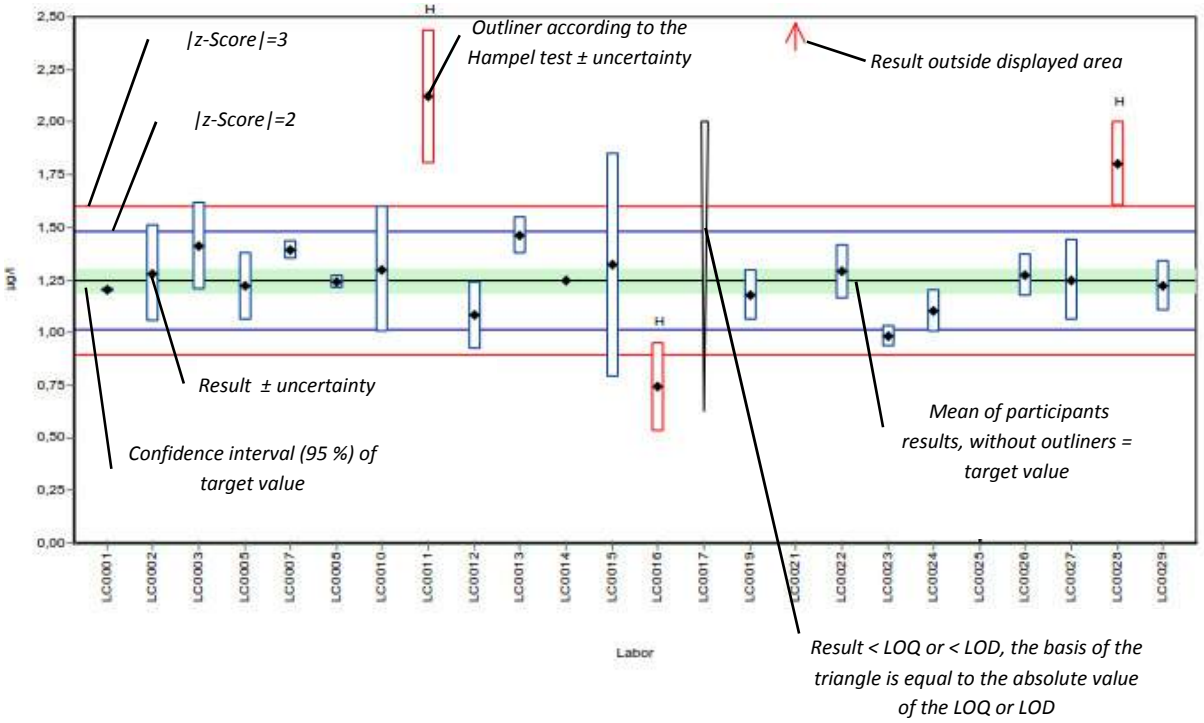
5.1 Information and abbreviations in tables

Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99 %)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
SD	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
RSD %	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)
Check value ± U	Mean of check value ± measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result	Result as indicated by participant (max. 5 decimal places)
± U	Results uncertainty as indicated by participant (max. 5 decimal places)
LOQ	Limit of quantification
LOD	Limit of detection
Recovery	Recovery rate in % based on target value (3 significant digits, max. one decimal place given)
z-Score	Deviation of result based on target value depicted as a multiple of the criteria (3 significant digits, max. 2 decimal places given)
-	*No data available*
Comments	Comment on the respective result (e.g. H, FN, FP)
H	Outlier according to Hampel-Test
FN	False negative – for a result < LOQ or result < LOD: The absolute value of the LOQ or LOD fulfils the condition of an outlier according to the Hampel test.
FP	False positive – for parameters where no target value is available because of a too low analyte content (n < 6):

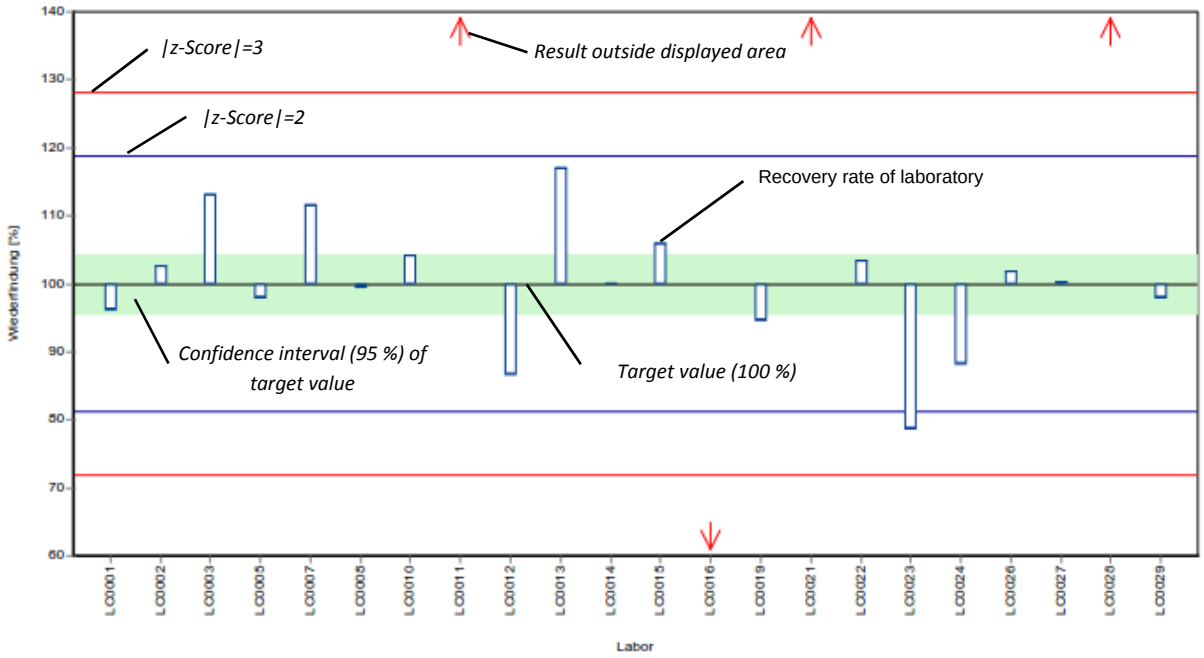
	Result that exceeds the median of the absolute values of the transmitted LOQs or LODs by more than 100 %.
Standard deviation	Reproducibility standard deviation, calculated from the participants results (3 significant digits)
Rel. standard deviation	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits)
n	Number of results
Target value	Mean of the participants results, without outliers (3 significant digits)
Criteria	Criteria for z-Score calculation. The given value matches the reproducibility standard deviation, calculated from the participants' results, after removal of outliers (3 significant digits).

5.2 Graphical presentation of results

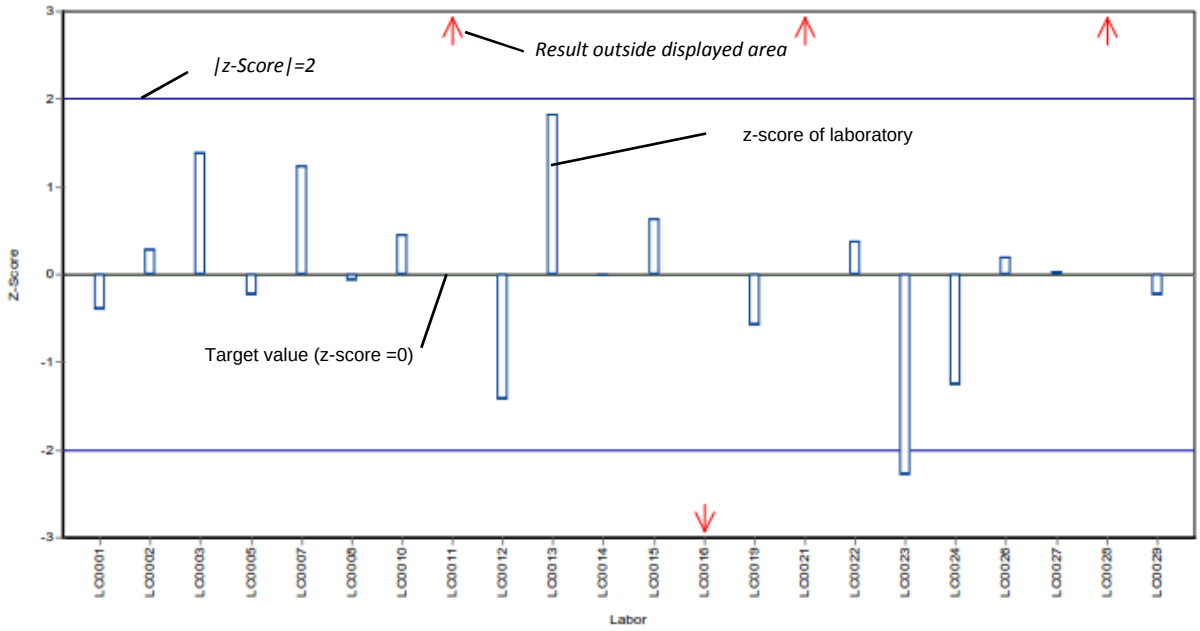
Example chart: Results



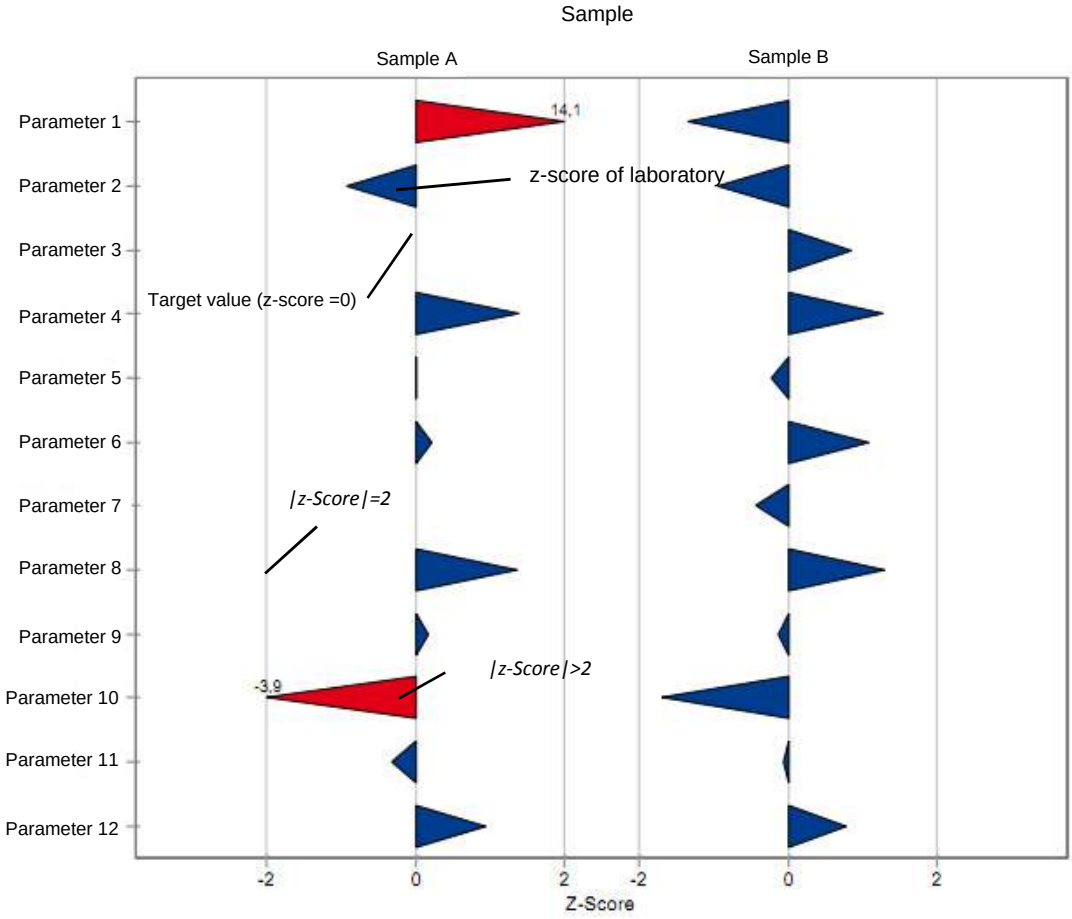
Example chart: Recovery



Example chart: z-score



Example chart: z-score - laboratory oriented report



6 Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	±	CI (99%)	Minimum	Maximum	SD	RSD %
2,6-Dichlorobenzamide	H94 A	µg/l	21	1	0.55	±	0.04	0.414	0.647	0.0612	11
	H94 B	µg/l	1	0	-	±	-	0.006	0.006	-	-
Alachlor	H94 A	µg/l	16	1	0.343	±	0.0247	0.282	0.402	0.0329	9.6
	H94 B	µg/l	13	4	0.521	±	0.0149	0.483	0.542	0.0179	3.4
Atrazine	H94 A	µg/l	28	0	0.464	±	0.0232	0.352	0.568	0.0409	8.8
	H94 B	µg/l	26	2	0.355	±	0.0194	0.299	0.419	0.0329	9.3
Bromacil	H94 A	µg/l	16	1	0.737	±	0.0683	0.514	0.846	0.091	12
	H94 B	µg/l	15	2	0.82	±	0.0795	0.617	1.05	0.103	13
Chloridazon	H94 A	µg/l	0	0	-	±	-	-	-	-	-
	H94 B	µg/l	15	2	0.321	±	0.0282	0.252	0.404	0.0364	11
Clopyralid	H94 A	µg/l	6	0	0.458	±	0.0781	0.366	0.542	0.0638	14
	H94 B	µg/l	6	0	0.609	±	0.0638	0.54	0.668	0.0521	8.5
Cyanazine	H94 A	µg/l	20	0	0.627	±	0.0666	0.505	0.913	0.0993	16
	H94 B	µg/l	19	1	0.143	±	0.0157	0.098	0.194	0.0228	16
Desethylatrazine	H94 A	µg/l	25	1	1.17	±	0.1	0.8	1.47	0.167	14
	H94 B	µg/l	4	0	-	±	-	0.007	0.819	-	-
Desethyldesisopropylatrazine	H94 A	µg/l	2	0	-	±	-	0.349	0.38	-	-
	H94 B	µg/l	2	0	-	±	-	0.633	0.721	-	-
Desethylterbuthylazine	H94 A	µg/l	18	2	0.643	±	0.0385	0.554	0.774	0.0544	8.5
	H94 B	µg/l	17	3	0.328	±	0.0149	0.295	0.374	0.0205	6.2
Desisopropylatrazine	H94 A	µg/l	19	4	0.165	±	0.0134	0.137	0.2	0.0195	12
	H94 B	µg/l	1	0	-	±	-	0.01	0.01	-	-
Diuron	H94 A	µg/l	4	1	-	±	-	0.004	0.006	-	-
	H94 B	µg/l	24	3	0.0865	±	0.00718	0.054	0.113	0.0117	14
Dimethenamide	H94 A	µg/l	11	0	0.393	±	0.0357	0.315	0.445	0.0394	10
	H94 B	µg/l	11	0	0.574	±	0.0518	0.466	0.667	0.0573	10
Dimethylsulfamide	H94 A	µg/l	6	0	0.358	±	0.137	0.173	0.489	0.112	31

Summary of results, after removal of outliers: Pesticides H94

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	±	CI (99%)	Minimum	Maximum	SD	RSD %
Dimethylsulfamide	H94 B	µg/l	6	0	0.395	±	0.0857	0.314	0.485	0.07	18
Desphenylchloridazon	H94 A	µg/l	10	1	0.303	±	0.0487	0.239	0.369	0.0514	17
	H94 B	µg/l	10	1	0.286	±	0.0392	0.237	0.355	0.0413	14
Methyldesphenylchloridazon	H94 A	µg/l	11	0	0.114	±	0.012	0.092	0.131	0.0133	12
	H94 B	µg/l	7	1	0.0204	±	0.00195	0.018	0.023	0.00172	8.4
Metolachlor	H94 A	µg/l	23	3	0.0934	±	0.00656	0.074	0.11	0.0105	11
	H94 B	µg/l	4	0	-	±	-	0.005	0.55	-	-
Nicosulfurone	H94 A	µg/l	5	0	-	±	-	0.009	0.157	-	-
	H94 B	µg/l	4	1	-	±	-	0.02	0.106	-	-
Prometryn	H94 A	µg/l	15	0	0.375	±	0.0292	0.305	0.454	0.0377	10
	H94 B	µg/l	15	1	0.718	±	0.0375	0.653	0.84	0.0484	6.7
Propazine	H94 A	µg/l	23	0	0.151	±	0.0137	0.096	0.204	0.0219	15
	H94 B	µg/l	21	2	0.28	±	0.0144	0.241	0.331	0.022	7.8
Sebuthylazine	H94 A	µg/l	1	0	-	±	-	0.147	0.147	-	-
	H94 B	µg/l	13	2	0.17	±	0.0119	0.145	0.199	0.0144	8.4
Simazine	H94 A	µg/l	5	1	-	±	-	0.005	0.01	-	-
	H94 B	µg/l	26	1	0.551	±	0.0366	0.432	0.667	0.0622	11
Terbuthylazine	H94 A	µg/l	1	0	-	±	-	0.004	0.004	-	-
	H94 B	µg/l	24	2	0.0948	±	0.00676	0.077	0.12	0.011	12
Terbutryn	H94 A	µg/l	19	2	0.384	±	0.0172	0.328	0.42	0.0249	6.5
	H94 B	µg/l	19	2	0.753	±	0.043	0.635	0.88	0.0625	8.3

7 Parameter oriented report

Parameter oriented report

H94 A

2,6-Dichlorobenzamide

Unit	µg/l
Mean ± CI (99%)	0.55 ± 0.04
Minimum - Maximum	0.414 - 0.647
Control test value ± U	0.535 ± 0.0181

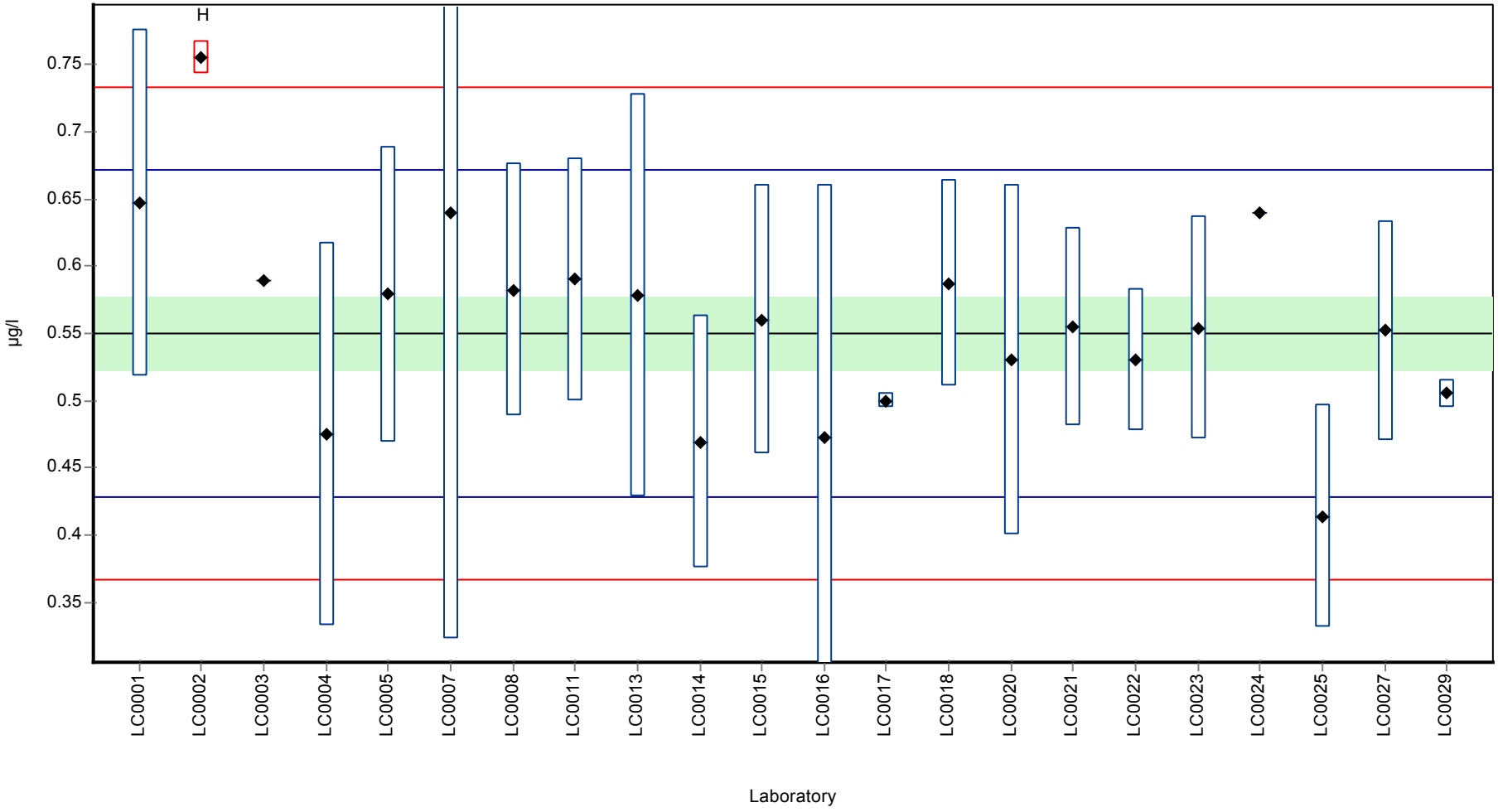
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.647	0.129	118	1.59	
LC0002	0.755	0.012	137	3.35	H
LC0003	0.589	-	107	0.64	
LC0004	0.475	0.143	86.4	-1.22	
LC0005	0.5793	0.11	105	0.48	
LC0006	-	-	-	-	
LC0007	0.6391	0.3162	116	1.46	
LC0008	0.582	0.094	106	0.53	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.59	0.09	107	0.66	
LC0012	-	-	-	-	
LC0013	0.578	0.15	105	0.46	
LC0014	0.469	0.094	85.3	-1.32	
LC0015	0.56	0.1	102	0.17	
LC0016	0.472	0.189	85.8	-1.27	
LC0017	0.5	0.006	90.9	-0.81	
LC0018	0.587	0.077	107	0.61	
LC0019	-	-	-	-	
LC0020	0.53	0.13	96.4	-0.33	
LC0021	0.555	0.074	101	0.08	
LC0022	0.53	0.053	96.4	-0.33	
LC0023	0.554	0.083	101	0.07	
LC0024	0.64	-	116	1.47	
LC0025	0.414	0.083	75.3	-2.22	
LC0026	-	-	-	-	
LC0027	0.552	0.082	100	0.03	
LC0028	-	-	-	-	
LC0029	0.505	0.0108	91.8	-0.73	
LC0030	-	-	-	-	

Characteristics of parameter

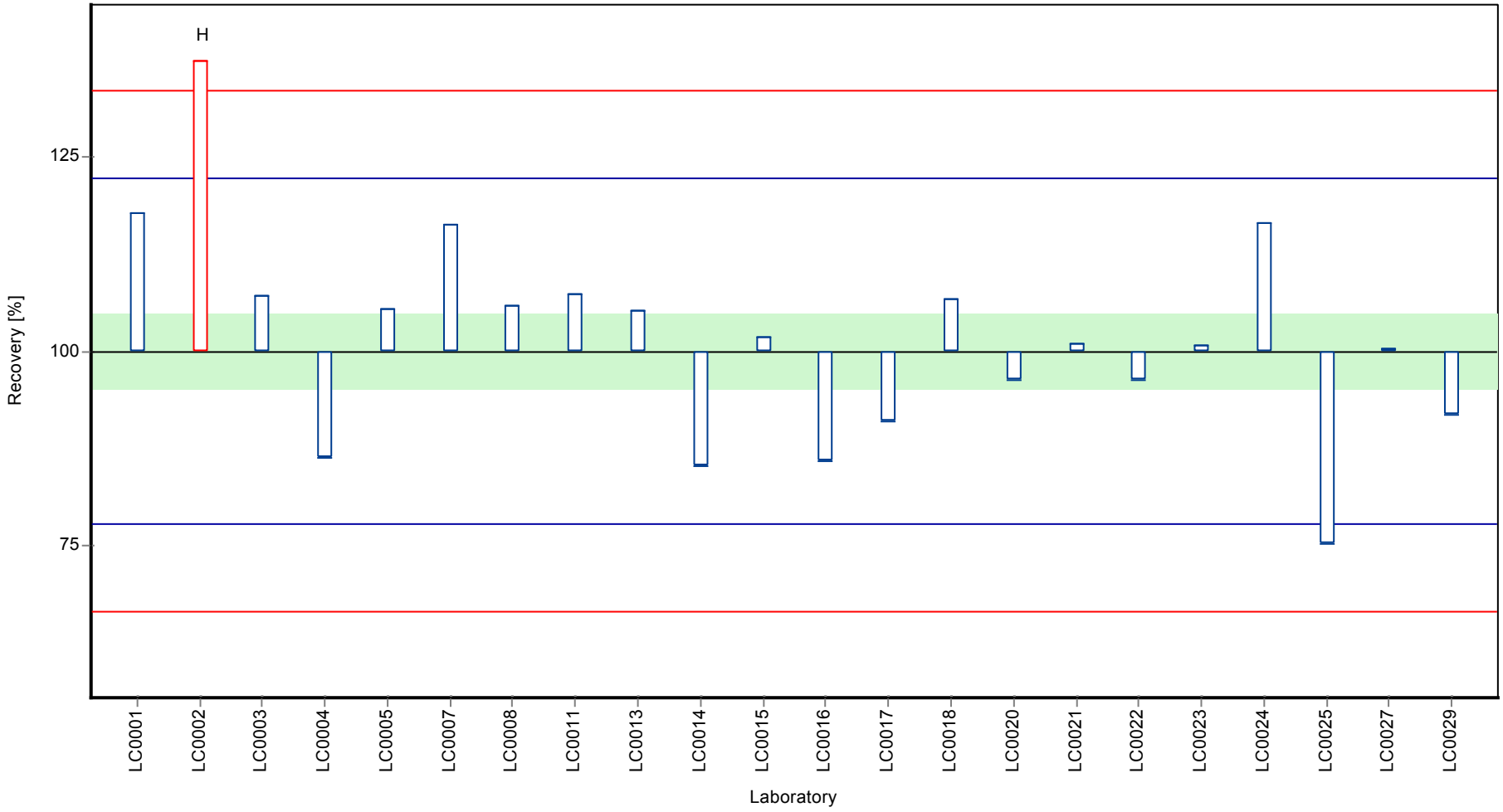
	all results	without outliers	Unit
Mean ± CI (99%)	0.559 ± 0.0473	0.55 ± 0.04	µg/l
Minimum	0.414	0.414	µg/l
Maximum	0.755	0.647	µg/l
Standard deviation	0.074	0.0612	µg/l
rel. Standard deviation	13.2	11.1	%
n	22	21	-

Graphical presentation of results

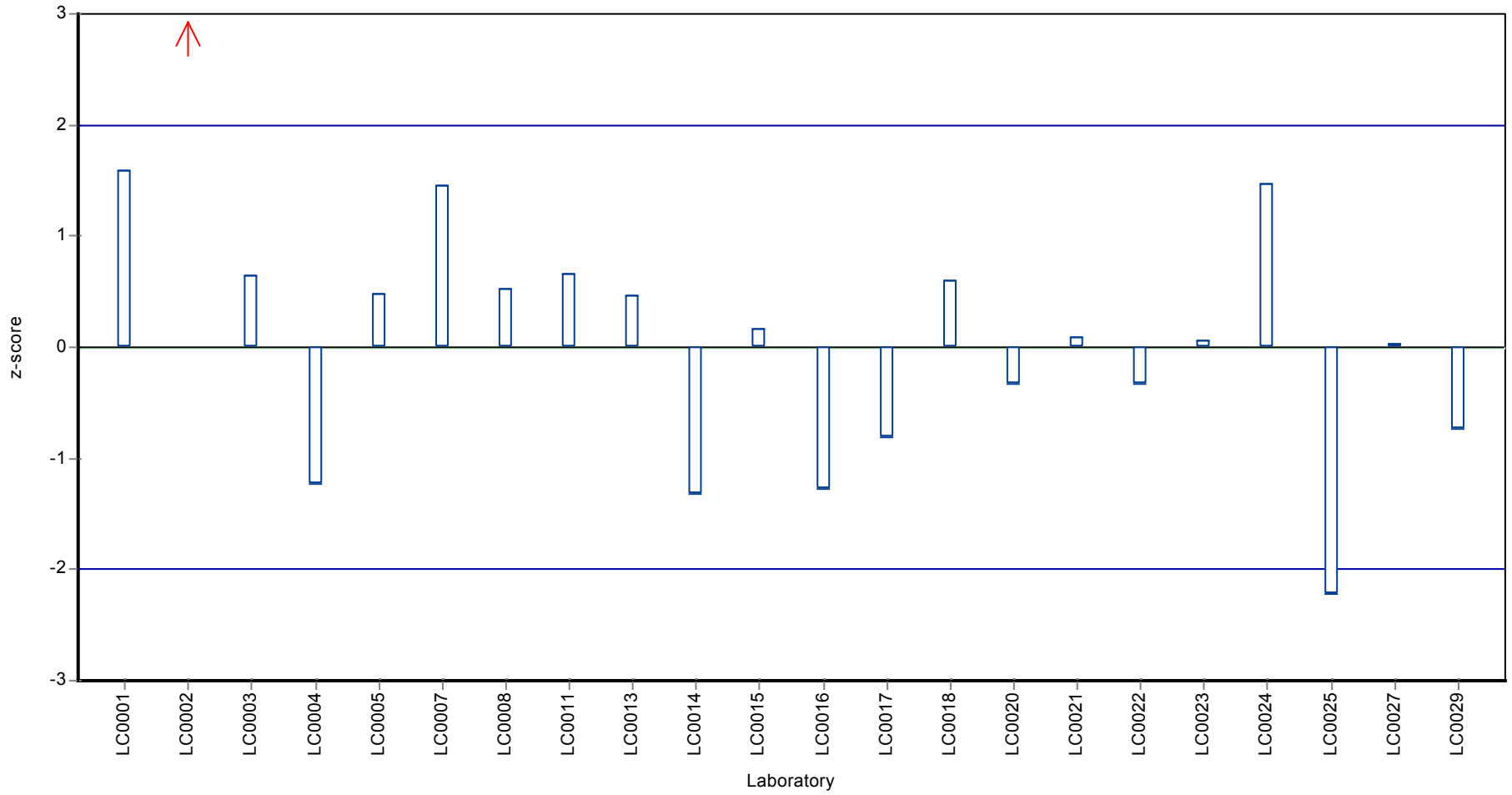
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0007
LC0008
LC0011
LC0013
LC0014
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0029
Laboratory

Parameter oriented report

H94 B

2,6-Dichlorobenzamide

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.006 - 0.006
Control test value ± U	< 0.025 (LOD)

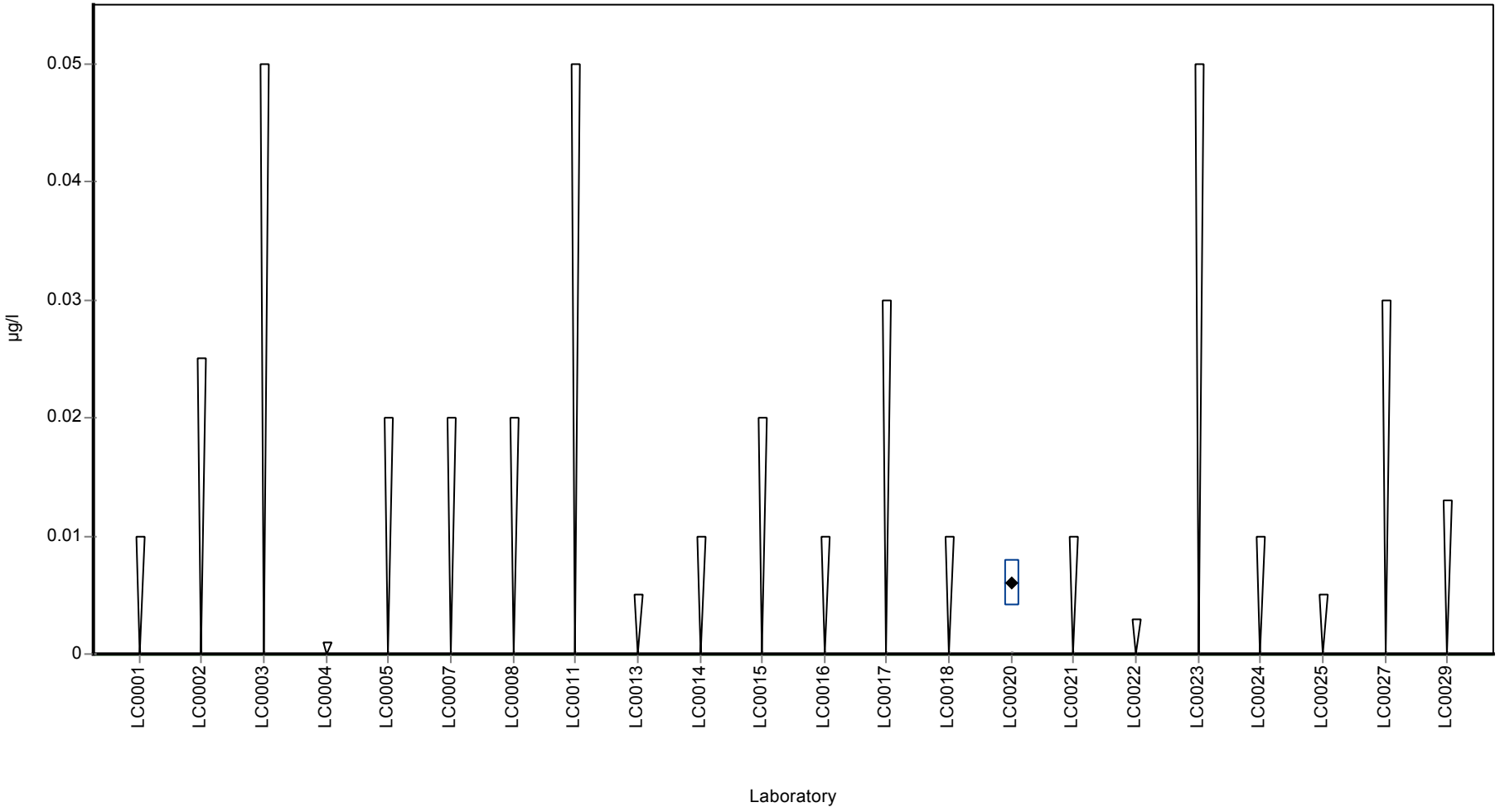
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.001 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	0.006	0.002	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.003 (LOQ)	-	-	-	
LC0023	< 0.05 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	<0.005 (LOD)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	<0.013 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.006	-	µg/l
Minimum	0.006	0.006	µg/l
Maximum	0.006	0.006	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H94 A

Alachlor

Unit	µg/l
Mean ± CI (99%)	0.343 ± 0.0247
Minimum - Maximum	0.282 - 0.402
Control test value ± U	0.324 ± 0.0105

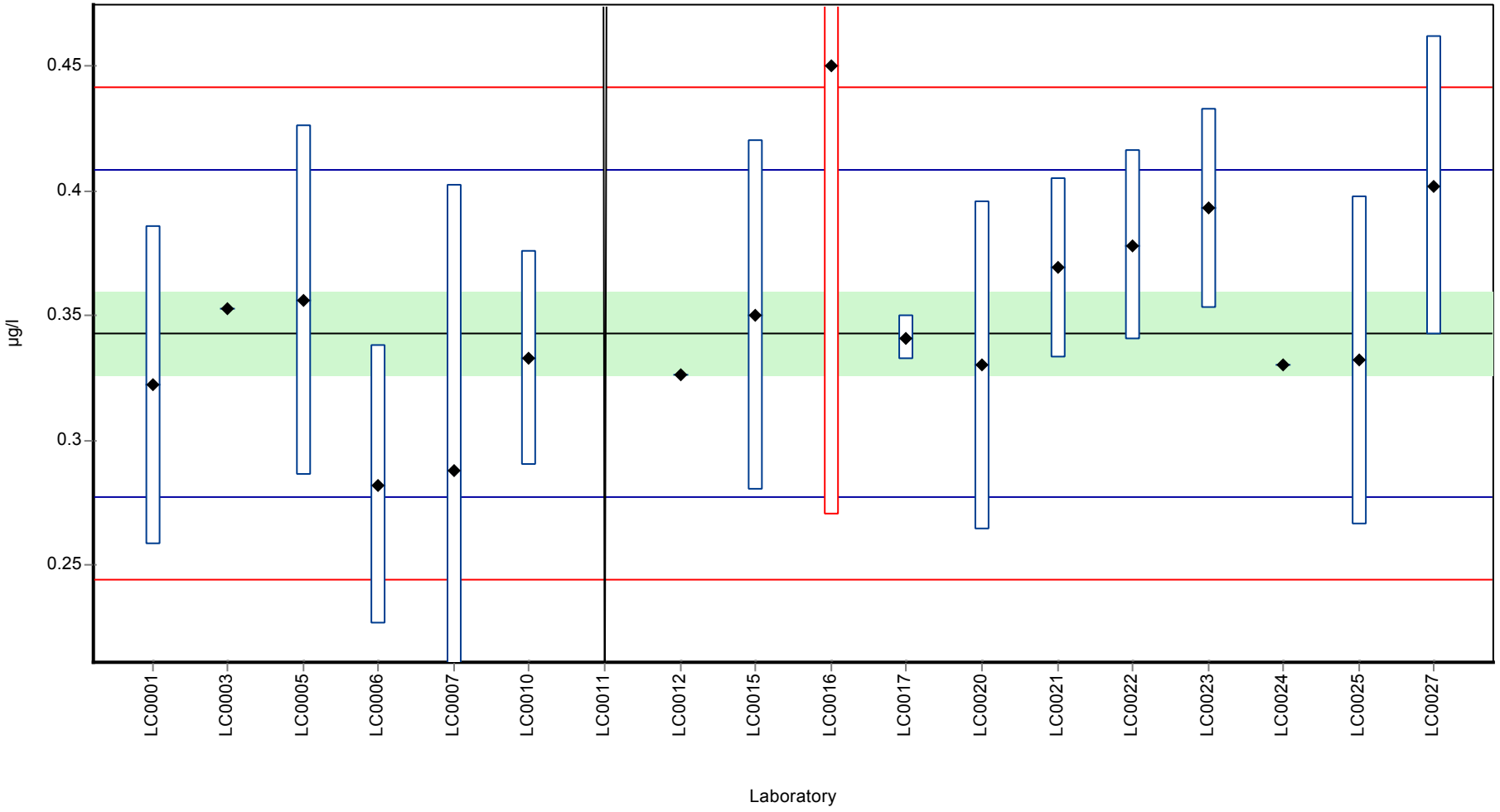
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.322	0.064	93.9	-0.63	
LC0002	-	-	-	-	
LC0003	0.353	-	103	0.31	
LC0004	-	-	-	-	
LC0005	0.356	0.07	104	0.4	
LC0006	0.282	0.056	82.3	-1.85	
LC0007	0.2877	0.1145	83.9	-1.67	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.333	0.043	97.1	-0.3	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	0.326	-	95.1	-0.51	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.35	0.07	102	0.22	
LC0016	0.45	0.18	131	3.25	H
LC0017	0.341	0.009	99.5	-0.05	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.33	0.066	96.3	-0.39	
LC0021	0.369	0.036	108	0.8	
LC0022	0.378	0.038	110	1.07	
LC0023	0.393	0.04	115	1.52	
LC0024	0.33	-	96.3	-0.39	
LC0025	0.332	0.066	96.9	-0.33	
LC0026	-	-	-	-	
LC0027	0.402	0.06	117	1.8	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

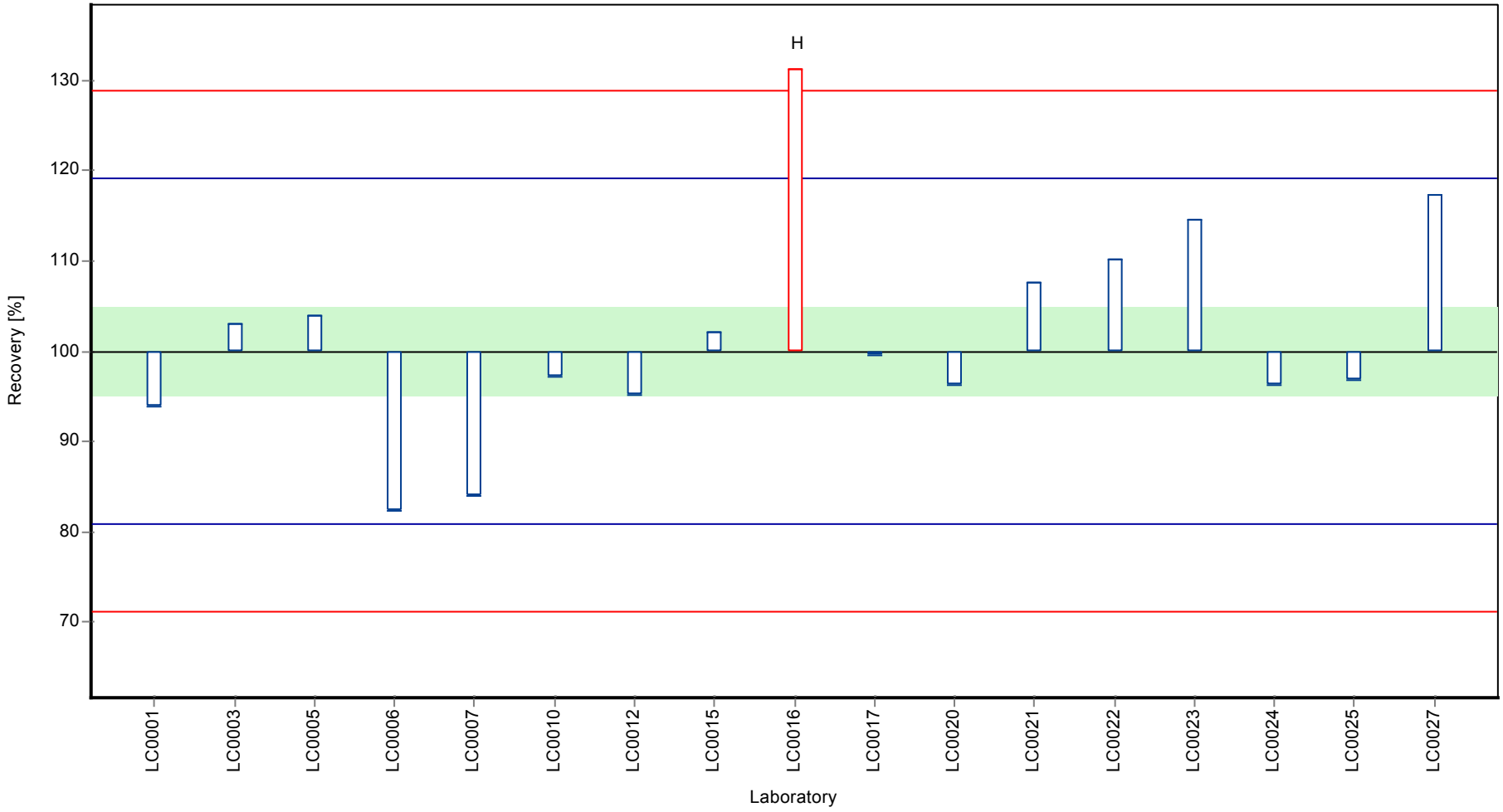
	all results	without outliers	Unit
Mean ± CI (99%)	0.349 ± 0.0299	0.343 ± 0.0247	µg/l
Minimum	0.282	0.282	µg/l
Maximum	0.45	0.402	µg/l
Standard deviation	0.0411	0.0329	µg/l
rel. Standard deviation	11.8	9.61	%
n	17	16	-

Graphical presentation of results

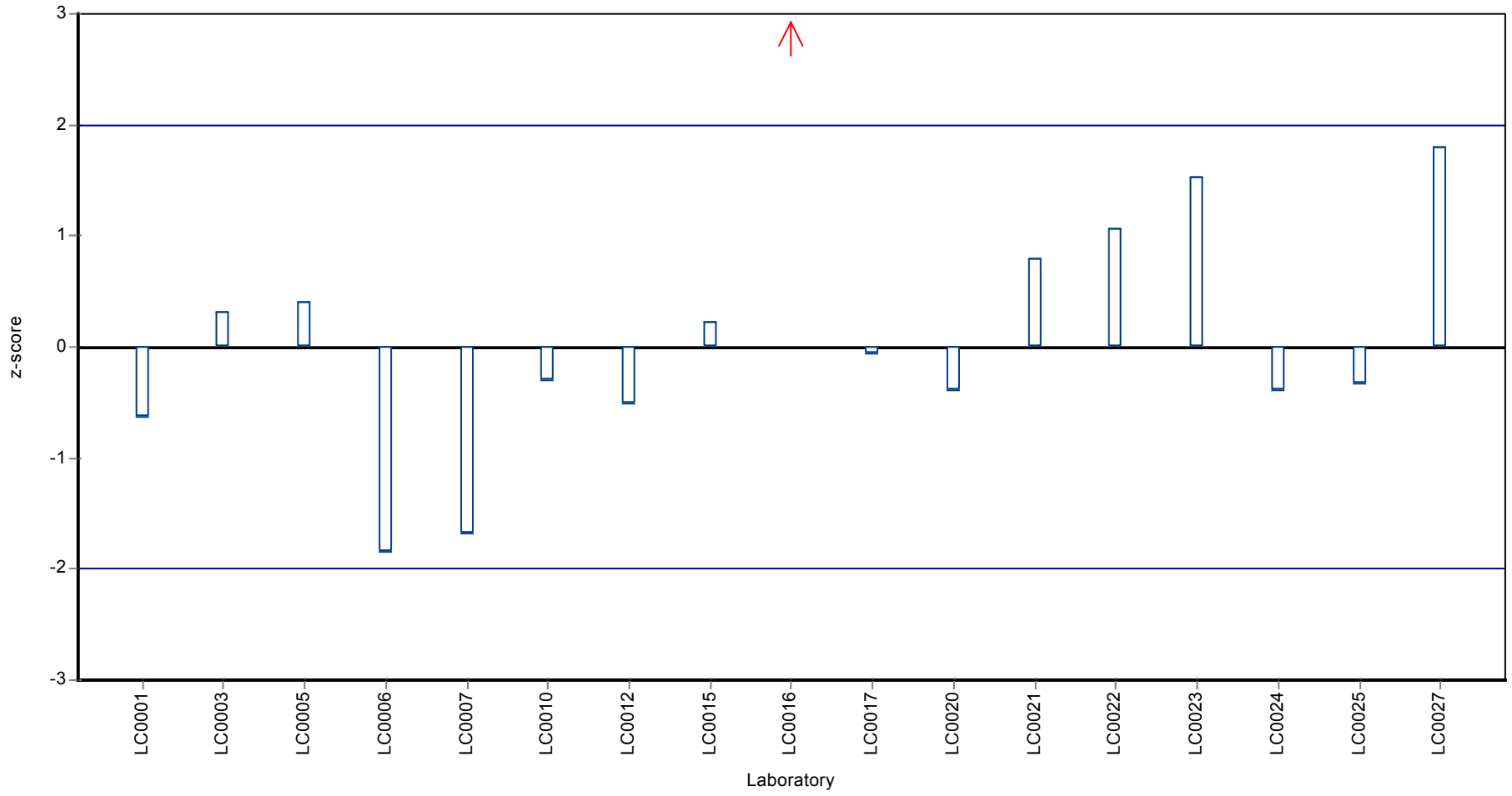
Results



Recovery rate



Z-score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2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0010
LC0012
LC0015
LC0016
LC0017
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 B

Alachlor

Unit	µg/l
Mean ± CI (99%)	0.521 ± 0.0149
Minimum - Maximum	0.483 - 0.542
Control test value ± U	0.480 ± 0.0206

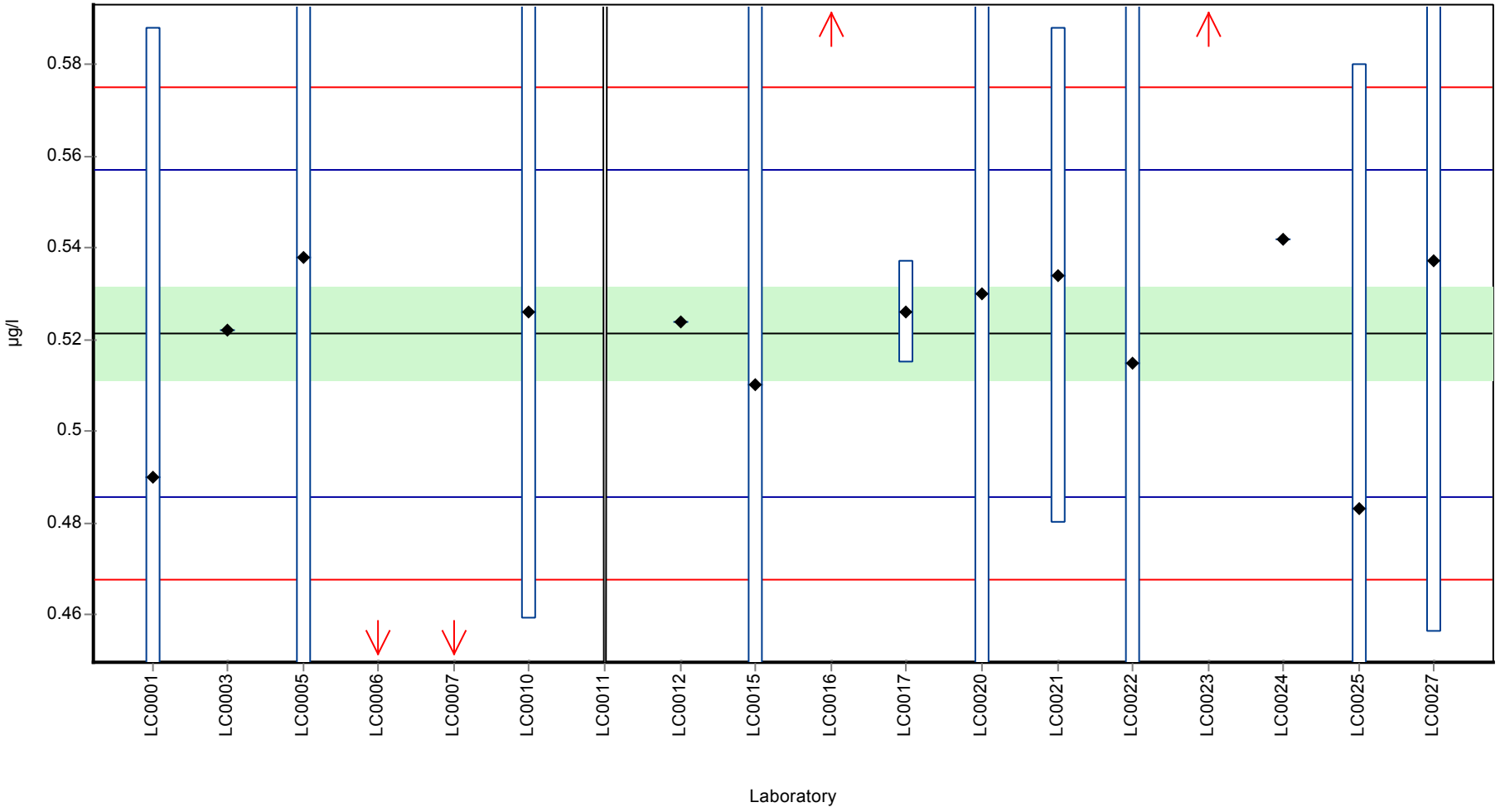
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.49	0.098	94	-1.75	
LC0002	-	-	-	-	
LC0003	0.522	-	100	0.04	
LC0004	-	-	-	-	
LC0005	0.538	0.12	103	0.93	
LC0006	0.432	0.086	82.9	-4.98	H
LC0007	0.4238	0.1687	81.3	-5.44	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.526	0.067	101	0.26	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	0.524	-	101	0.15	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.51	0.1	97.8	-0.63	
LC0016	0.704	0.282	135	10.2	H
LC0017	0.526	0.011	101	0.26	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.53	0.11	102	0.48	
LC0021	0.534	0.054	102	0.71	
LC0022	0.515	0.078	98.8	-0.35	
LC0023	0.595	0.06	114	4.11	H
LC0024	0.542	-	104	1.15	
LC0025	0.483	0.097	92.7	-2.14	
LC0026	-	-	-	-	
LC0027	0.537	0.081	103	0.88	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

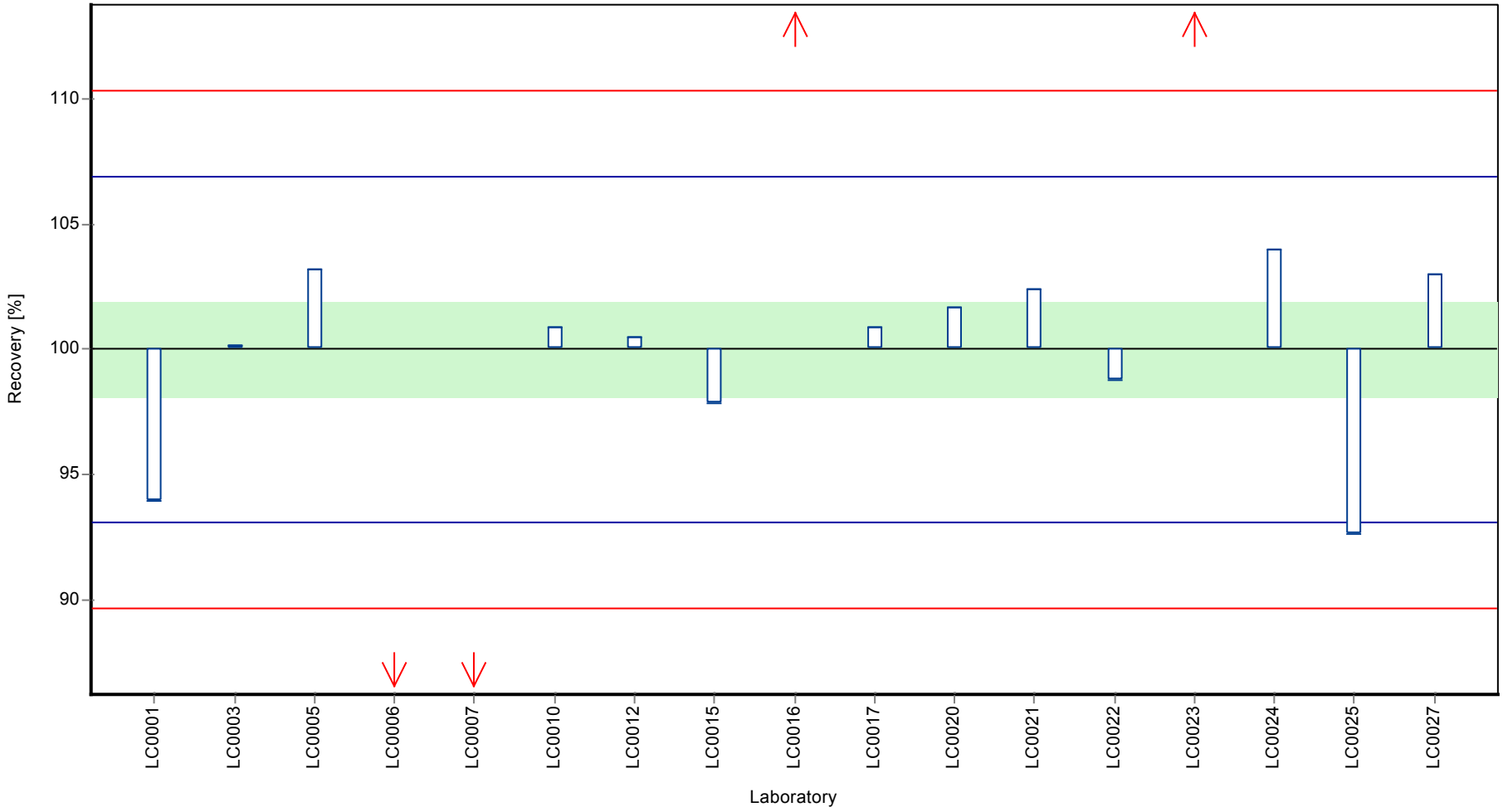
	all results	without outliers	Unit
Mean ± CI (99%)	0.525 ± 0.0445	0.521 ± 0.0149	µg/l
Minimum	0.424	0.483	µg/l
Maximum	0.704	0.542	µg/l
Standard deviation	0.0612	0.0179	µg/l
rel. Standard deviation	11.6	3.44	%
n	17	13	-

Graphical presentation of results

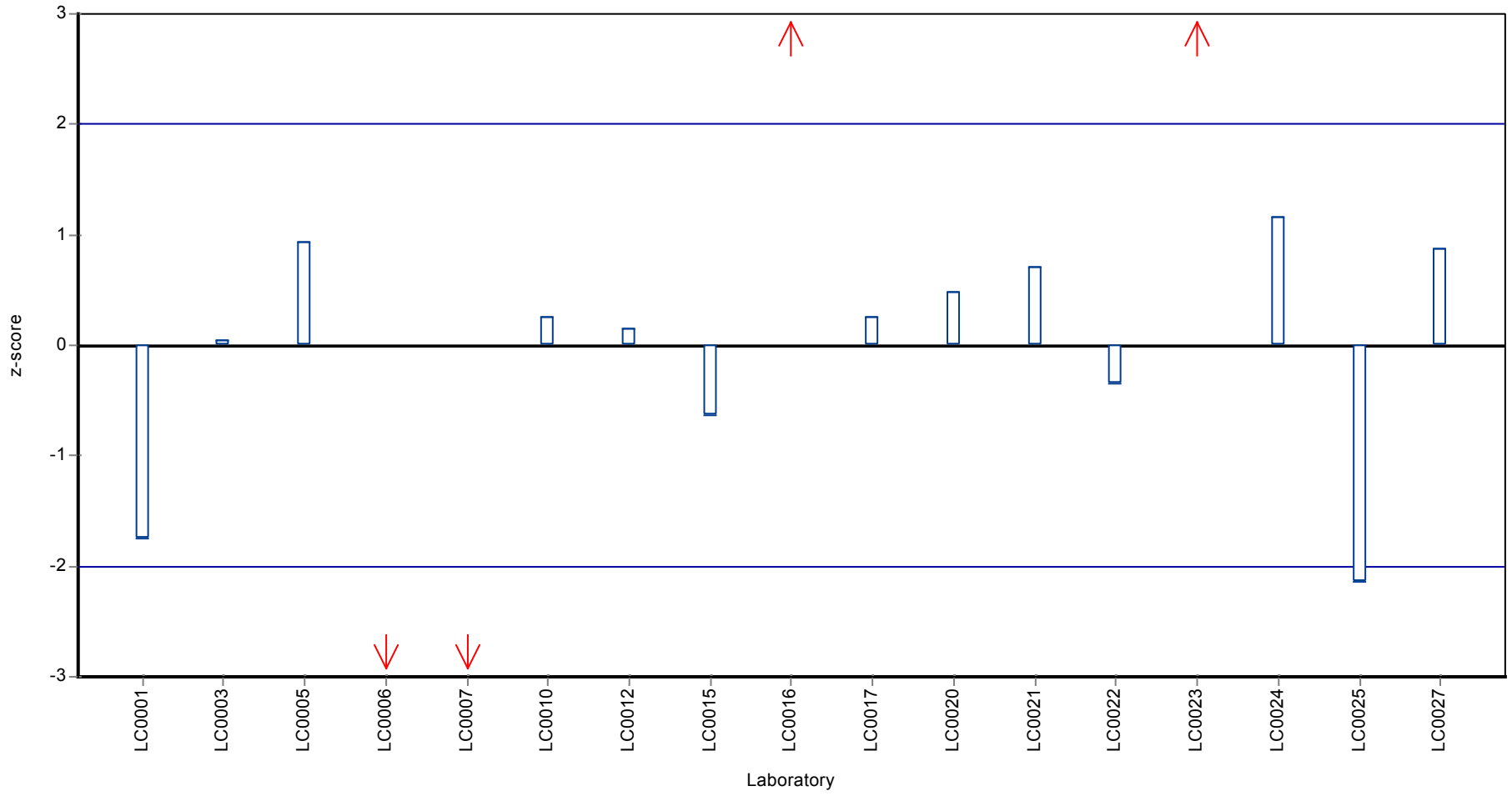
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0010
LC0012
LC0015
LC0016
LC0017
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 A

Atrazine

Unit	µg/l
Mean ± CI (99%)	0.464 ± 0.0232
Minimum - Maximum	0.352 - 0.568
Control test value ± U	0.456 ± 0.0146

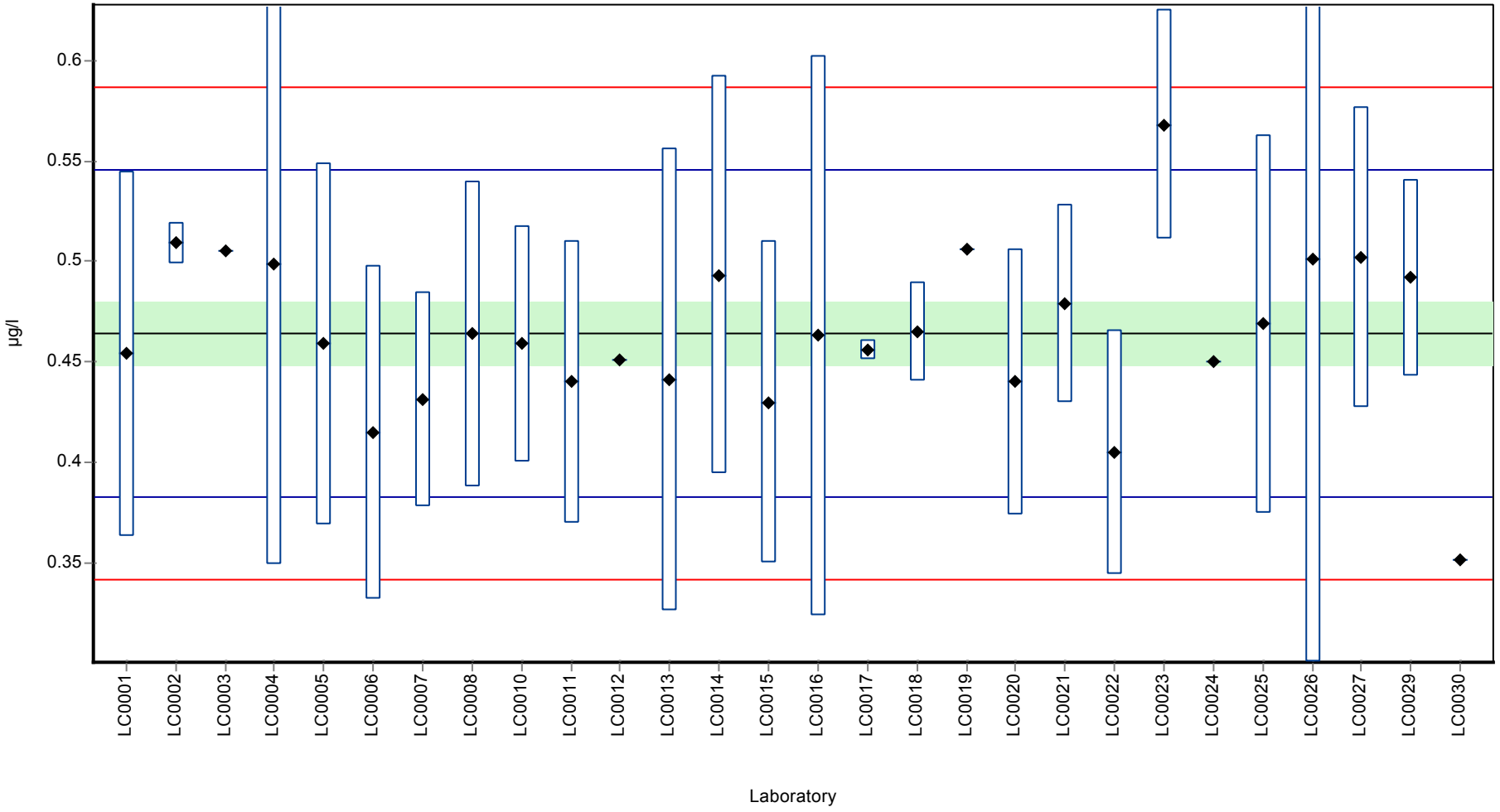
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.454	0.091	97.8	-0.25	
LC0002	0.509	0.01	110	1.1	
LC0003	0.505	-	109	1	
LC0004	0.499	0.15	107	0.85	
LC0005	0.4589	0.09	98.9	-0.13	
LC0006	0.415	0.083	89.4	-1.2	
LC0007	0.4312	0.0532	92.9	-0.81	
LC0008	0.464	0.076	100	-0.01	
LC0009	-	-	-	-	
LC0010	0.459	0.059	98.9	-0.13	
LC0011	0.44	0.07	94.8	-0.59	
LC0012	0.451	-	97.2	-0.32	
LC0013	0.441	0.115	95	-0.57	
LC0014	0.493	0.099	106	0.7	
LC0015	0.43	0.08	92.6	-0.84	
LC0016	0.463	0.139	99.7	-0.03	
LC0017	0.456	0.005	98.2	-0.2	
LC0018	0.465	0.025	100	0.02	
LC0019	0.506	-	109	1.02	
LC0020	0.44	0.066	94.8	-0.59	
LC0021	0.479	0.049	103	0.36	
LC0022	0.405	0.061	87.2	-1.45	
LC0023	0.568	0.057	122	2.54	
LC0024	0.45	-	96.9	-0.35	
LC0025	0.469	0.094	101	0.12	
LC0026	0.501	0.2	108	0.9	
LC0027	0.502	0.075	108	0.92	
LC0028	-	-	-	-	
LC0029	0.492	0.049	106	0.68	
LC0030	0.352	-	75.8	-2.75	

Characteristics of parameter

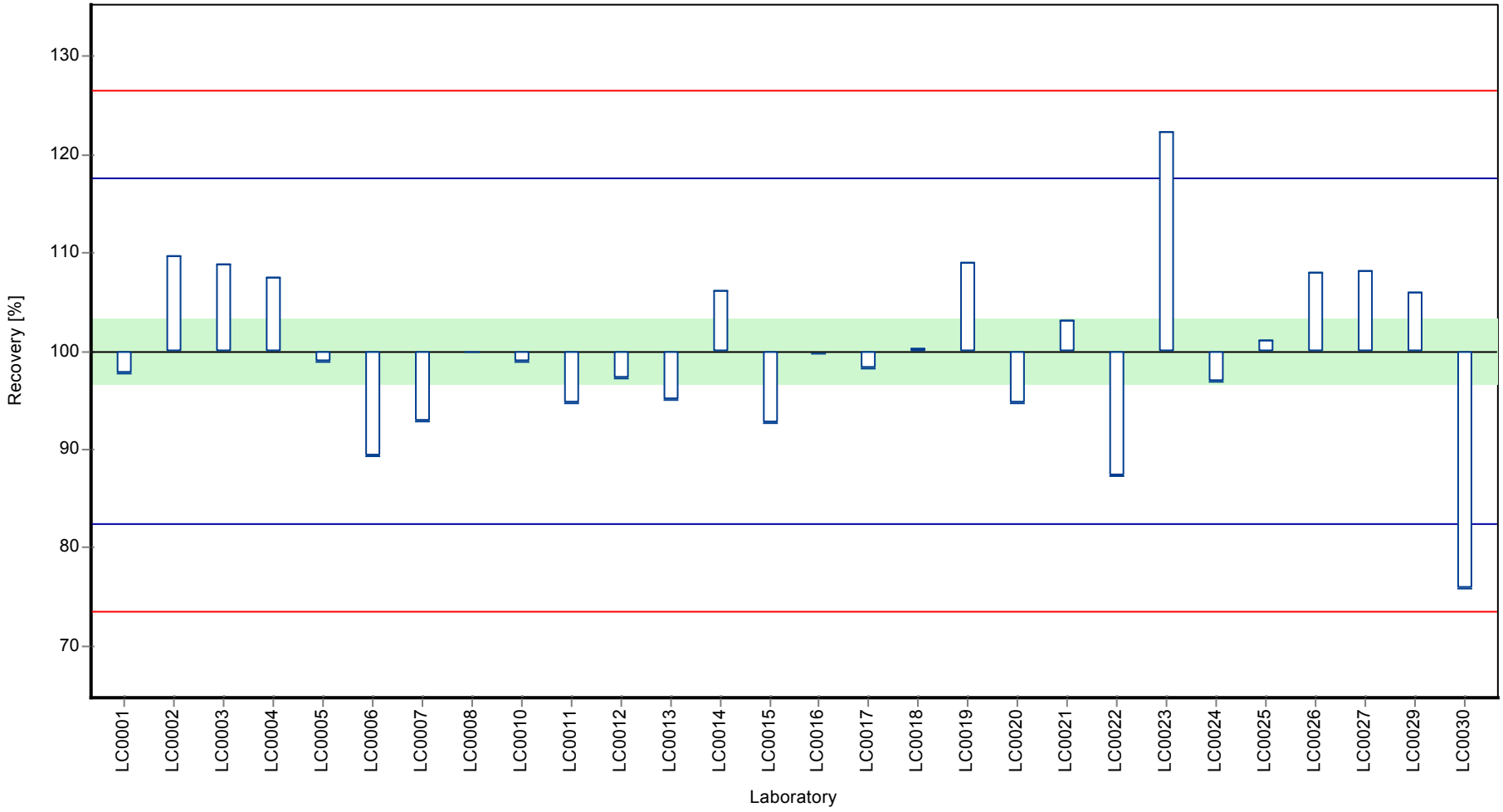
	all results	without outliers	Unit
Mean ± CI (99%)	0.464 ± 0.0232	0.464 ± 0.0232	µg/l
Minimum	0.352	0.352	µg/l
Maximum	0.568	0.568	µg/l
Standard deviation	0.0409	0.0409	µg/l
rel. Standard deviation	8.81	8.81	%
n	28	28	-

Graphical presentation of results

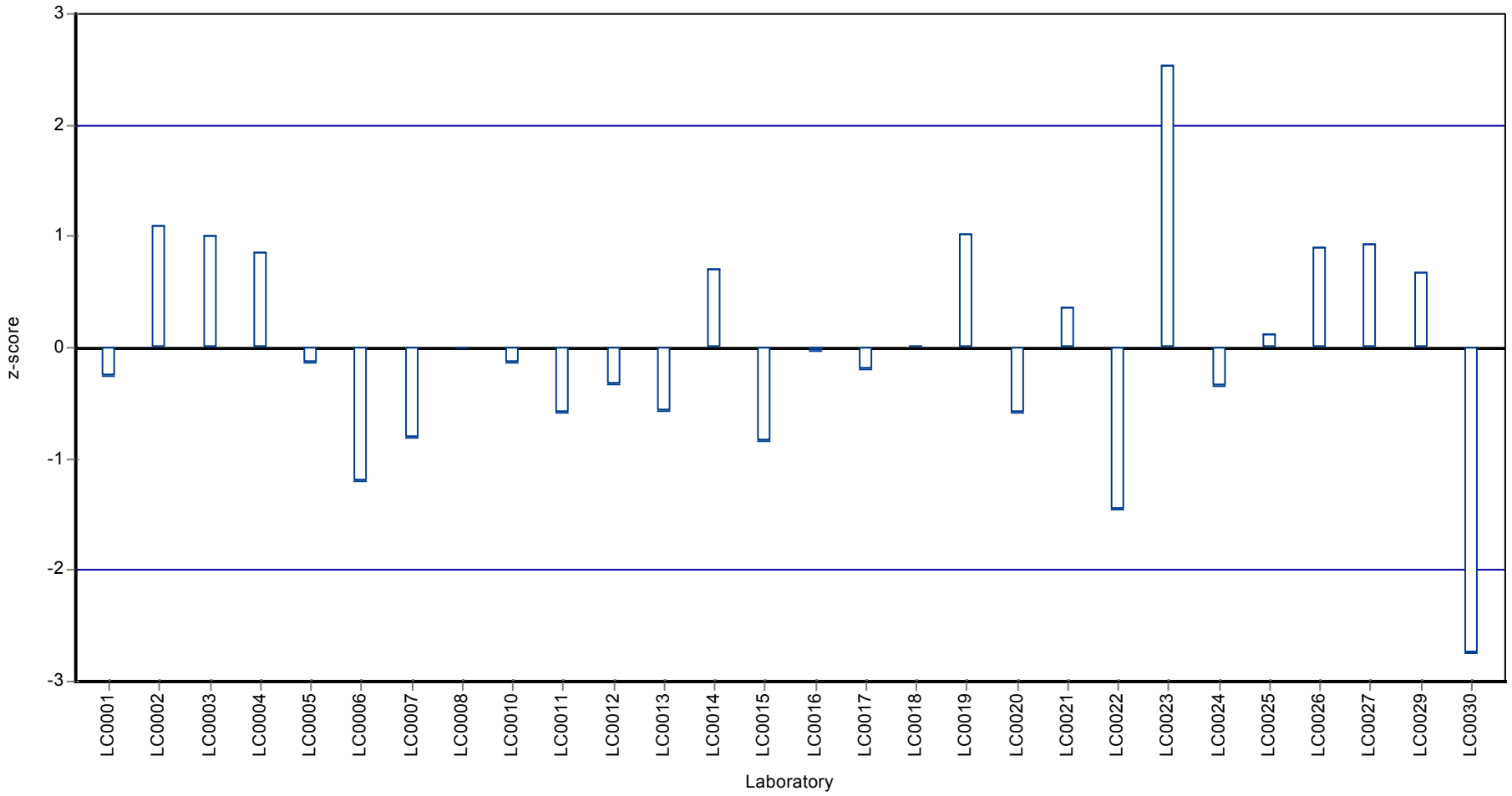
Results



Recovery rate



Z-score


3
2
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-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
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LC0010
LC0011
LC0012
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LC0014
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0026
LC0027
LC0029
LC0030
Laboratory

Parameter oriented report

H94 B

Atrazine

Unit	µg/l
Mean ± CI (99%)	0.355 ± 0.0194
Minimum - Maximum	0.299 - 0.419
Control test value ± U	0.349 ± 0.00806

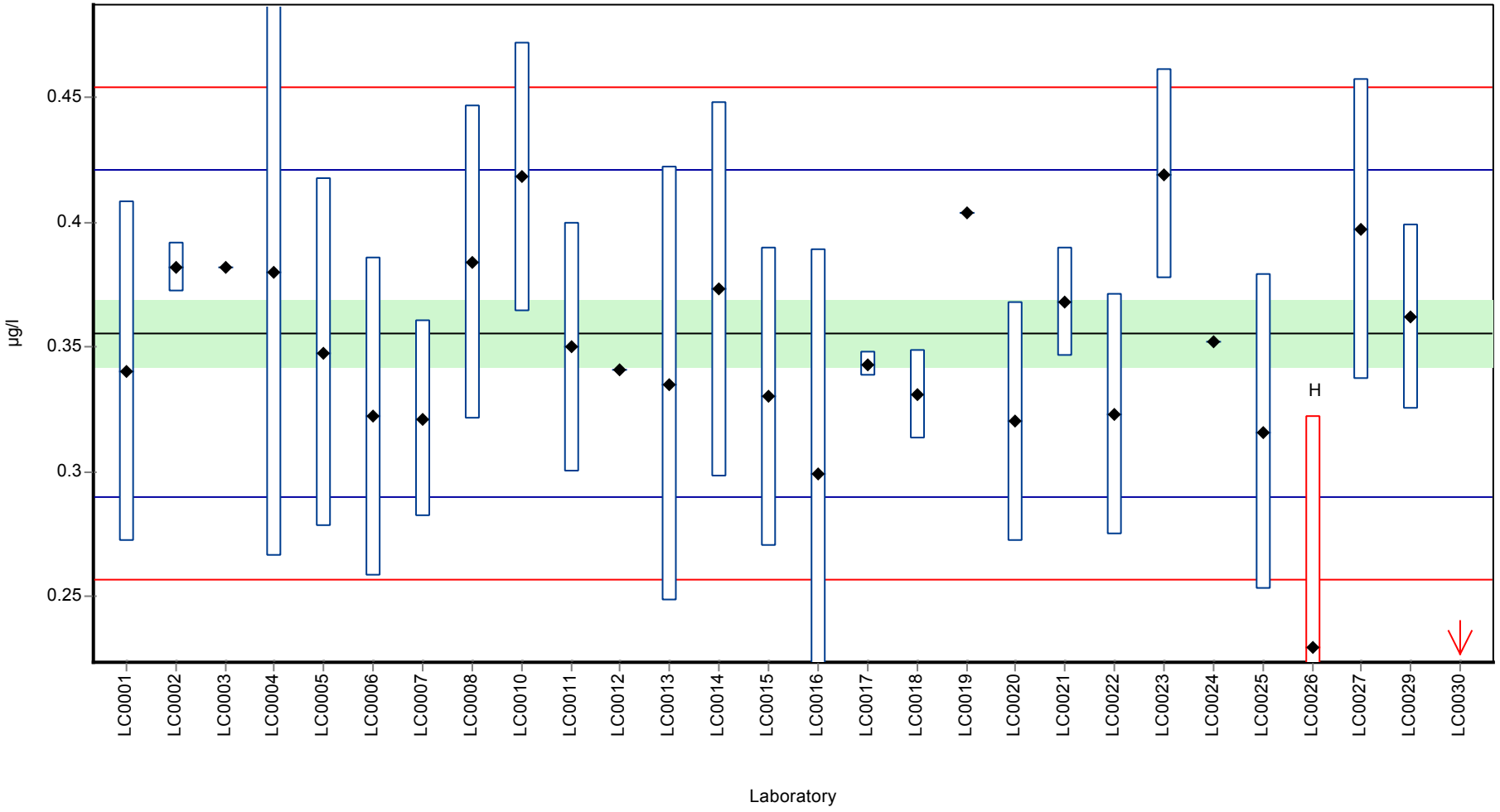
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.34	0.068	95.7	-0.47	
LC0002	0.382	0.01	107	0.81	
LC0003	0.382	-	107	0.81	
LC0004	0.38	0.114	107	0.75	
LC0005	0.3477	0.07	97.8	-0.23	
LC0006	0.322	0.064	90.6	-1.01	
LC0007	0.3213	0.0396	90.4	-1.04	
LC0008	0.384	0.063	108	0.87	
LC0009	-	-	-	-	
LC0010	0.418	0.054	118	1.9	
LC0011	0.35	0.05	98.5	-0.16	
LC0012	0.341	-	96	-0.44	
LC0013	0.335	0.087	94.3	-0.62	
LC0014	0.373	0.075	105	0.54	
LC0015	0.33	0.06	92.9	-0.77	
LC0016	0.299	0.09	84.1	-1.71	
LC0017	0.343	0.005	96.5	-0.38	
LC0018	0.331	0.018	93.1	-0.74	
LC0019	0.404	-	114	1.48	
LC0020	0.32	0.048	90	-1.08	
LC0021	0.368	0.022	104	0.38	
LC0022	0.323	0.048	90.9	-0.98	
LC0023	0.419	0.042	118	1.93	
LC0024	0.352	-	99	-0.1	
LC0025	0.316	0.063	88.9	-1.2	
LC0026	0.23	0.092	64.7	-3.81	H
LC0027	0.397	0.06	112	1.26	
LC0028	-	-	-	-	
LC0029	0.362	0.037	102	0.2	
LC0030	0.179	-	50.4	-5.36	H

Characteristics of parameter

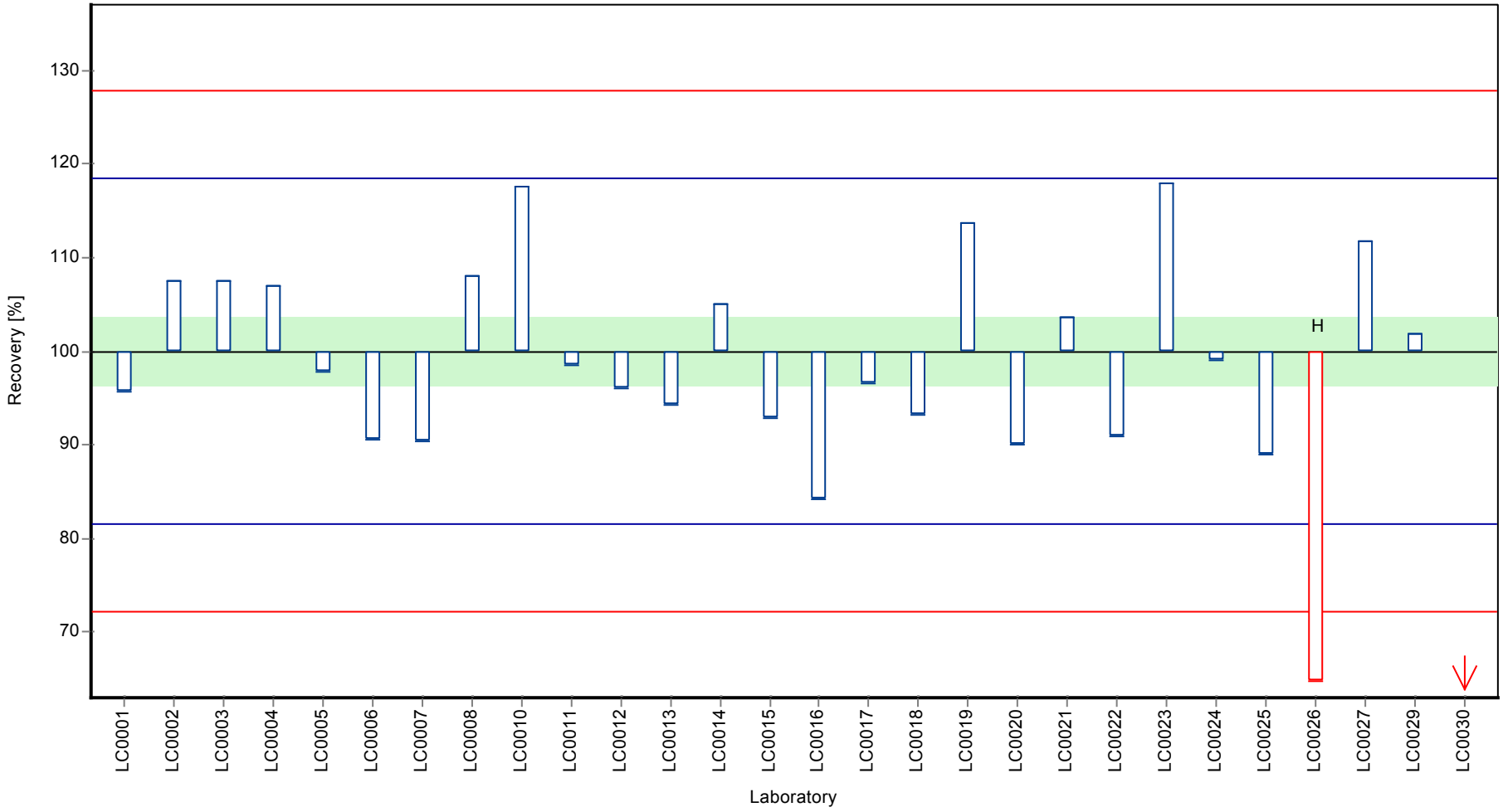
	all results	without outliers	Unit
Mean ± CI (99%)	0.345 ± 0.029	0.355 ± 0.0194	µg/l
Minimum	0.179	0.299	µg/l
Maximum	0.419	0.419	µg/l
Standard deviation	0.0512	0.0329	µg/l
rel. Standard deviation	14.8	9.26	%
n	28	26	-

Graphical presentation of results

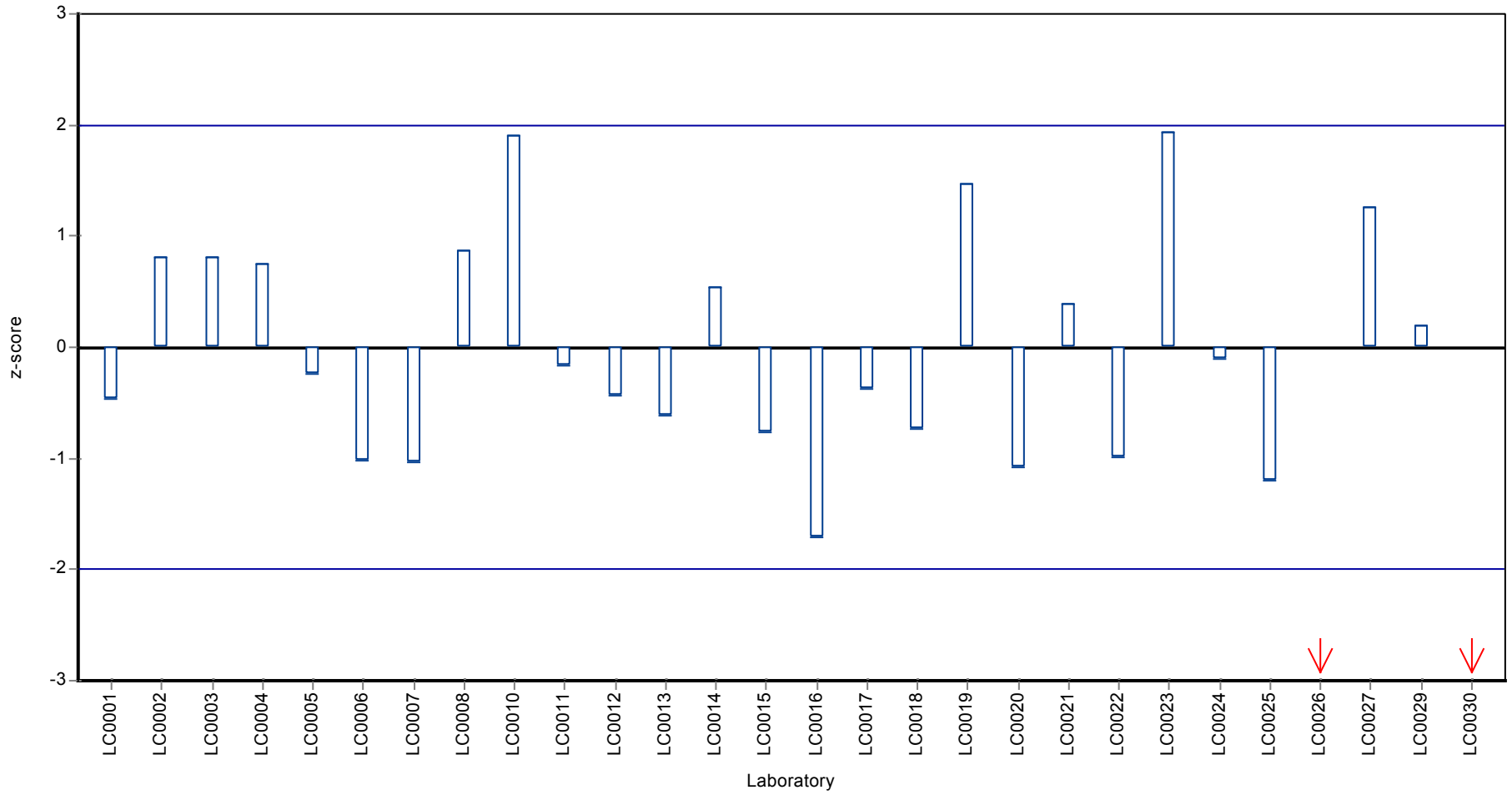
Results



Recovery rate



Z-score


3
2
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0
-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0014
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0026
LC0027
LC0029
LC0030
Laboratory

Parameter oriented report

H94 A

Bromacil

Unit	µg/l
Mean ± CI (99%)	0.737 ± 0.0683
Minimum - Maximum	0.514 - 0.846
Control test value ± U	0.728 ± 0.0212

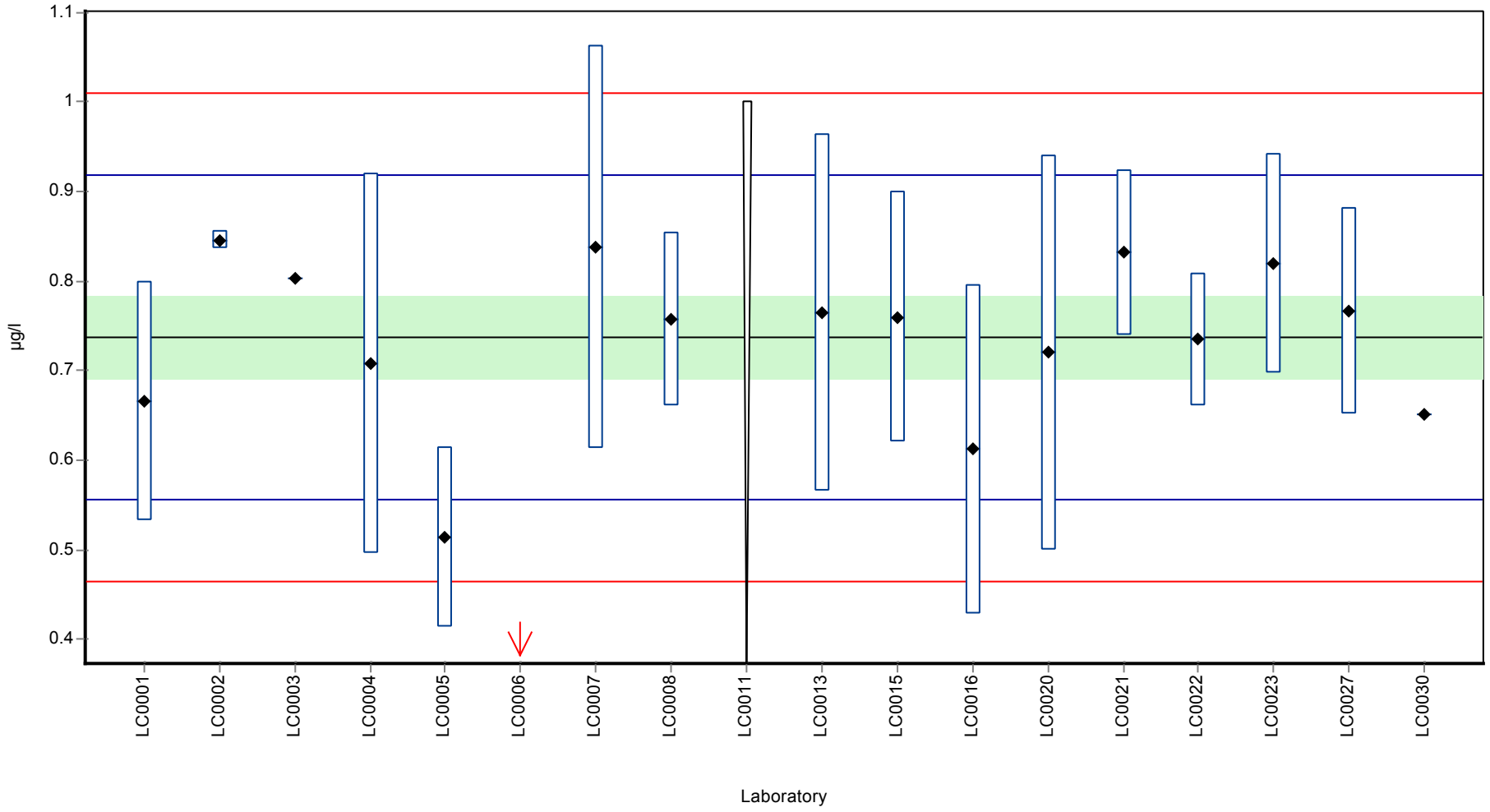
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.666	0.133	90.3	-0.78	
LC0002	0.846	0.01	115	1.19	
LC0003	0.804	-	109	0.73	
LC0004	0.708	0.212	96	-0.32	
LC0005	0.5139	0.1	69.7	-2.45	
LC0006	0.366	0.073	49.6	-4.08	H
LC0007	0.8386	0.2248	114	1.11	
LC0008	0.758	0.097	103	0.23	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.765	0.199	104	0.3	
LC0014	-	-	-	-	
LC0015	0.76	0.14	103	0.25	
LC0016	0.612	0.184	83	-1.38	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.72	0.22	97.7	-0.19	
LC0021	0.832	0.092	113	1.04	
LC0022	0.735	0.074	99.7	-0.03	
LC0023	0.82	0.123	111	0.91	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.767	0.115	104	0.33	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.651	-	88.3	-0.95	

Characteristics of parameter

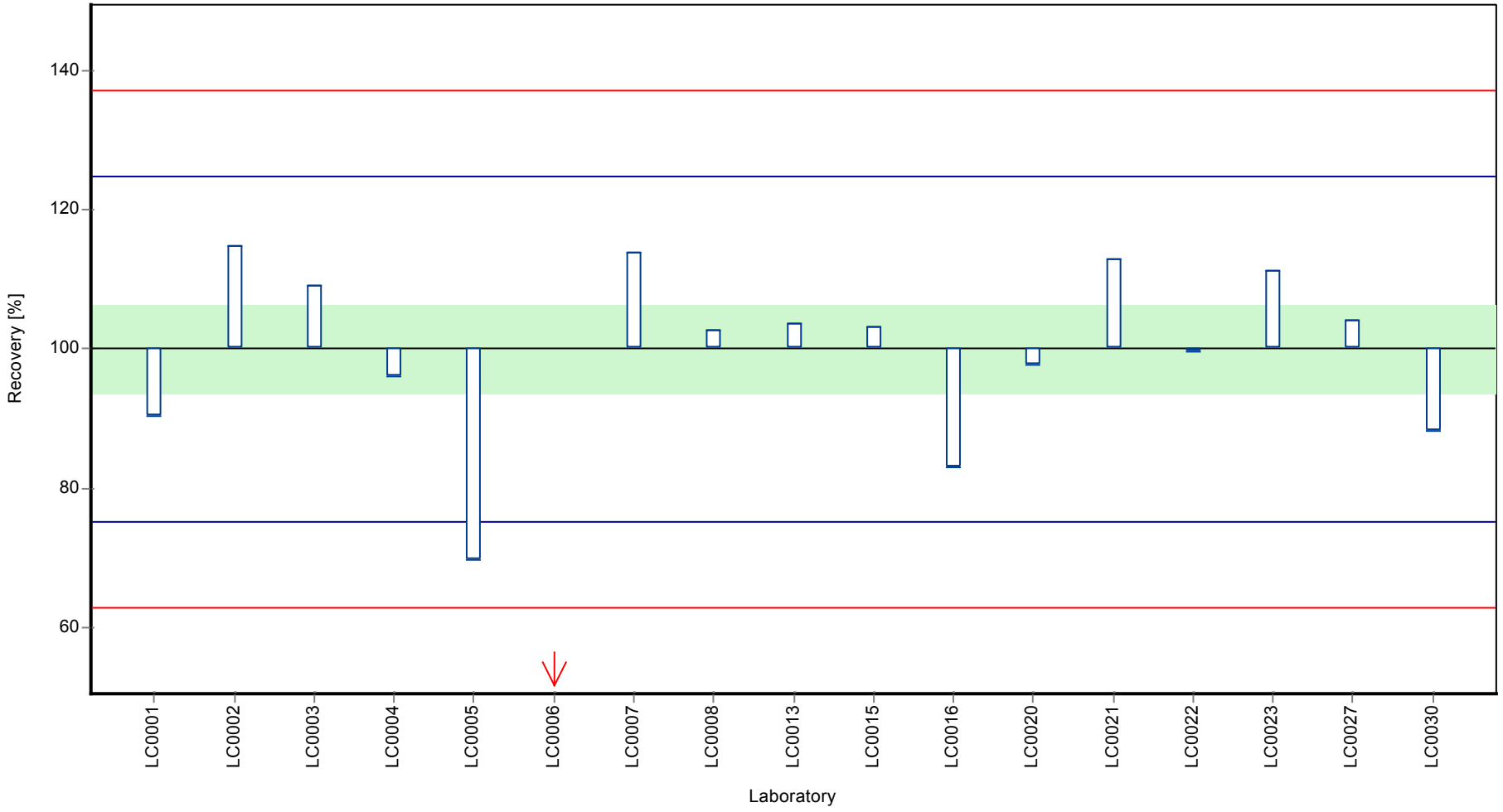
	all results	without outliers	Unit
Mean ± CI (99%)	0.715 ± 0.0917	0.737 ± 0.0683	µg/l
Minimum	0.366	0.514	µg/l
Maximum	0.846	0.846	µg/l
Standard deviation	0.126	0.091	µg/l
rel. Standard deviation	17.6	12.3	%
n	17	16	-

Graphical presentation of results

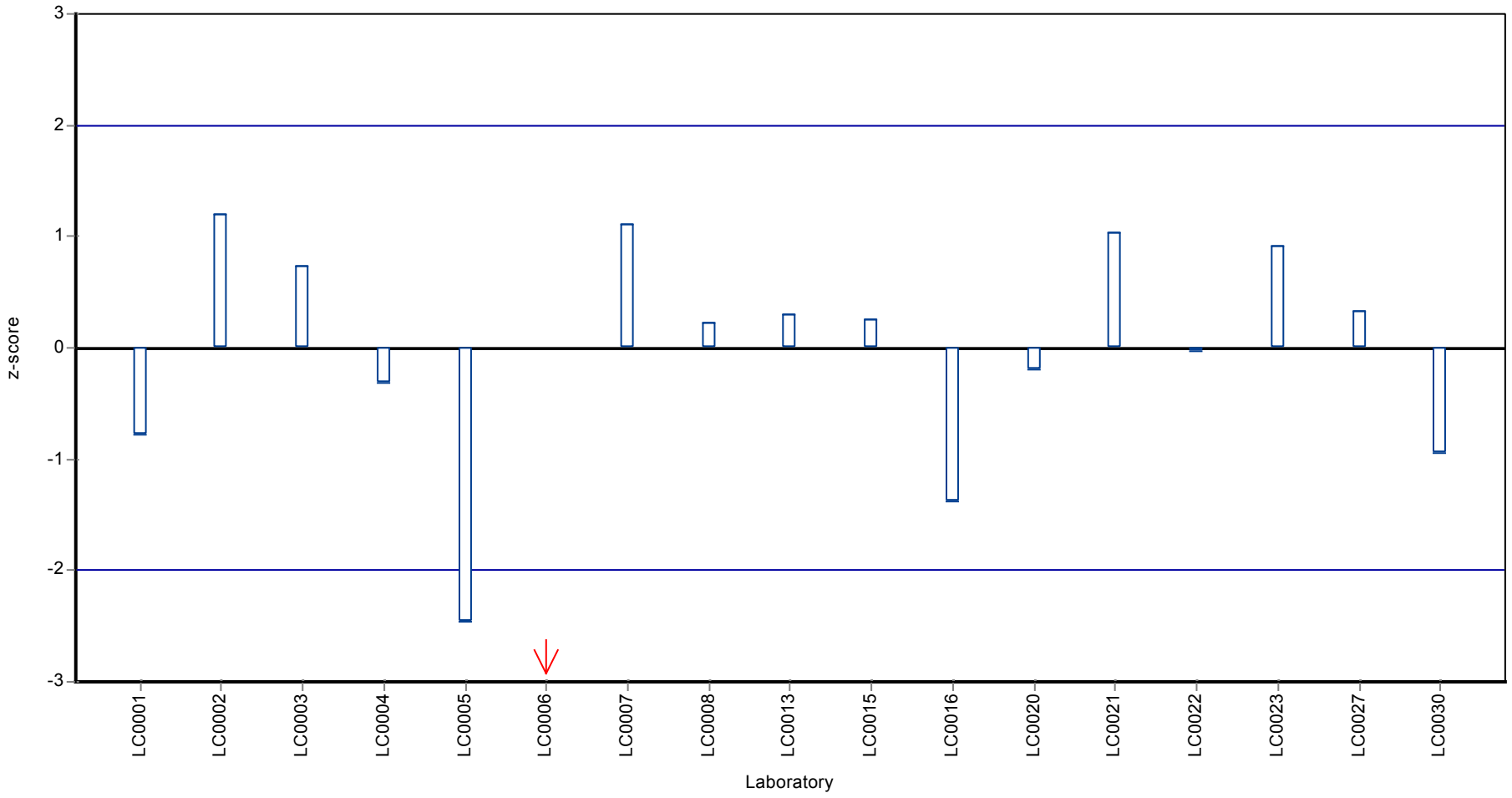
Results



Recovery rate



Z-score


3
2
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-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0013
LC0015
LC0016
LC0020
LC0021
LC0022
LC0023
LC0027
LC0030
Laboratory

Parameter oriented report

H94 B

Bromacil

Unit	µg/l
Mean ± CI (99%)	0.82 ± 0.0795
Minimum - Maximum	0.617 - 1.05
Control test value ± U	0.794 ± 0.0323

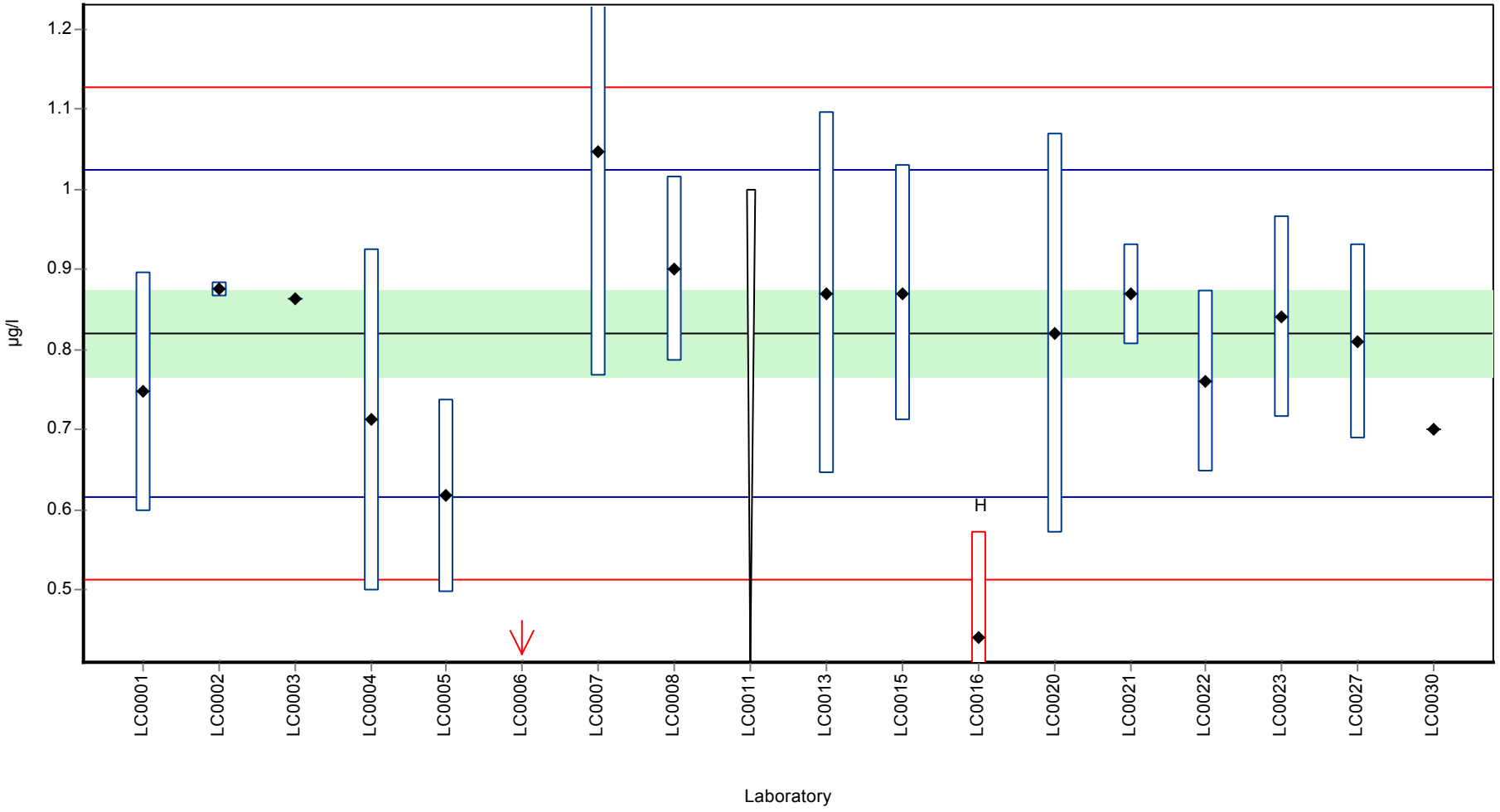
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.747	0.149	91.1	-0.71	
LC0002	0.875	0.01	107	0.53	
LC0003	0.863	-	105	0.42	
LC0004	0.712	0.214	86.8	-1.05	
LC0005	0.6172	0.12	75.3	-1.98	
LC0006	0.368	0.074	44.9	-4.41	H
LC0007	1.0476	0.2809	128	2.22	
LC0008	0.901	0.116	110	0.79	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.87	0.226	106	0.49	
LC0014	-	-	-	-	
LC0015	0.87	0.16	106	0.49	
LC0016	0.44	0.132	53.6	-3.71	H
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.82	0.25	100	0.00	
LC0021	0.869	0.063	106	0.48	
LC0022	0.76	0.114	92.7	-0.59	
LC0023	0.841	0.126	103	0.2	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.81	0.121	98.8	-0.1	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.7	-	85.3	-1.17	

Characteristics of parameter

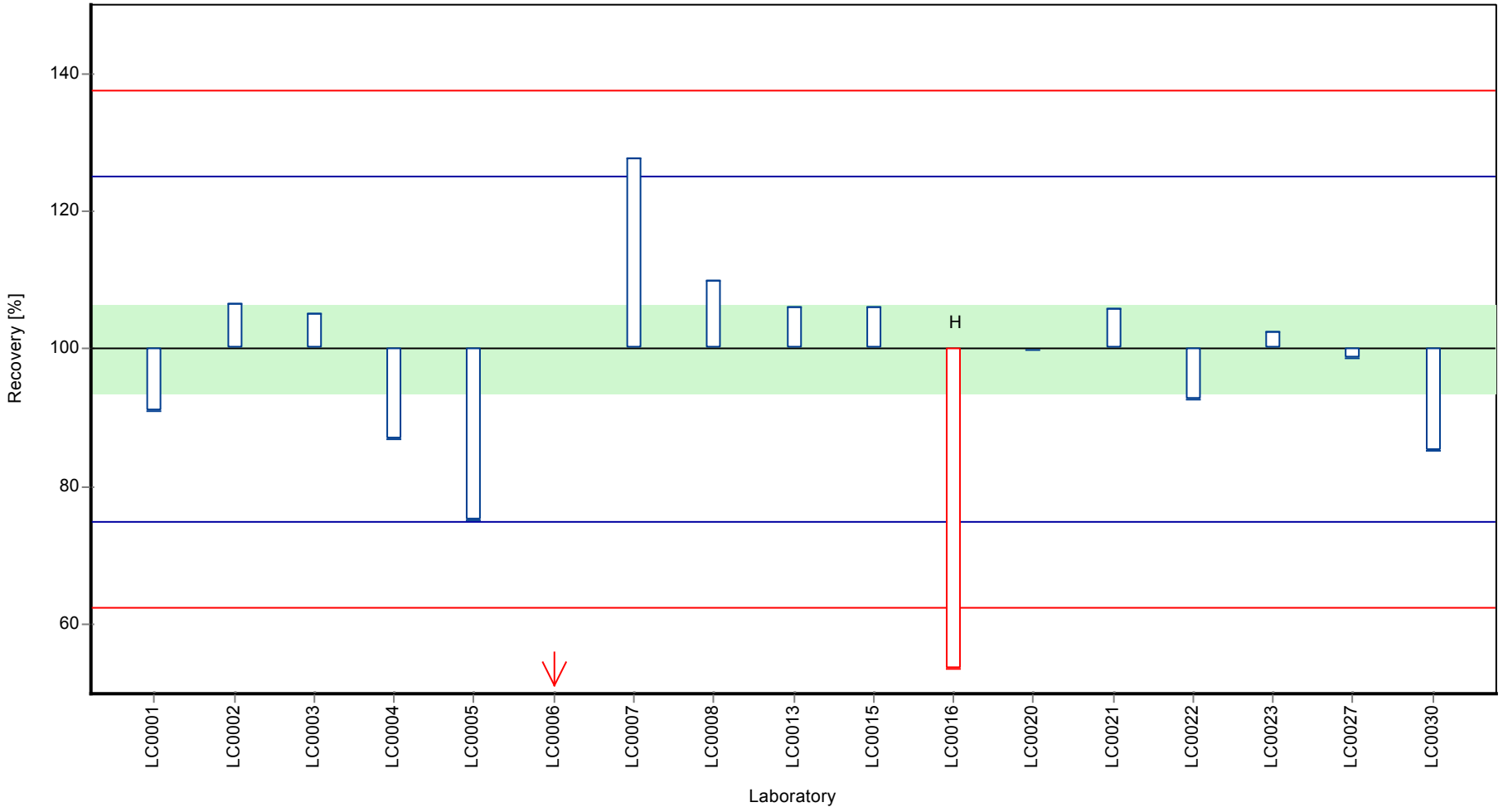
	all results	without outliers	Unit
Mean ± CI (99%)	0.771 ± 0.123	0.82 ± 0.0795	µg/l
Minimum	0.368	0.617	µg/l
Maximum	1.05	1.05	µg/l
Standard deviation	0.169	0.103	µg/l
rel. Standard deviation	21.9	12.5	%
n	17	15	-

Graphical presentation of results

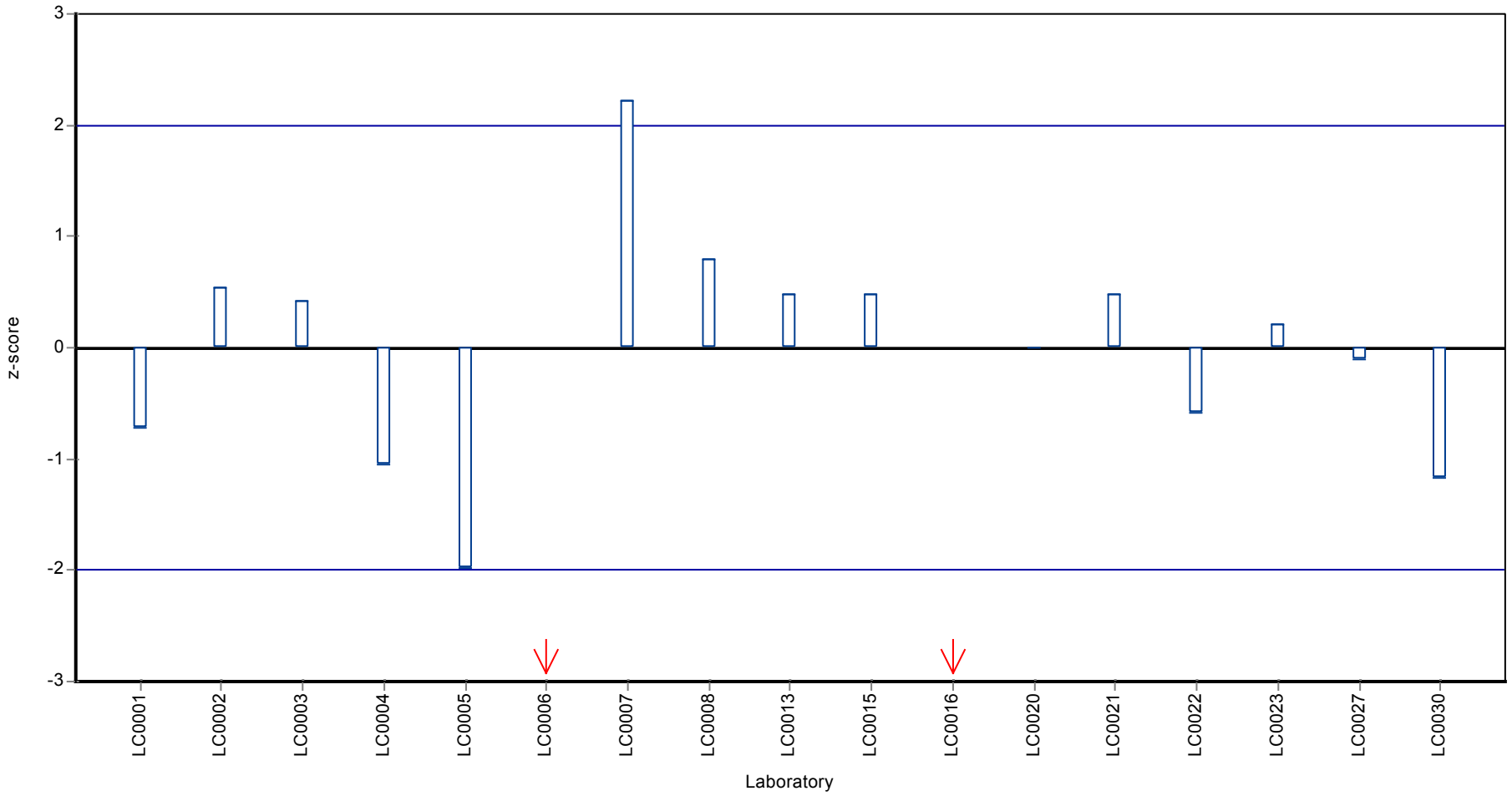
Results



Recovery rate



Z-score


3
2
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-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0013
LC0015
LC0016
LC0020
LC0021
LC0022
LC0023
LC0027
LC0030
Laboratory

Parameter oriented report

H94 A

Chloridazon

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	< 0.025 (LOD)

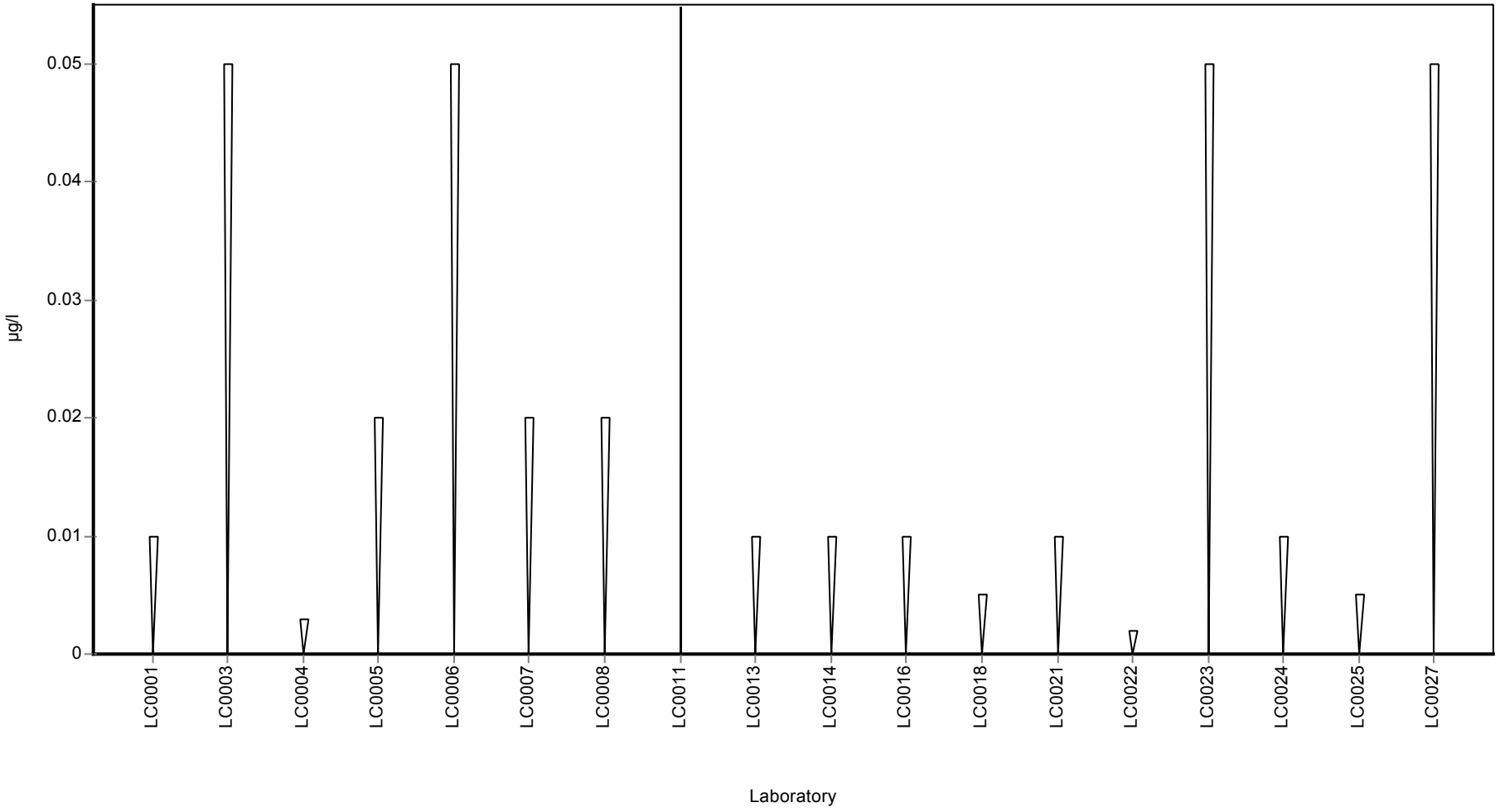
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.003 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.01 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.005 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	<0.002 (LOD)	-	-	-	
LC0023	< 0.05 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	<0.005 (LOD)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.05 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Chloridazon

Unit	µg/l
Mean ± CI (99%)	0.321 ± 0.0282
Minimum - Maximum	0.252 - 0.404
Control test value ± U	0.322 ± 0.00911

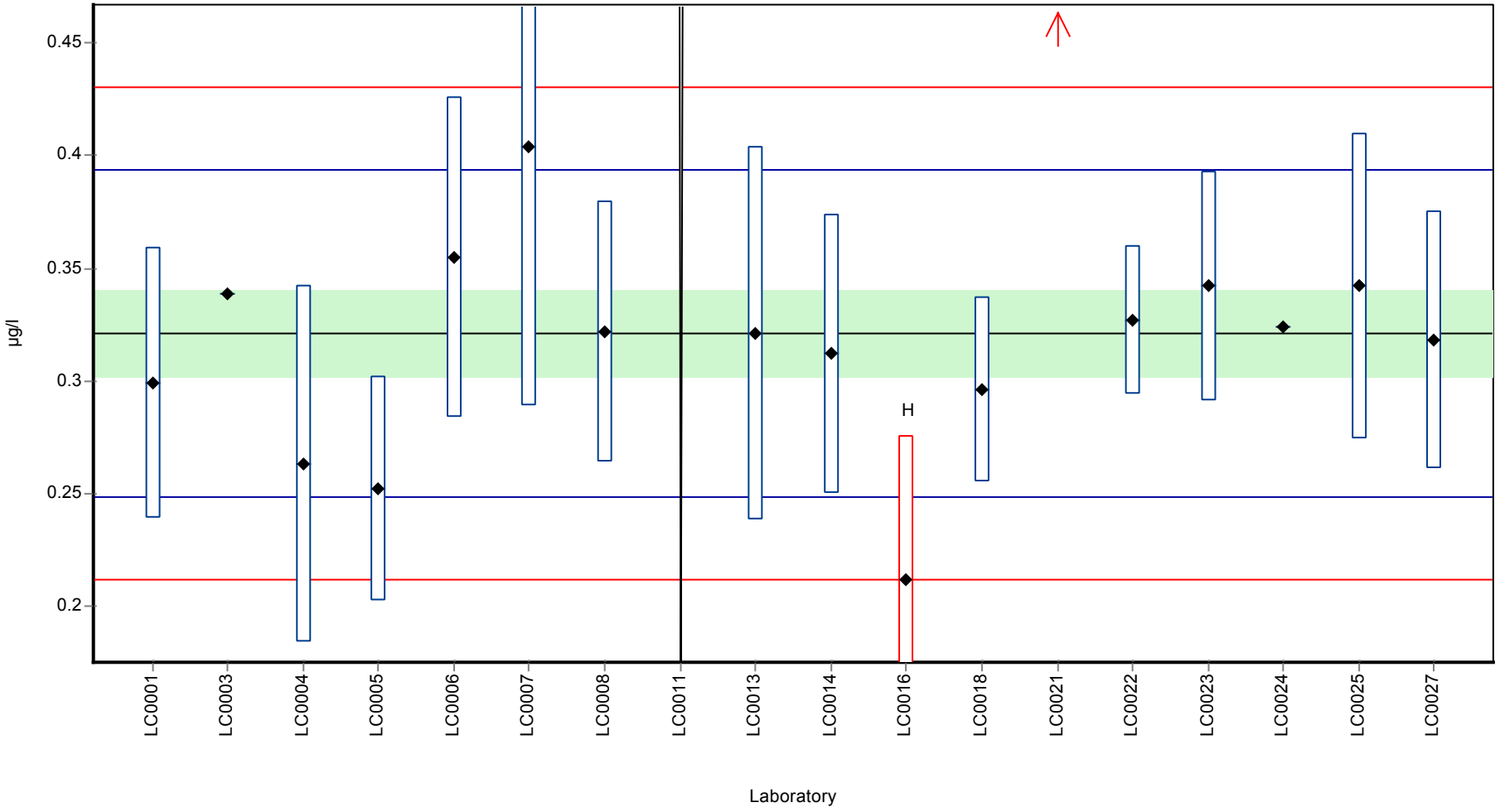
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.299	0.06	93.1	-0.61	
LC0002	-	-	-	-	
LC0003	0.339	-	106	0.49	
LC0004	0.263	0.079	81.9	-1.59	
LC0005	0.2524	0.05	78.6	-1.89	
LC0006	0.355	0.071	111	0.93	
LC0007	0.4041	0.1151	126	2.28	
LC0008	0.322	0.058	100	0.02	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.321	0.083	100	0.00	
LC0014	0.312	0.062	97.2	-0.25	
LC0015	-	-	-	-	
LC0016	0.212	0.064	66	-2.99	H
LC0017	-	-	-	-	
LC0018	0.296	0.041	92.2	-0.69	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.612	0.057	191	7.98	H
LC0022	0.327	0.033	102	0.16	
LC0023	0.342	0.051	107	0.57	
LC0024	0.324	-	101	0.08	
LC0025	0.342	0.068	107	0.57	
LC0026	-	-	-	-	
LC0027	0.318	0.057	99	-0.09	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

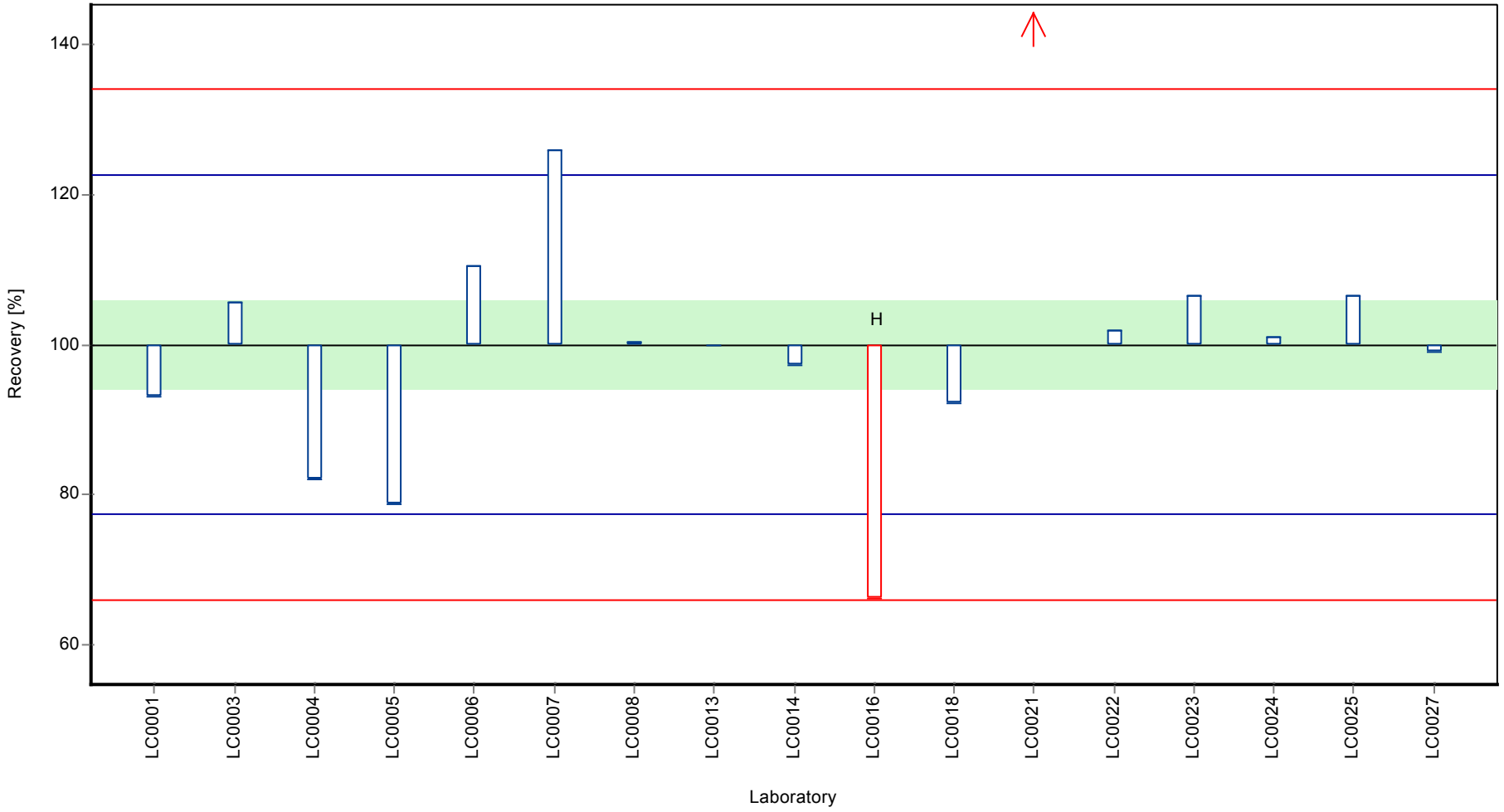
	all results	without outliers	Unit
Mean ± CI (99%)	0.332 ± 0.0612	0.321 ± 0.0282	µg/l
Minimum	0.212	0.252	µg/l
Maximum	0.612	0.404	µg/l
Standard deviation	0.0841	0.0364	µg/l
rel. Standard deviation	25.3	11.3	%
n	17	15	-

Graphical presentation of results

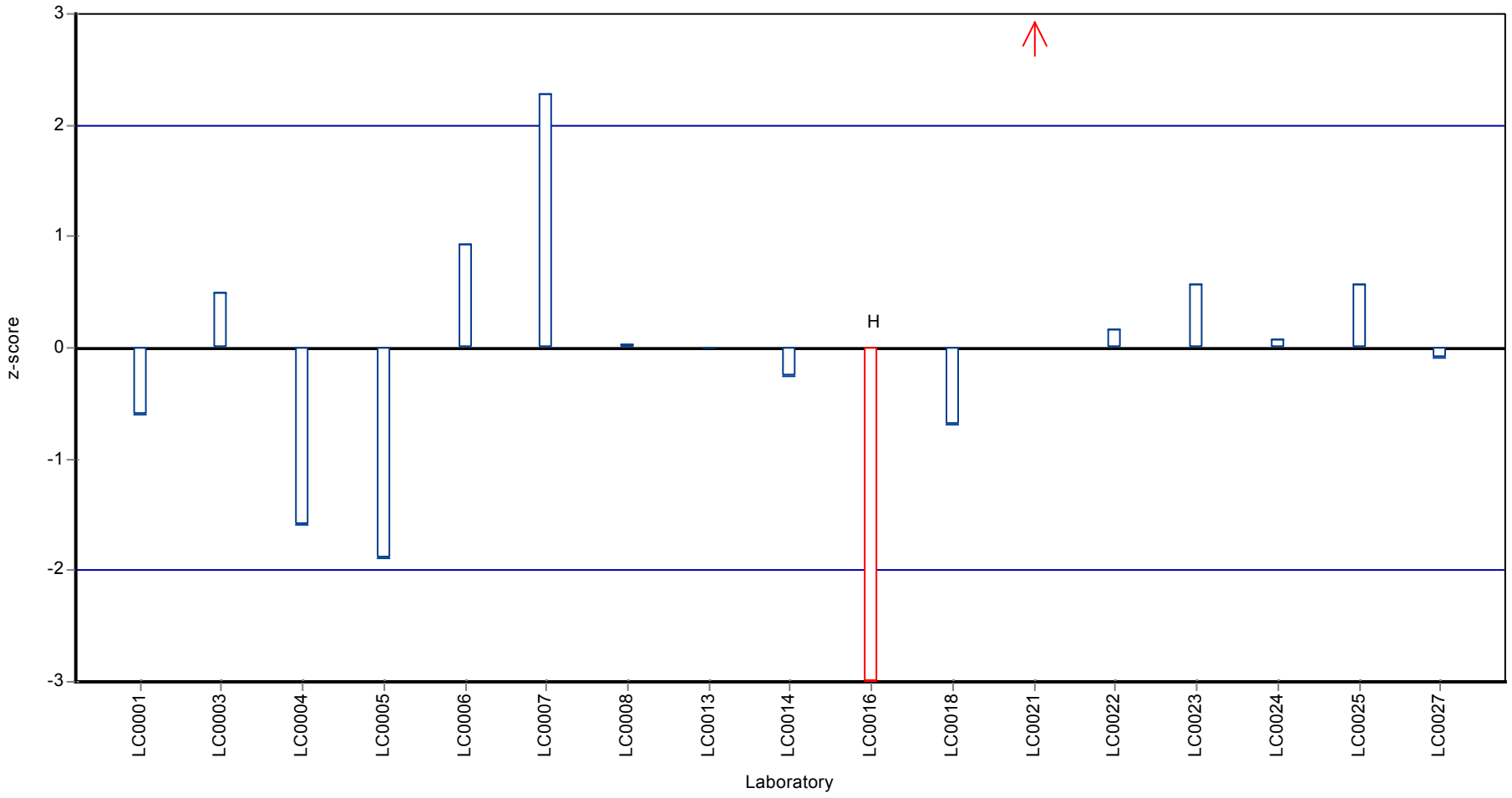
Results



Recovery rate



Z-score


3
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-1
-2
-3
z-score
H
LC0001
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0013
LC0014
LC0016
LC0018
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 A

Clopyralid

Unit	µg/l
Mean ± CI (99%)	0.458 ± 0.0781
Minimum - Maximum	0.366 - 0.542
Control test value ± U	0.440 ± 0.045

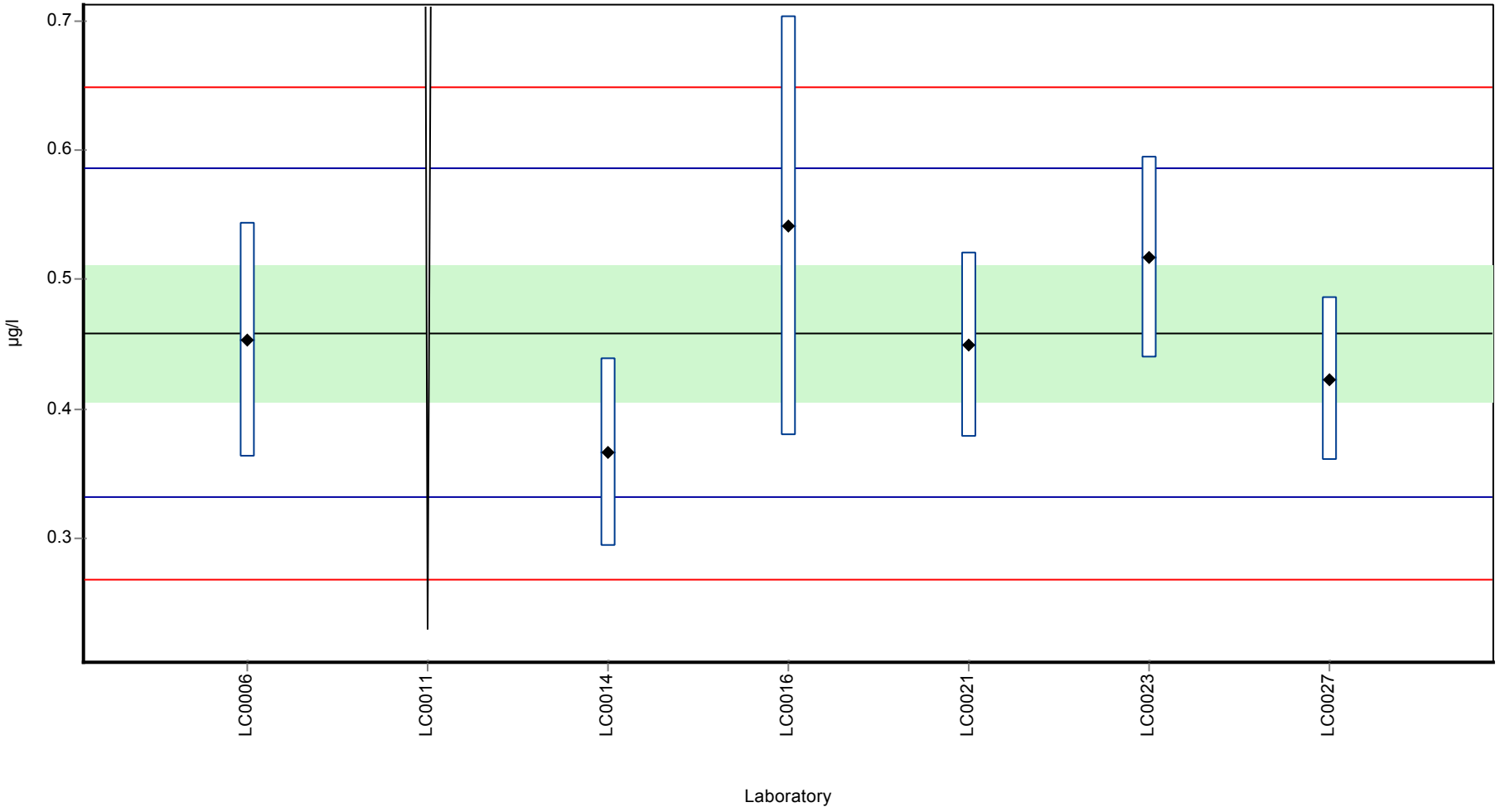
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.453	0.091	98.8	-0.08	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.366	0.073	79.9	-1.45	
LC0015	-	-	-	-	
LC0016	0.542	0.163	118	1.31	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.449	0.072	98	-0.15	
LC0022	-	-	-	-	
LC0023	0.517	0.078	113	0.92	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.423	0.063	92.3	-0.55	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

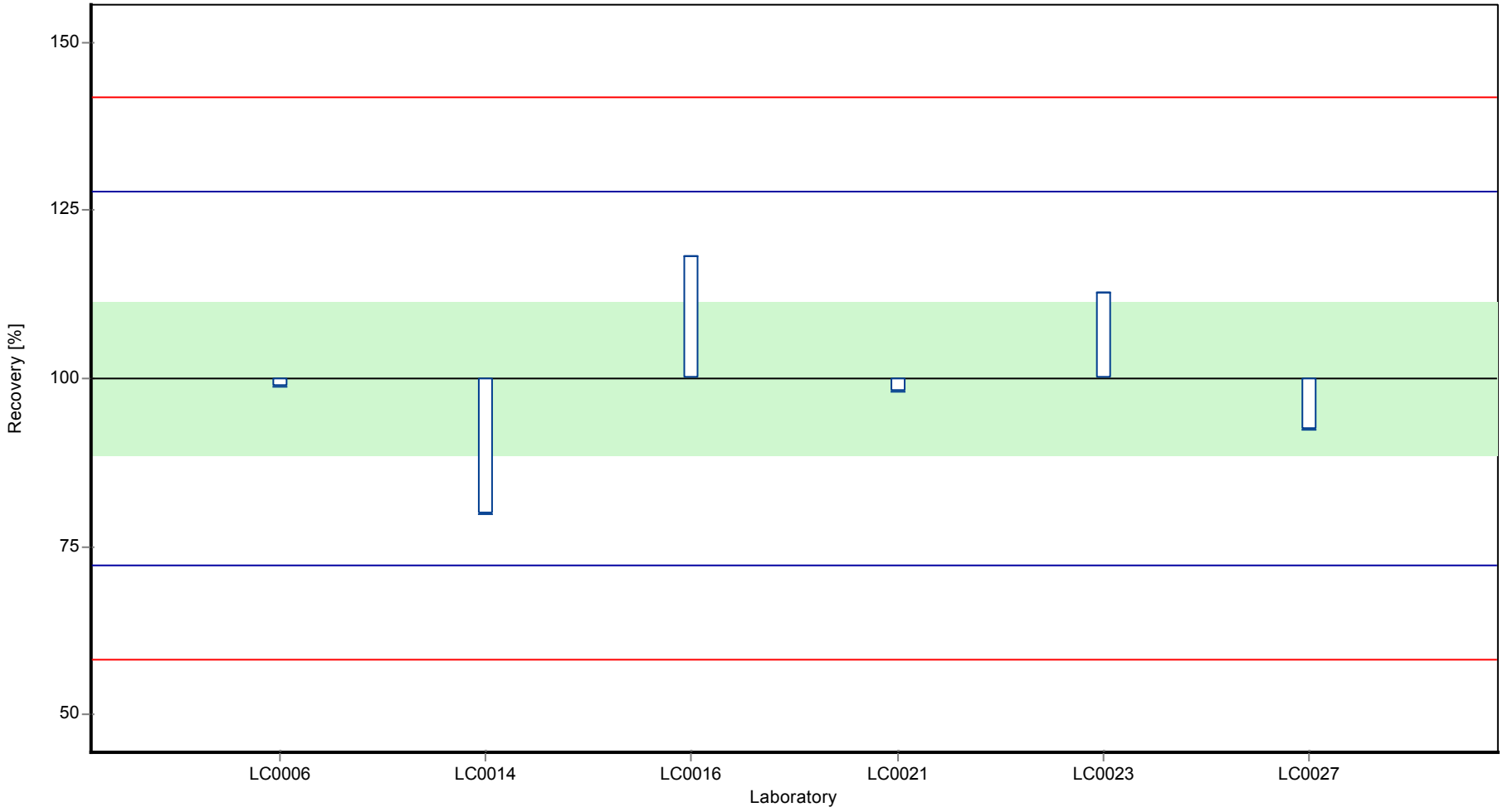
	all results	without outliers	Unit
Mean ± CI (99%)	0.458 ± 0.0781	0.458 ± 0.0781	µg/l
Minimum	0.366	0.366	µg/l
Maximum	0.542	0.542	µg/l
Standard deviation	0.0638	0.0638	µg/l
rel. Standard deviation	13.9	13.9	%
n	6	6	-

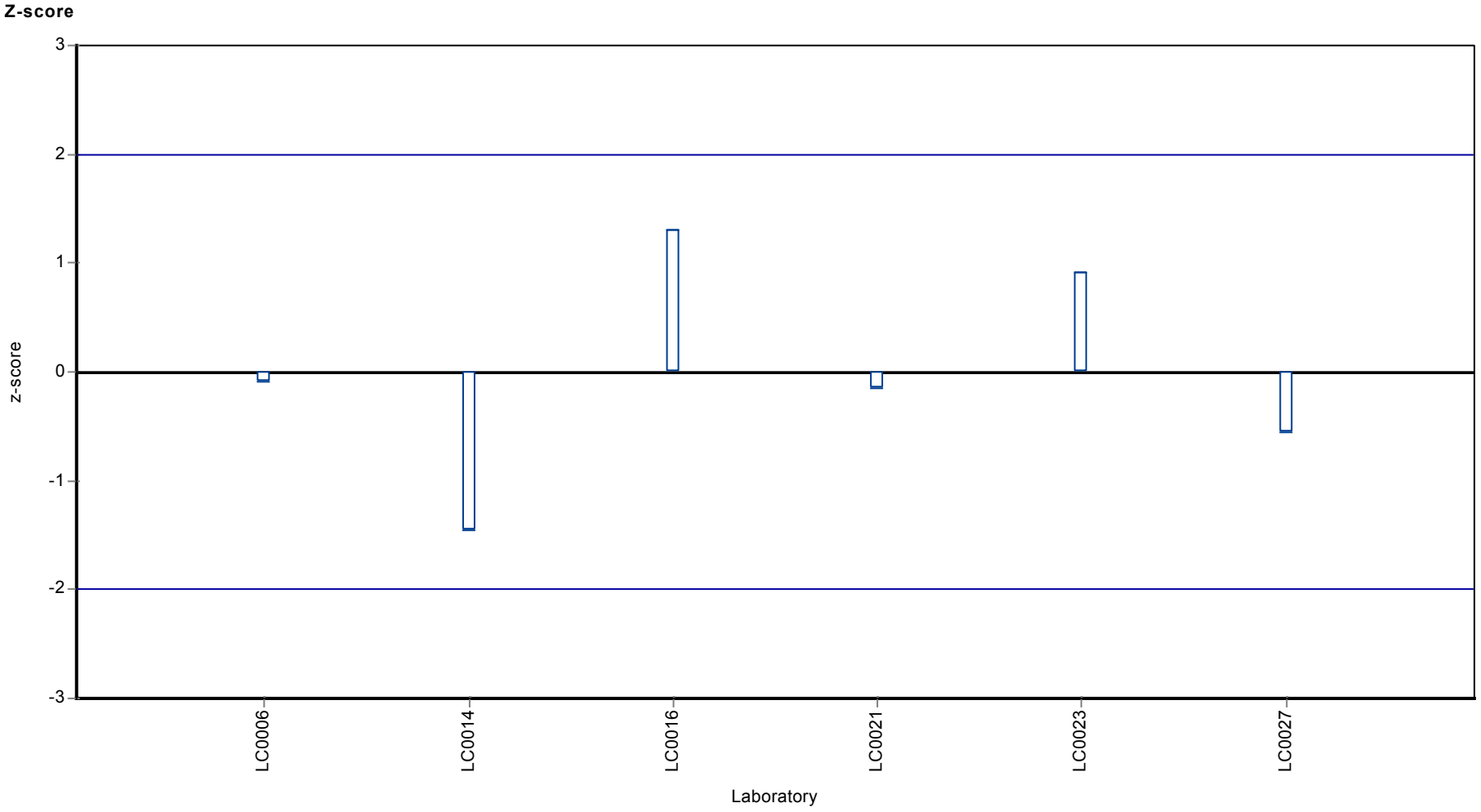
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0006
LC0014
LC0016
LC0021
LC0023
LC0027
Laboratory

Parameter oriented report

H94 B

Clopyralid

Unit	µg/l
Mean ± CI (99%)	0.609 ± 0.0638
Minimum - Maximum	0.54 - 0.668
Control test value ± U	0.592 ± 0.0529

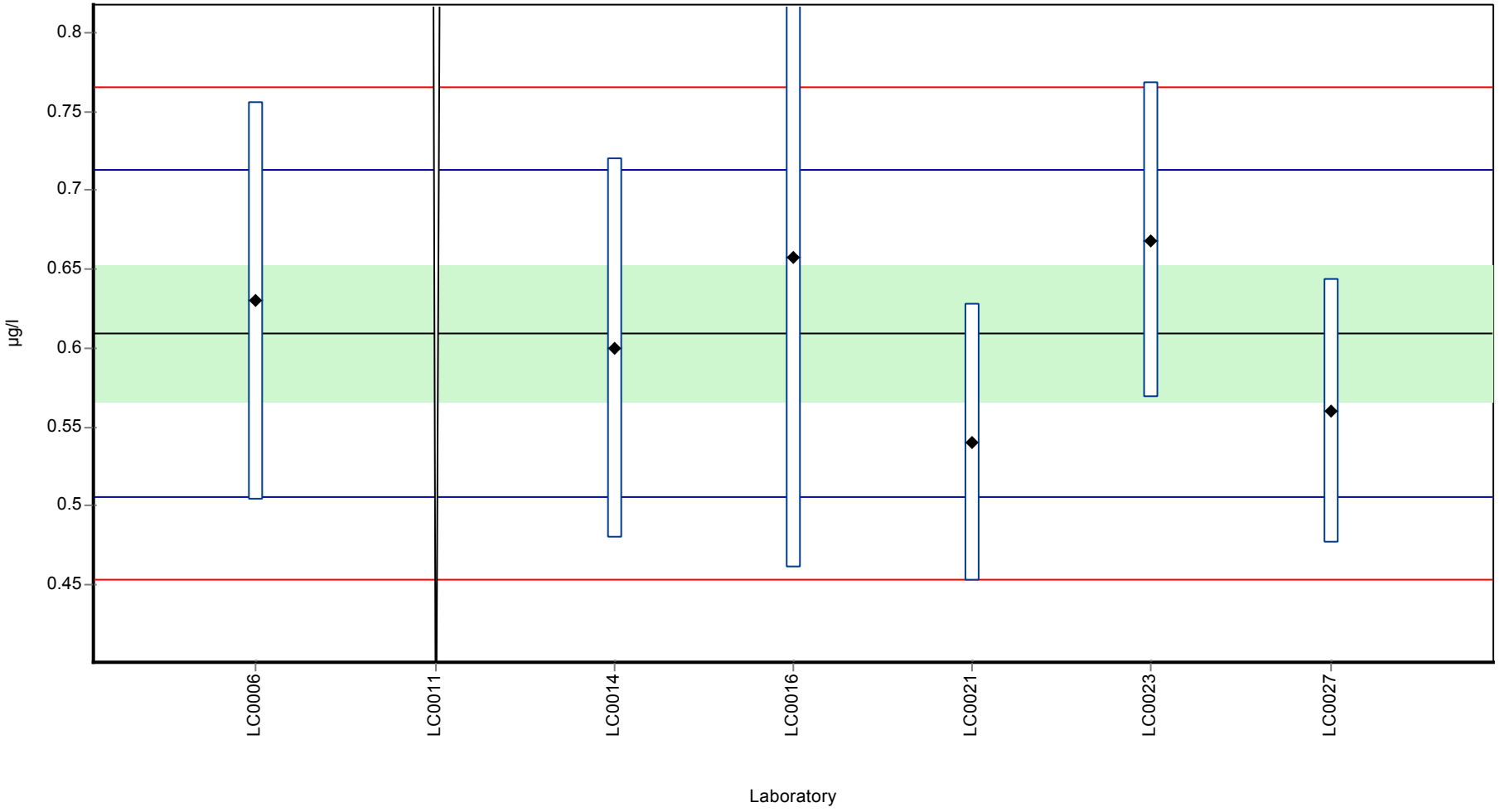
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.63	0.126	103	0.4	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.6	0.12	98.5	-0.18	
LC0015	-	-	-	-	
LC0016	0.658	0.197	108	0.93	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.54	0.088	88.6	-1.33	
LC0022	-	-	-	-	
LC0023	0.668	0.1	110	1.13	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.56	0.084	91.9	-0.95	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

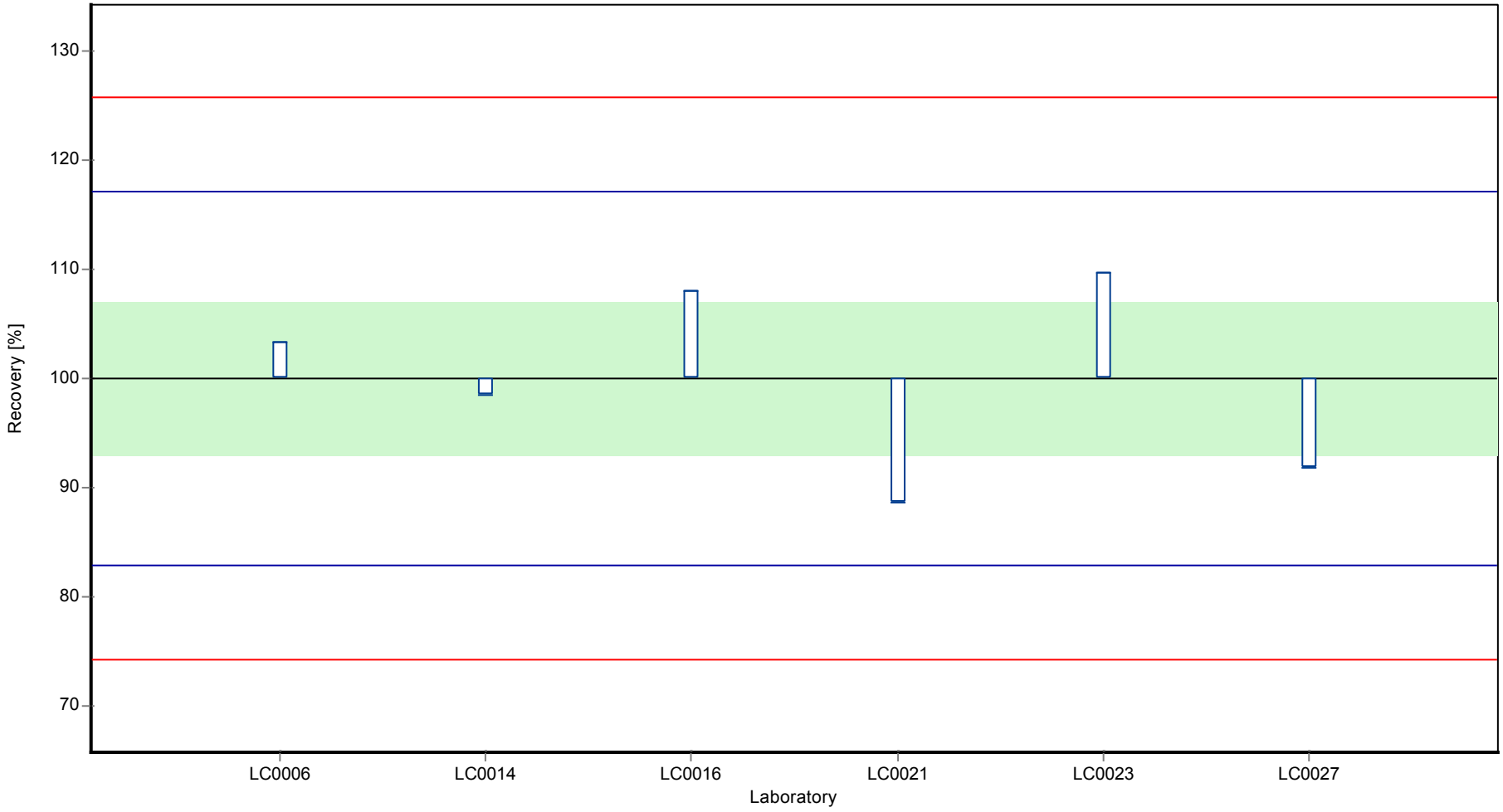
	all results	without outliers	Unit
Mean ± CI (99%)	0.609 ± 0.0638	0.609 ± 0.0638	µg/l
Minimum	0.54	0.54	µg/l
Maximum	0.668	0.668	µg/l
Standard deviation	0.0521	0.0521	µg/l
rel. Standard deviation	8.55	8.55	%
n	6	6	-

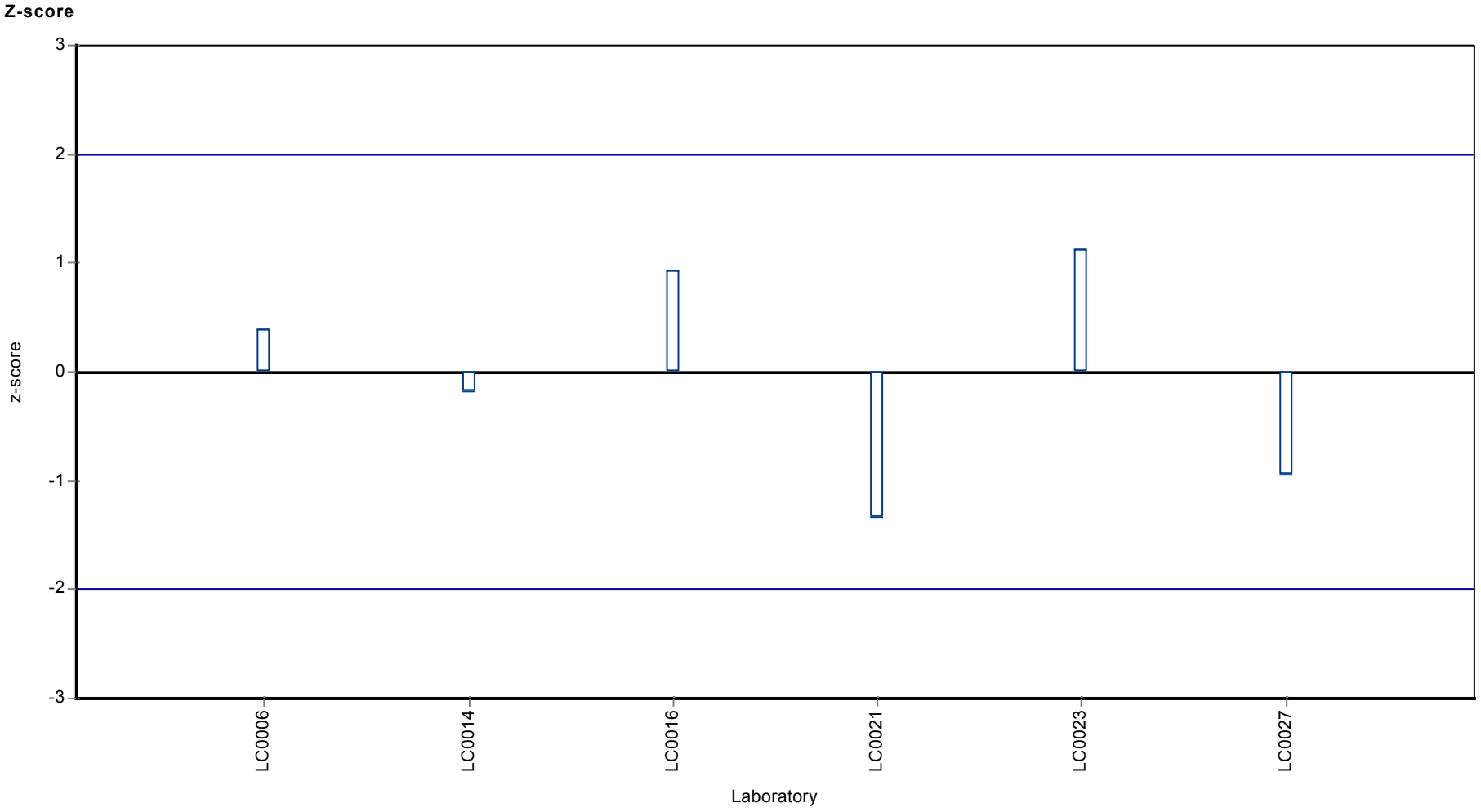
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0006
LC0014
LC0016
LC0021
LC0023
LC0027
Laboratory

Parameter oriented report

H94 A

Cyanazine

Unit	µg/l
Mean ± CI (99%)	0.627 ± 0.0666
Minimum - Maximum	0.505 - 0.913
Control test value ± U	0.571 ± 0.018

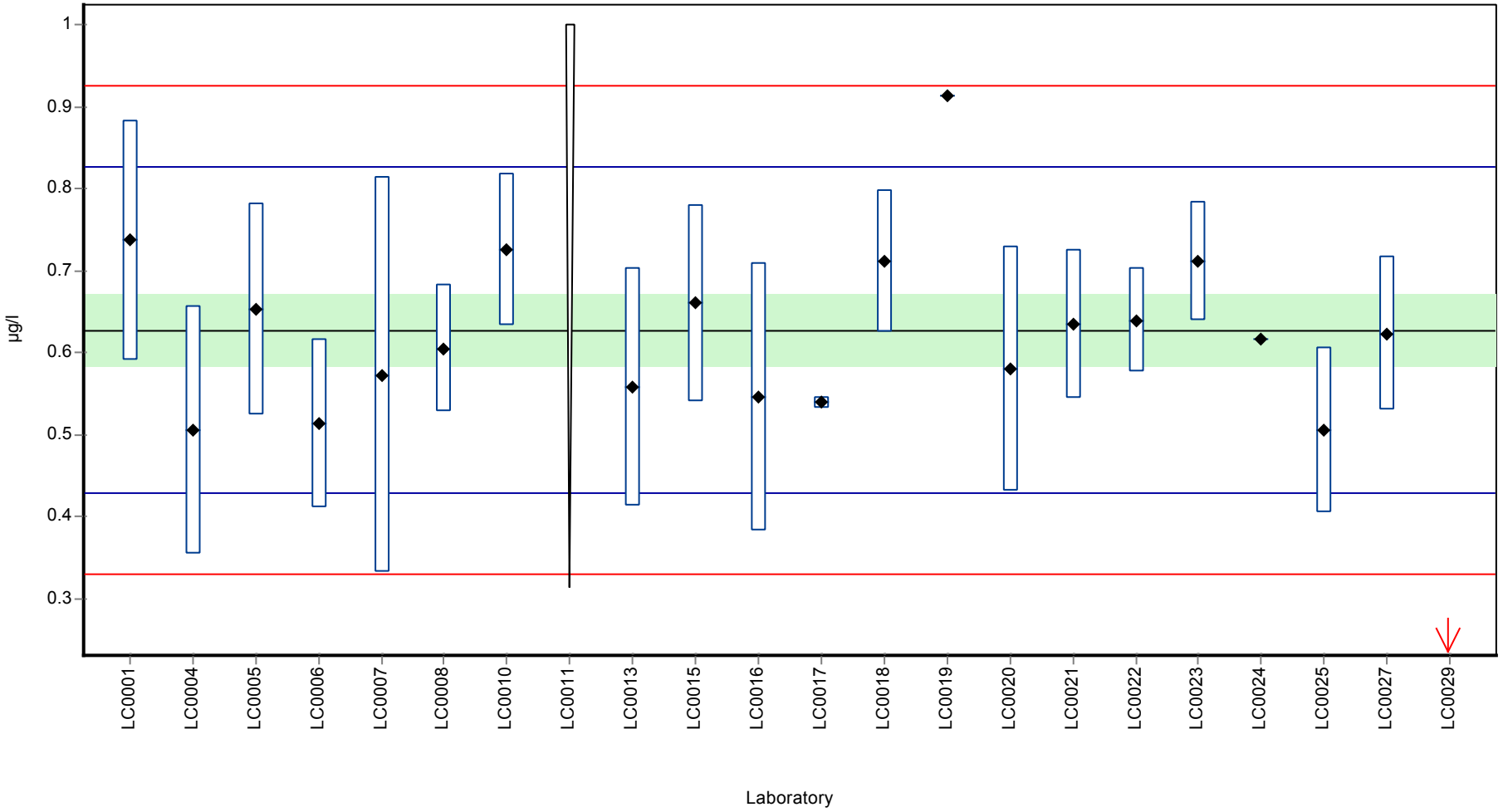
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.737	0.147	117	1.1	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.505	0.151	80.5	-1.23	
LC0005	0.6528	0.13	104	0.26	
LC0006	0.513	0.103	81.8	-1.15	
LC0007	0.5723	0.2412	91.2	-0.56	
LC0008	0.605	0.078	96.4	-0.23	
LC0009	-	-	-	-	
LC0010	0.726	0.093	116	0.99	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.558	0.145	88.9	-0.7	
LC0014	-	-	-	-	
LC0015	0.66	0.12	105	0.33	
LC0016	0.546	0.164	87	-0.82	
LC0017	0.539	0.007	85.9	-0.89	
LC0018	0.711	0.087	113	0.84	
LC0019	0.913	-	146	2.88	
LC0020	0.58	0.15	92.4	-0.48	
LC0021	0.635	0.091	101	0.08	
LC0022	0.639	0.064	102	0.12	
LC0023	0.711	0.072	113	0.84	
LC0024	0.616	-	98.2	-0.12	
LC0025	0.506	0.101	80.6	-1.22	
LC0026	-	-	-	-	
LC0027	0.623	0.094	99.3	-0.04	
LC0028	-	-	-	-	
LC0029	<0.006 (LOD)	-	-	-	FN
LC0030	-	-	-	-	

Characteristics of parameter

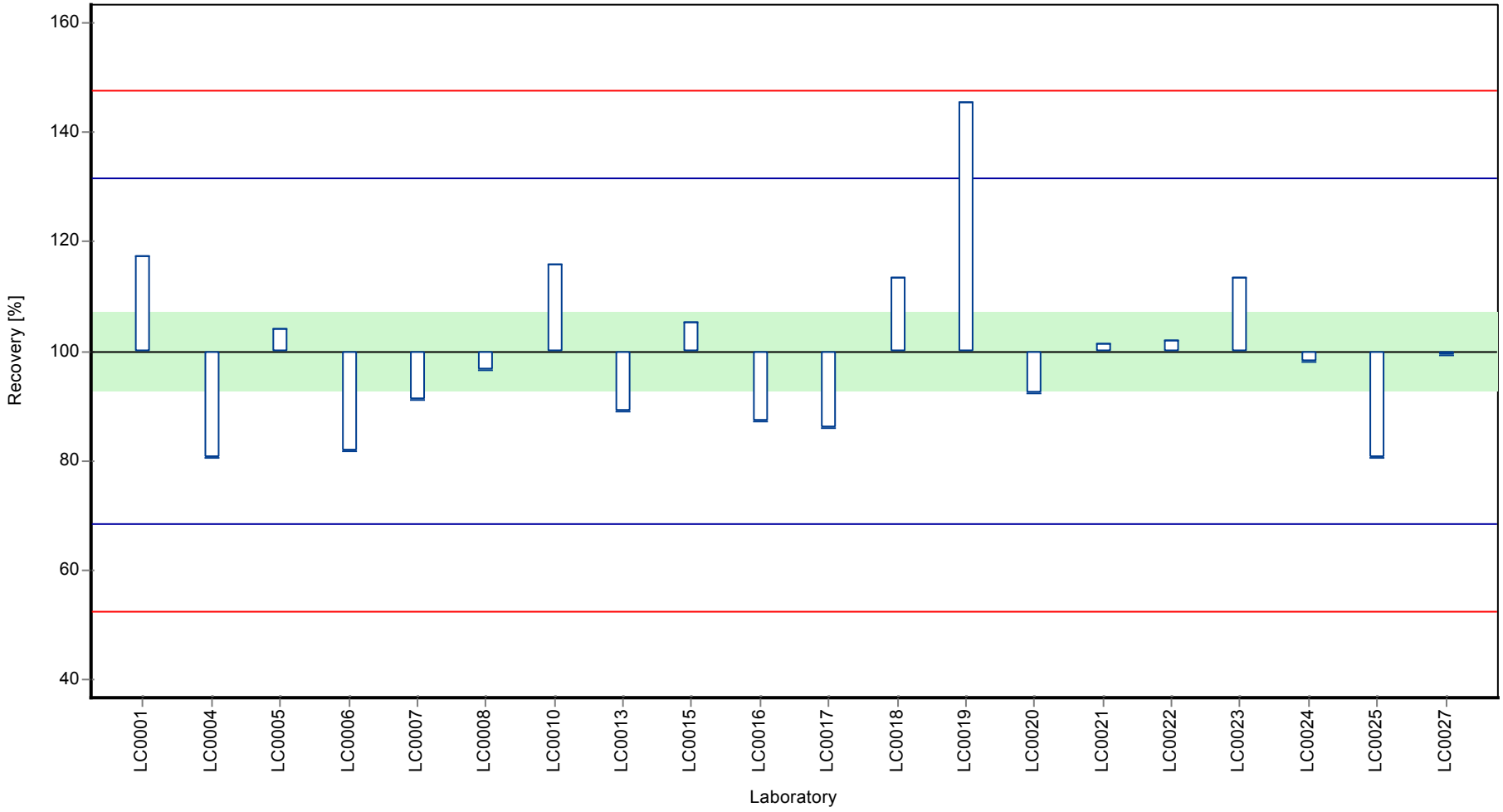
	all results	without outliers	Unit
Mean ± CI (99%)	0.627 ± 0.0666	0.627 ± 0.0666	µg/l
Minimum	0.505	0.505	µg/l
Maximum	0.913	0.913	µg/l
Standard deviation	0.0993	0.0993	µg/l
rel. Standard deviation	15.8	15.8	%
n	20	20	-

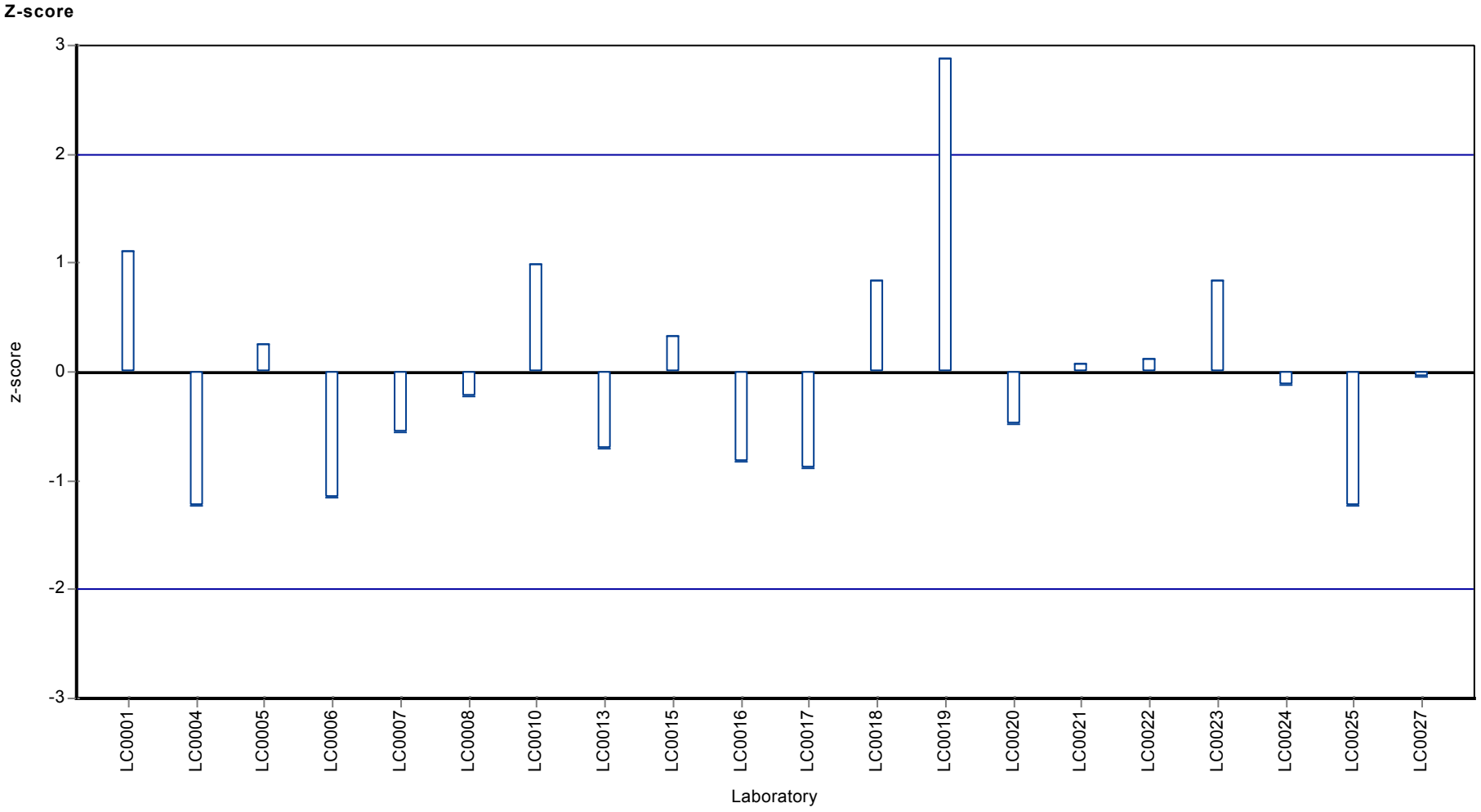
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 B

Cyanazine

Unit	µg/l
Mean ± CI (99%)	0.143 ± 0.0157
Minimum - Maximum	0.098 - 0.194
Control test value ± U	0.136 ± 0.00518

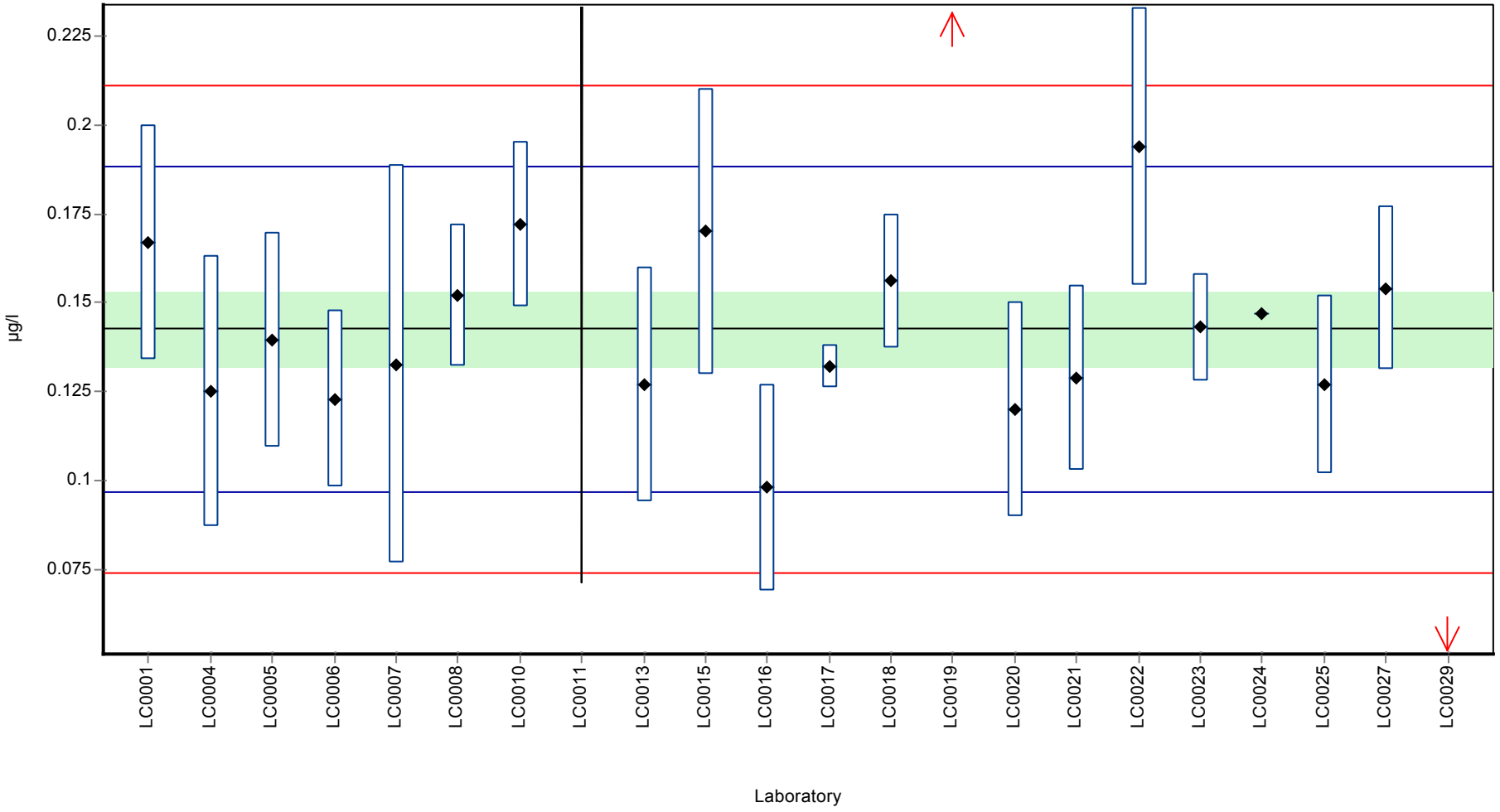
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.167	0.033	117	1.07	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.125	0.038	87.7	-0.77	
LC0005	0.1395	0.03	97.9	-0.13	
LC0006	0.123	0.025	86.3	-0.86	
LC0007	0.1326	0.0559	93	-0.44	
LC0008	0.152	0.02	107	0.41	
LC0009	-	-	-	-	
LC0010	0.172	0.023	121	1.29	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.127	0.033	89.1	-0.68	
LC0014	-	-	-	-	
LC0015	0.17	0.04	119	1.2	
LC0016	0.098	0.029	68.8	-1.95	
LC0017	0.132	0.006	92.6	-0.46	
LC0018	0.156	0.019	109	0.59	
LC0019	0.38	-	267	10.4	H
LC0020	0.12	0.03	84.2	-0.99	
LC0021	0.129	0.026	90.5	-0.59	
LC0022	0.194	0.039	136	2.26	
LC0023	0.143	0.015	100	0.02	
LC0024	0.147	-	103	0.2	
LC0025	0.127	0.025	89.1	-0.68	
LC0026	-	-	-	-	
LC0027	0.154	0.023	108	0.5	
LC0028	-	-	-	-	
LC0029	<0.006 (LOD)	-	-	-	FN
LC0030	-	-	-	-	

Characteristics of parameter

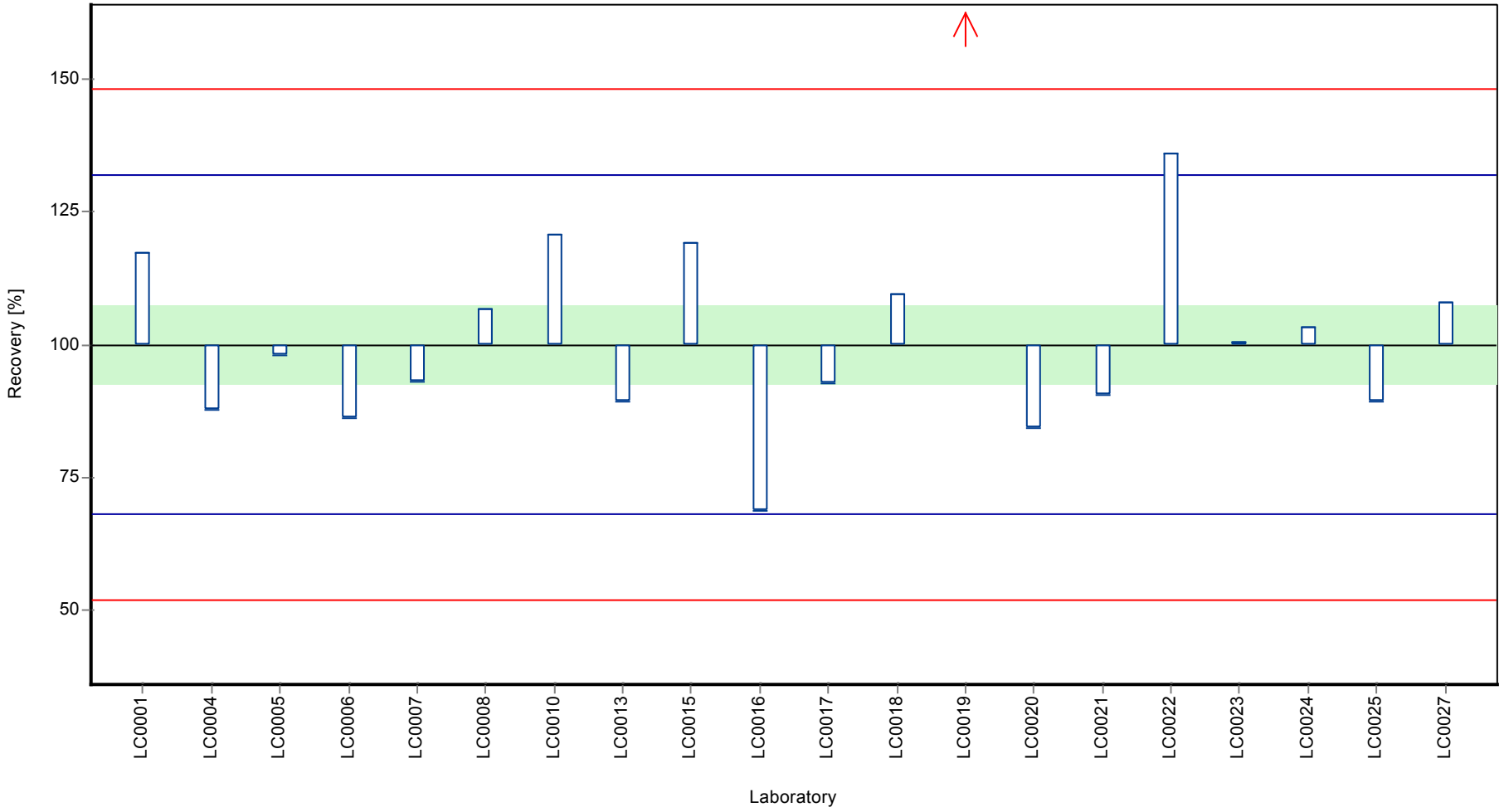
	all results	without outliers	Unit
Mean ± CI (99%)	0.154 ± 0.0386	0.143 ± 0.0157	µg/l
Minimum	0.098	0.098	µg/l
Maximum	0.38	0.194	µg/l
Standard deviation	0.0575	0.0228	µg/l
rel. Standard deviation	37.3	16	%
n	20	19	-

Graphical presentation of results

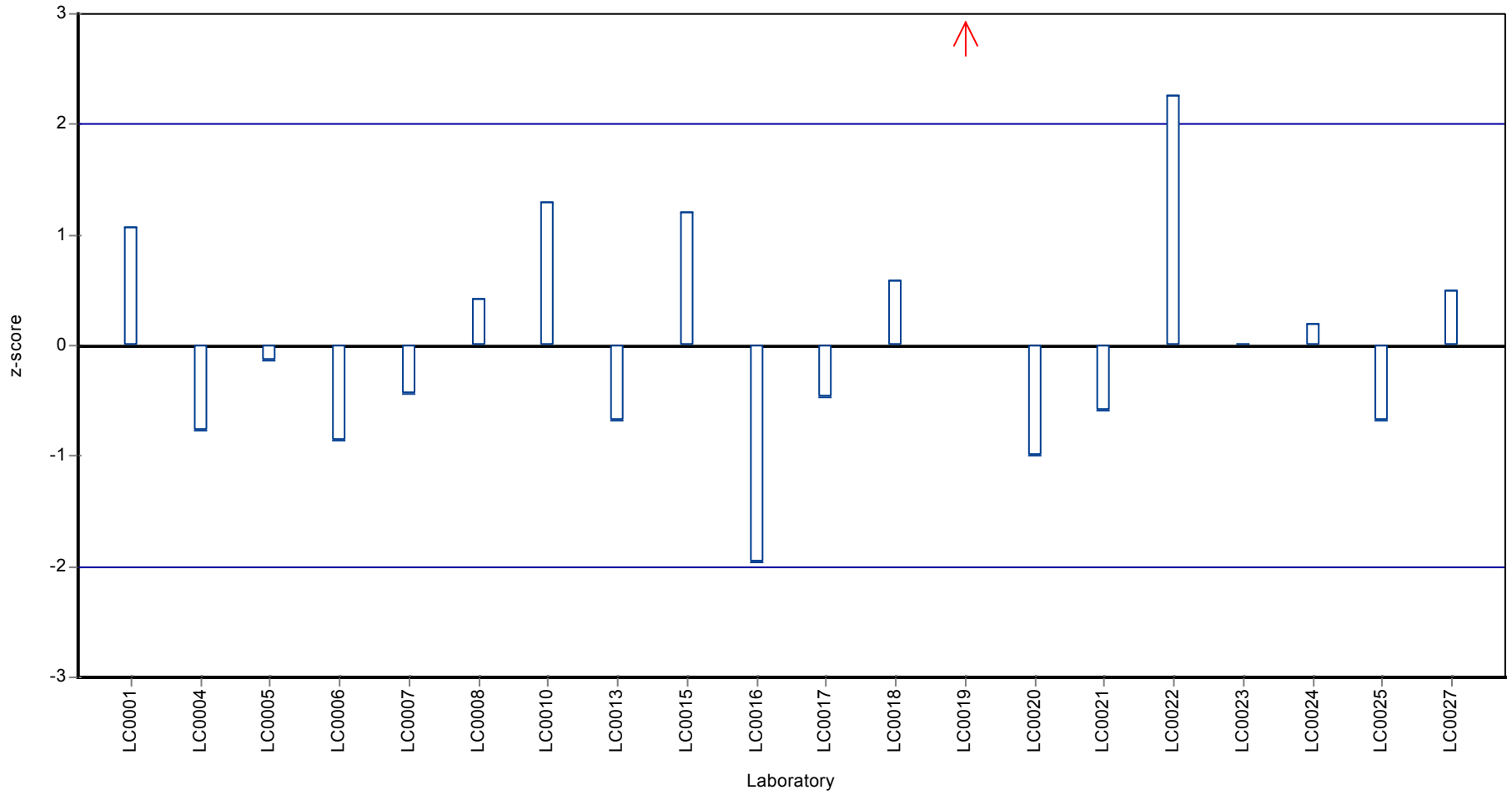
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 A

Desethylatrazine

Unit	µg/l
Mean ± CI (99%)	1.17 ± 0.1
Minimum - Maximum	0.8 - 1.47
Control test value ± U	1.15 ± 0.0519

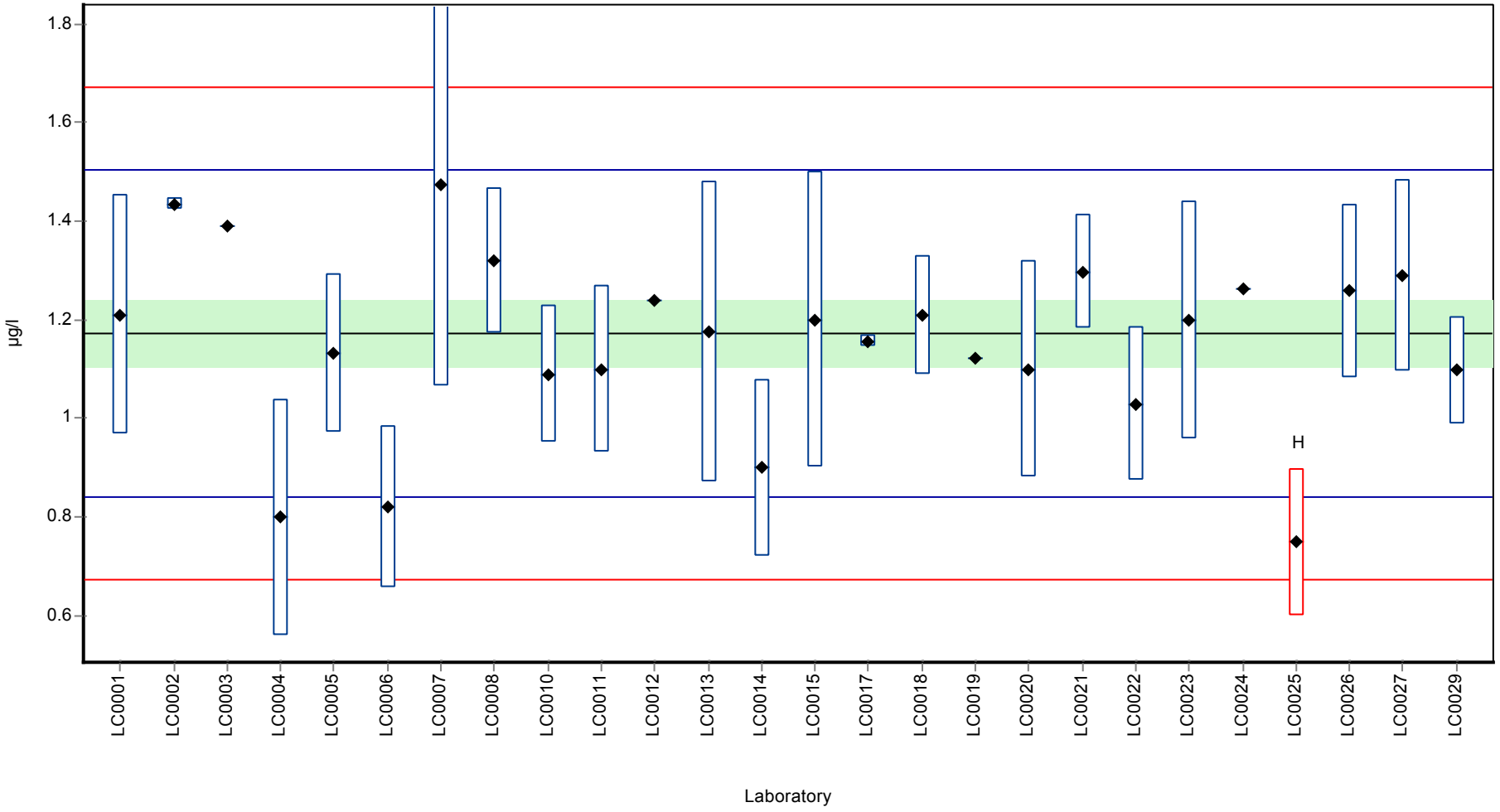
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	1.21	0.243	103	0.23	
LC0002	1.434	0.012	122	1.57	
LC0003	1.39	-	119	1.31	
LC0004	0.8	0.24	68.2	-2.23	
LC0005	1.133	0.16	96.6	-0.24	
LC0006	0.82	0.164	69.9	-2.11	
LC0007	1.4737	0.4079	126	1.81	
LC0008	1.319	0.147	113	0.88	
LC0009	-	-	-	-	
LC0010	1.09	0.14	93	-0.49	
LC0011	1.1	0.17	93.8	-0.43	
LC0012	1.24	-	106	0.41	
LC0013	1.176	0.306	100	0.02	
LC0014	0.9	0.18	76.8	-1.63	
LC0015	1.2	0.3	102	0.17	
LC0016	-	-	-	-	
LC0017	1.156	0.012	98.6	-0.1	
LC0018	1.21	0.121	103	0.23	
LC0019	1.123	-	95.8	-0.3	
LC0020	1.1	0.22	93.8	-0.43	
LC0021	1.298	0.114	111	0.75	
LC0022	1.03	0.155	87.9	-0.85	
LC0023	1.199	0.24	102	0.16	
LC0024	1.262	-	108	0.54	
LC0025	0.749	0.15	63.9	-2.54	H
LC0026	1.259	0.176	107	0.52	
LC0027	1.29	0.195	110	0.71	
LC0028	-	-	-	-	
LC0029	1.098	0.109	93.7	-0.45	
LC0030	-	-	-	-	

Characteristics of parameter

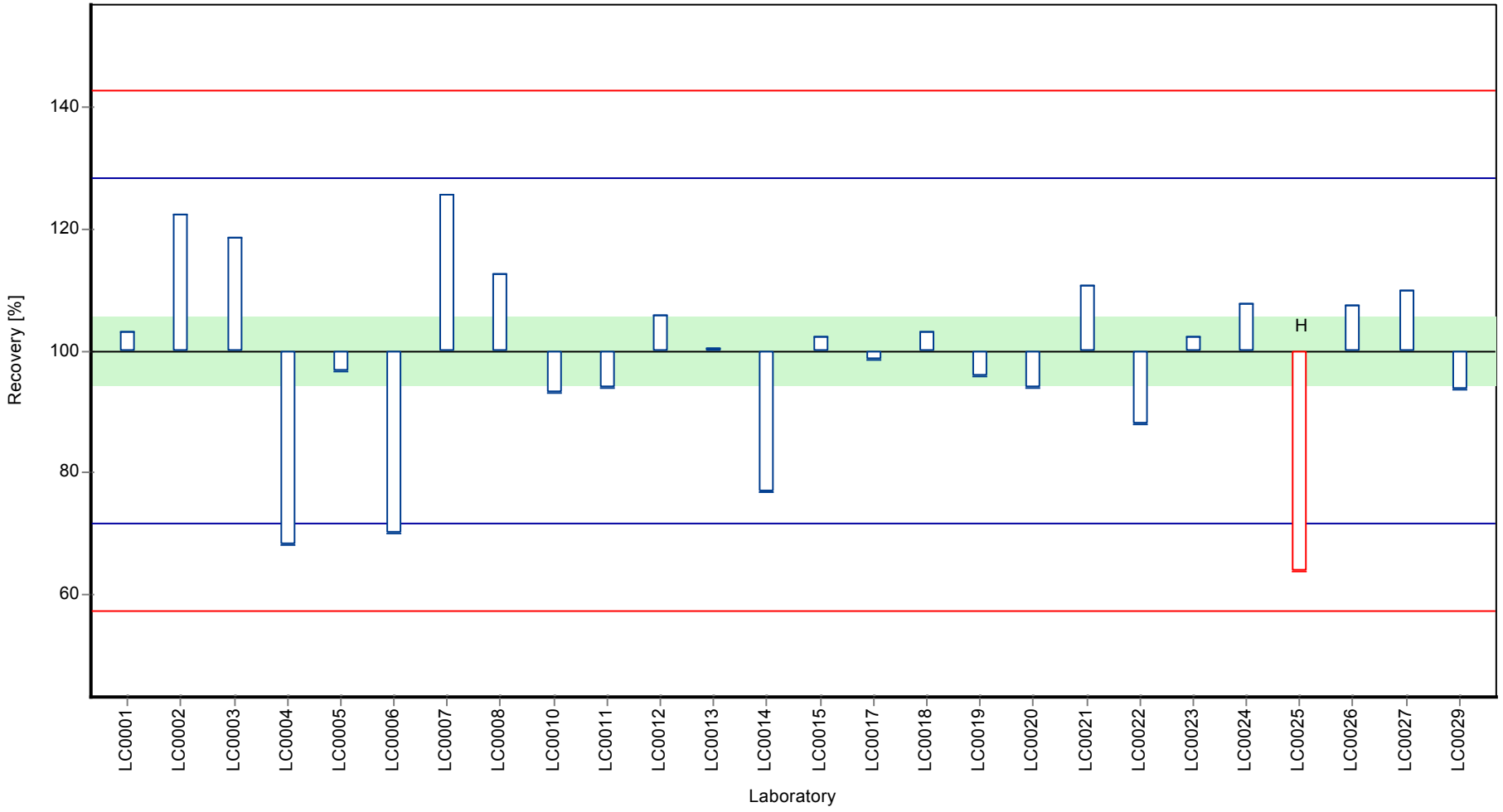
	all results	without outliers	Unit
Mean ± CI (99%)	1.16 ± 0.108	1.17 ± 0.1	µg/l
Minimum	0.749	0.8	µg/l
Maximum	1.47	1.47	µg/l
Standard deviation	0.183	0.167	µg/l
rel. Standard deviation	15.8	14.2	%
n	26	25	-

Graphical presentation of results

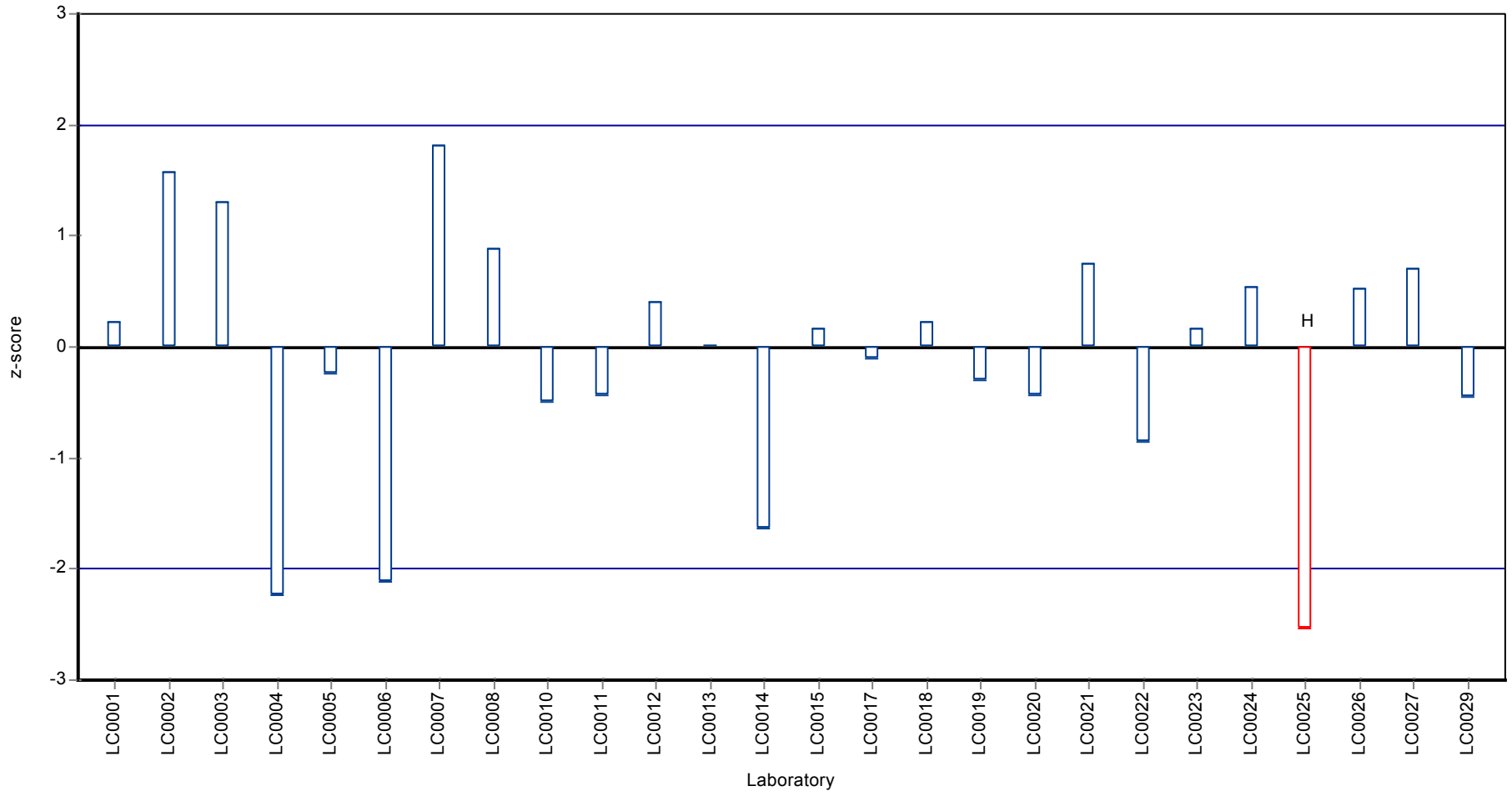
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
H
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0014
LC0015
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0026
LC0027
LC0029
Laboratory

Parameter oriented report

H94 B

Desethylatrazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.007 - 0.819
Control test value ± U	< 0.025 (LOD)

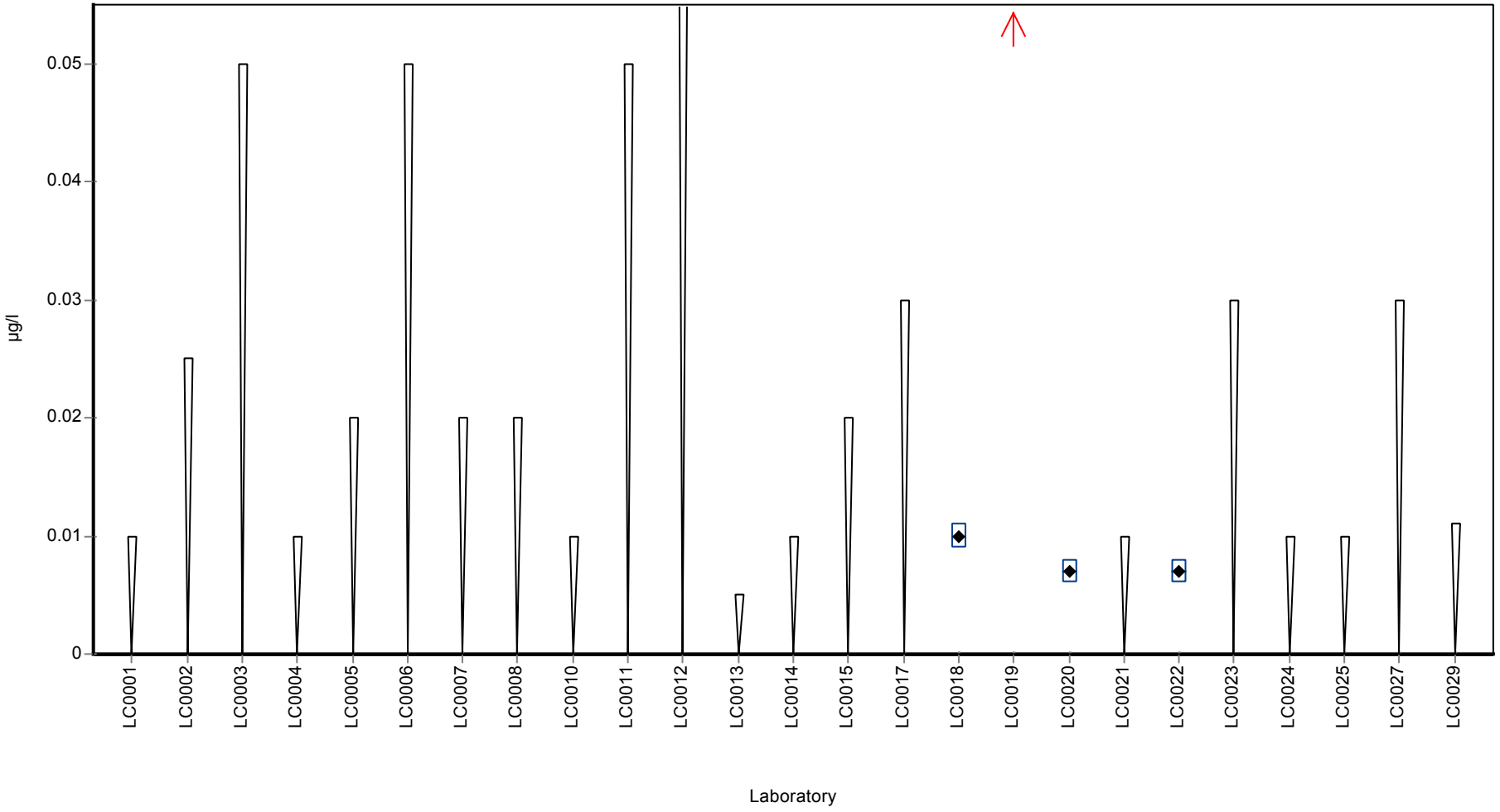
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.06 (LOQ)	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	0.01	0.001	-	-	
LC0019	0.819	-	-	-	FP
LC0020	0.007	0.001	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	0.007	0.001	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	<0.011 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.211 ± 0.608	-	µg/l
Minimum	0.007	0.007	µg/l
Maximum	0.819	0.819	µg/l
Standard deviation	0.406	-	µg/l
rel. Standard deviation	192	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

H94 A

Desethyldesisopropylatrazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.349 - 0.38
Control test value ± U	0.411 ± 0.0186

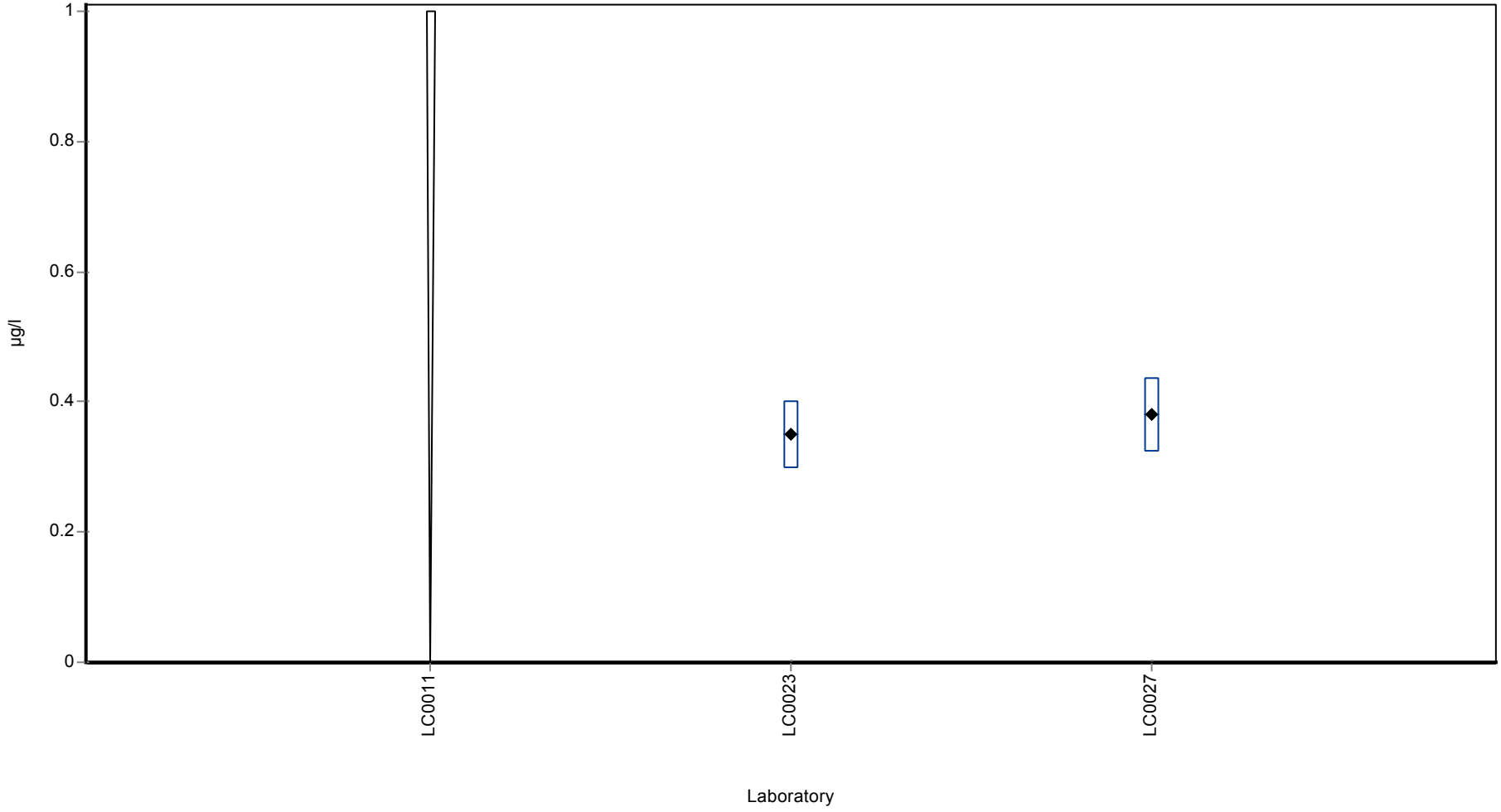
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.349	0.052	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.38	0.057	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.364 ± 0.0465	-	µg/l
Minimum	0.349	0.349	µg/l
Maximum	0.38	0.38	µg/l
Standard deviation	0.0219	-	µg/l
rel. Standard deviation	6.01	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Desethyldesisopropylatrazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.633 - 0.721
Control test value ± U	0.708 ± 0.0248

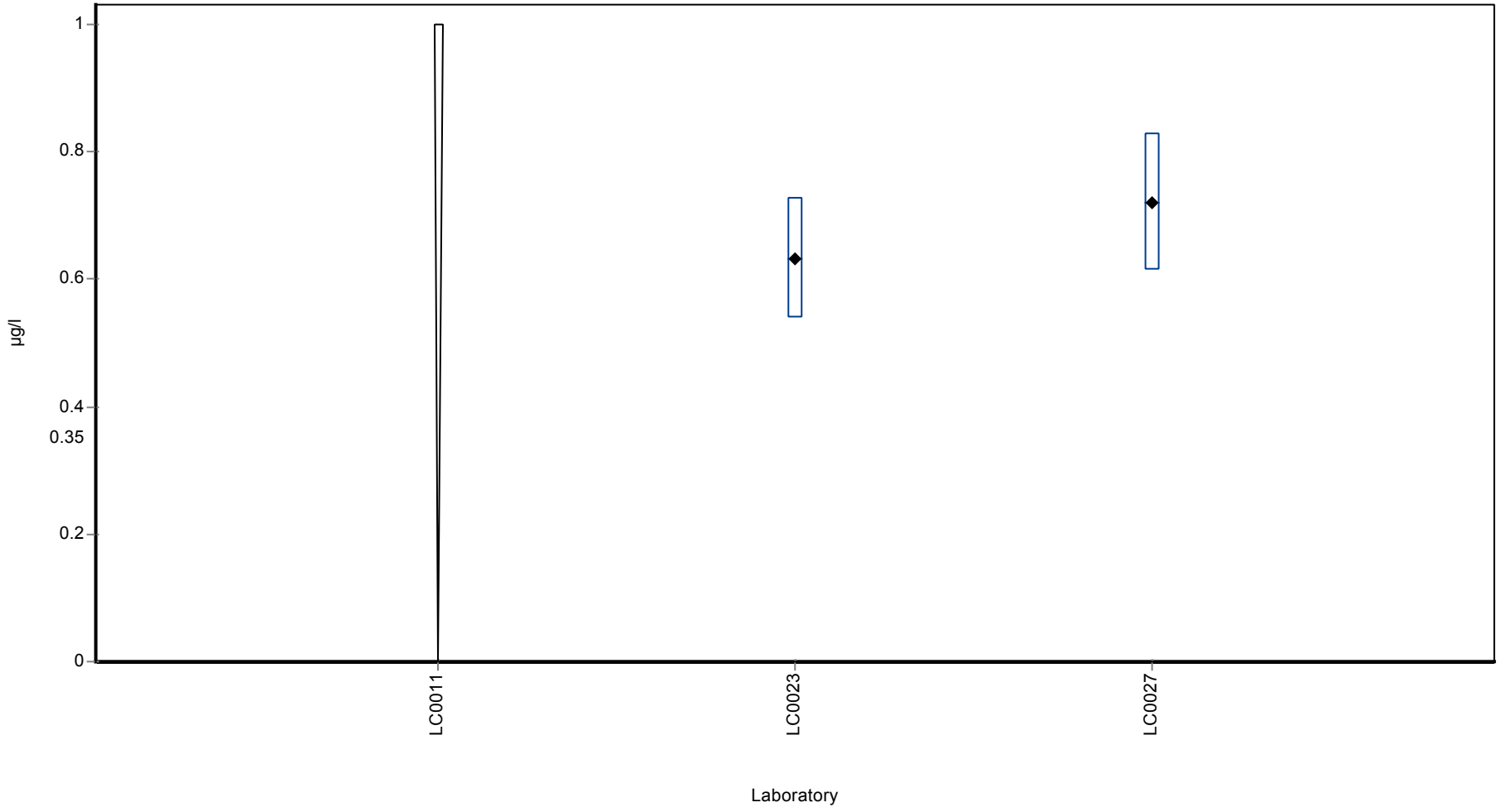
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.633	0.095	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.721	0.108	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.677 ± 0.132	-	µg/l
Minimum	0.633	0.633	µg/l
Maximum	0.721	0.721	µg/l
Standard deviation	0.0622	-	µg/l
rel. Standard deviation	9.19	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H94 A

Desethylterbuthylazine

Unit	µg/l
Mean ± CI (99%)	0.643 ± 0.0385
Minimum - Maximum	0.554 - 0.774
Control test value ± U	0.650 ± 0.029

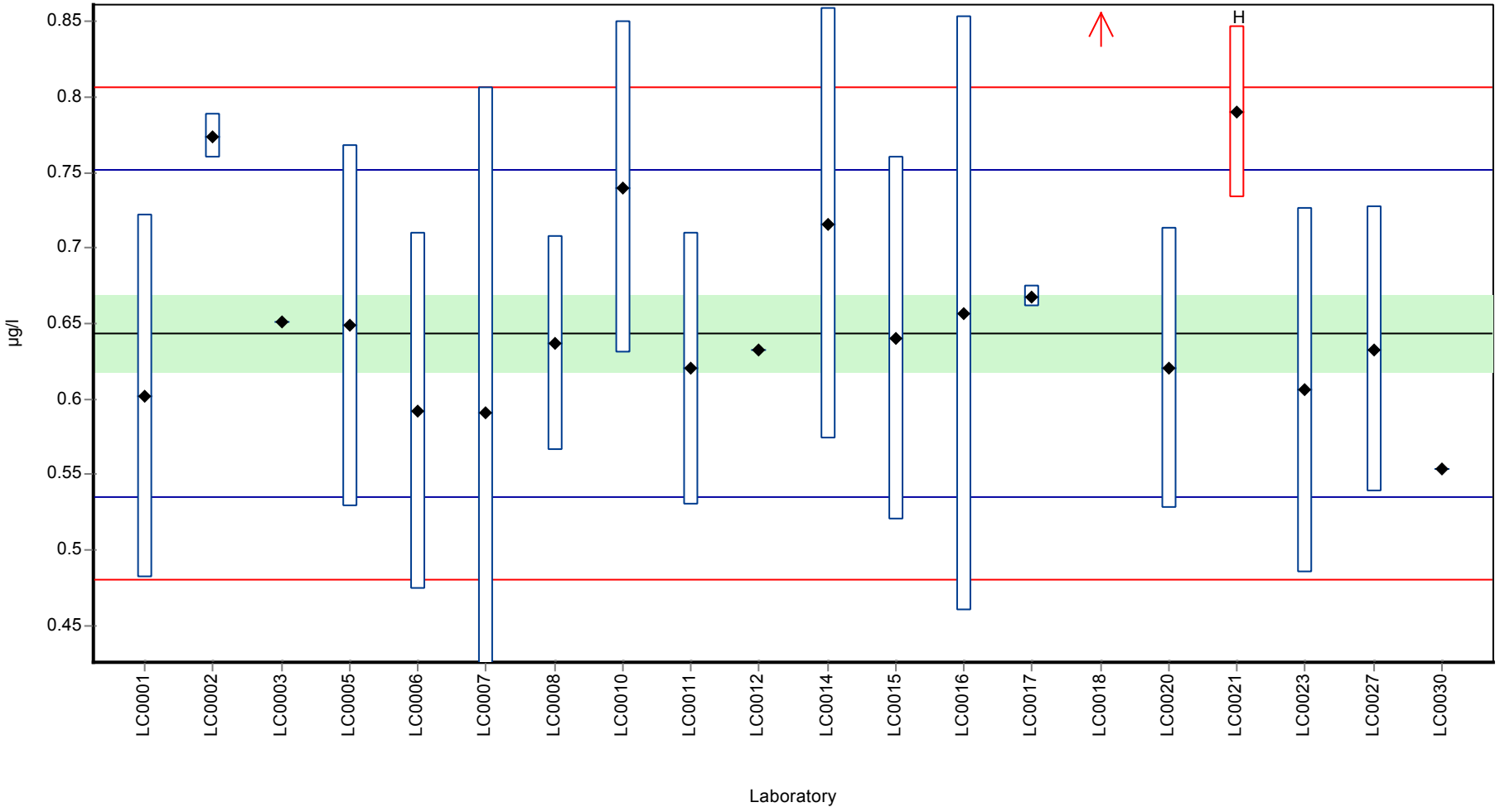
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.602	0.12	93.6	-0.76	
LC0002	0.774	0.015	120	2.4	
LC0003	0.651	-	101	0.14	
LC0004	-	-	-	-	
LC0005	0.6487	0.12	101	0.1	
LC0006	0.592	0.118	92	-0.94	
LC0007	0.5913	0.2154	91.9	-0.96	
LC0008	0.637	0.071	99	-0.12	
LC0009	-	-	-	-	
LC0010	0.74	0.11	115	1.77	
LC0011	0.62	0.09	96.4	-0.43	
LC0012	0.632	-	98.2	-0.21	
LC0013	-	-	-	-	
LC0014	0.716	0.143	111	1.33	
LC0015	0.64	0.12	99.5	-0.06	
LC0016	0.657	0.197	102	0.25	
LC0017	0.668	0.007	104	0.45	
LC0018	1.019	0.118	158	6.9	H
LC0019	-	-	-	-	
LC0020	0.62	0.093	96.4	-0.43	
LC0021	0.79	0.057	123	2.69	H
LC0022	-	-	-	-	
LC0023	0.606	0.121	94.2	-0.69	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.633	0.095	98.4	-0.19	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.554	-	86.1	-1.64	

Characteristics of parameter

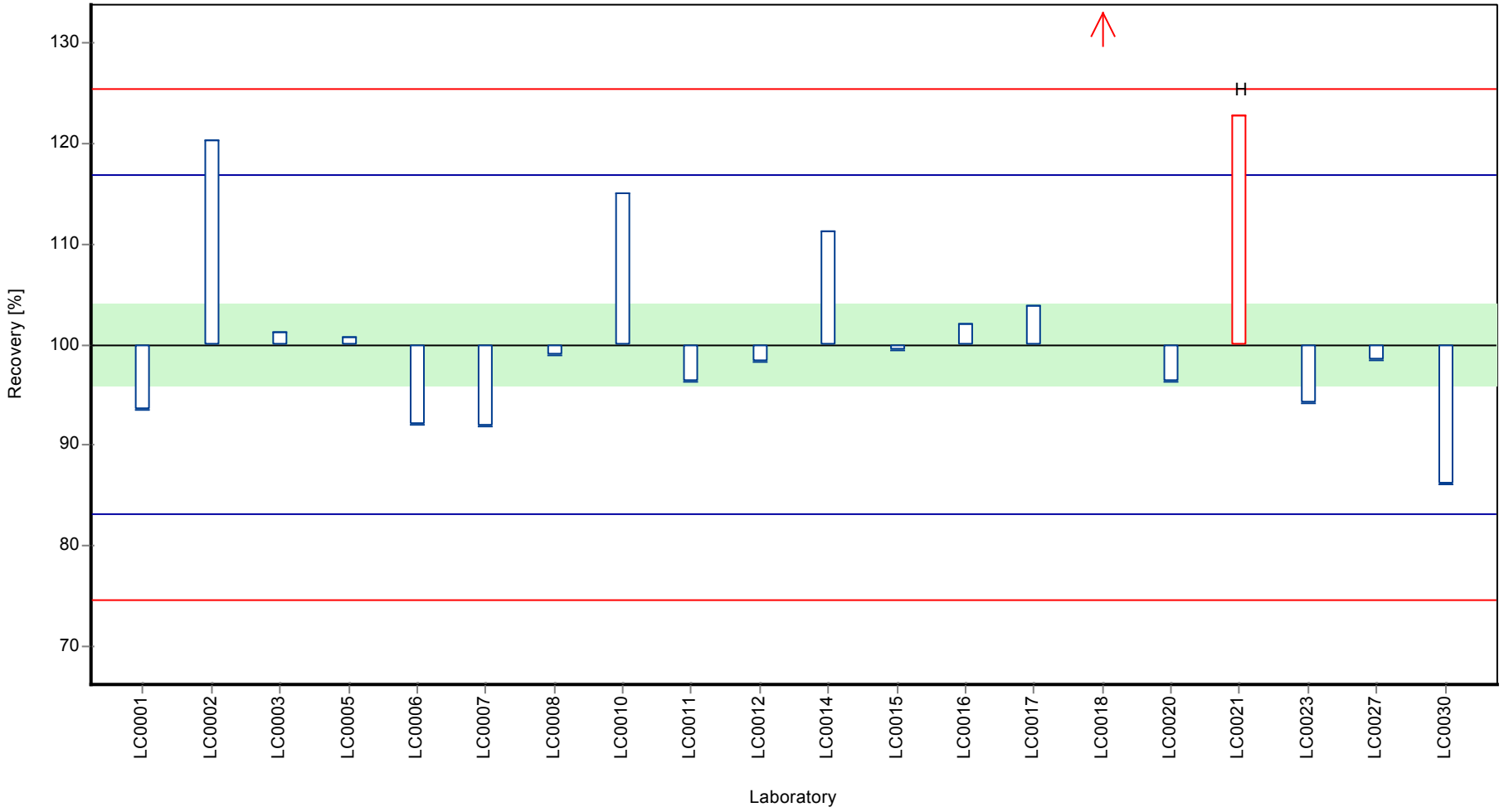
	all results	without outliers	Unit
Mean ± CI (99%)	0.67 ± 0.0687	0.643 ± 0.0385	µg/l
Minimum	0.554	0.554	µg/l
Maximum	1.02	0.774	µg/l
Standard deviation	0.102	0.0544	µg/l
rel. Standard deviation	15.3	8.46	%
n	20	18	-

Graphical presentation of results

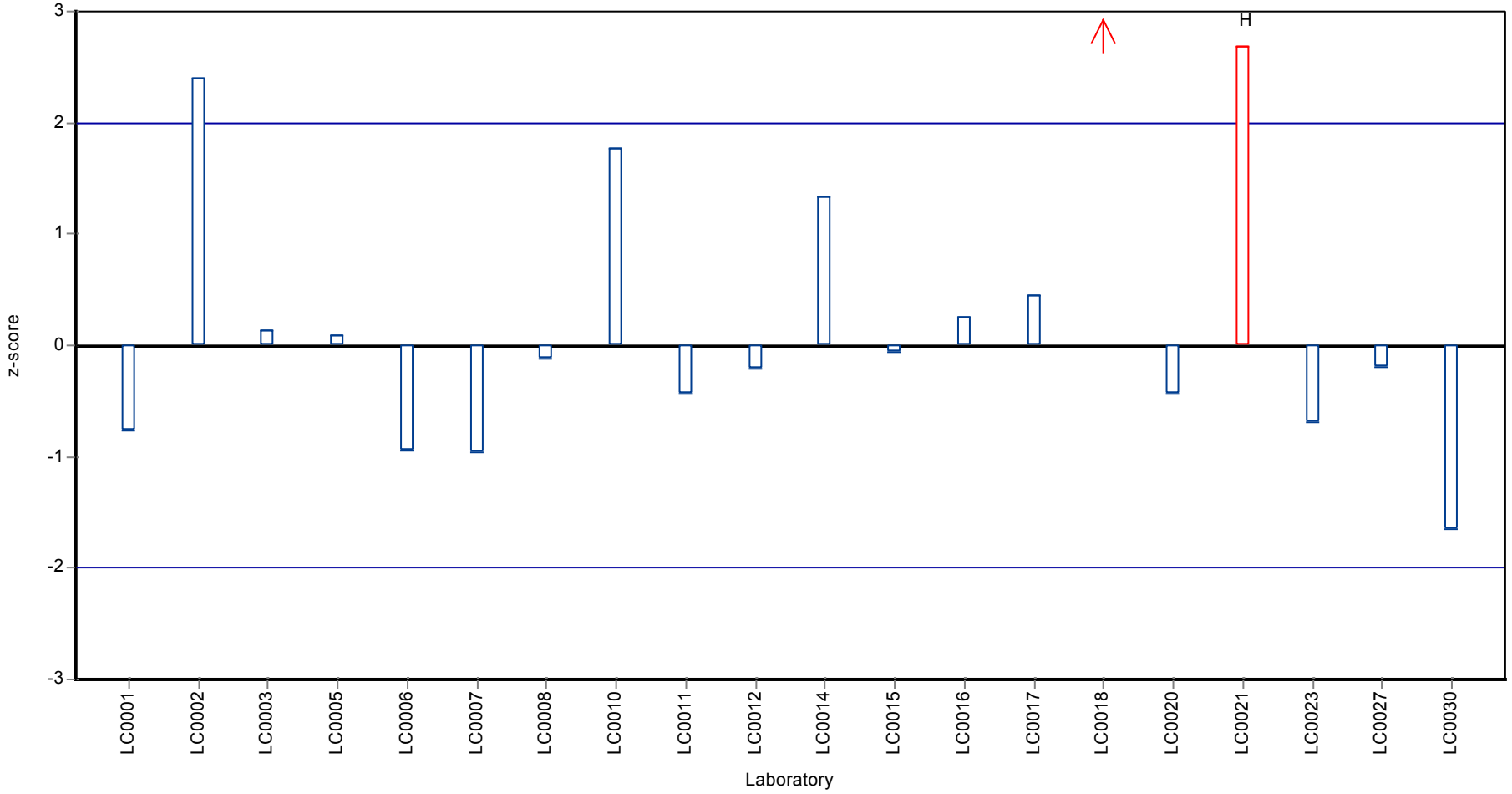
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
H
LC0001
LC0002
LC0003
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0012
LC0014
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0023
LC0027
LC0030
Laboratory

Parameter oriented report

H94 B

Desethylterbuthylazine

Unit	µg/l
Mean ± CI (99%)	0.328 ± 0.0149
Minimum - Maximum	0.295 - 0.374
Control test value ± U	0.330 ± 0.0152

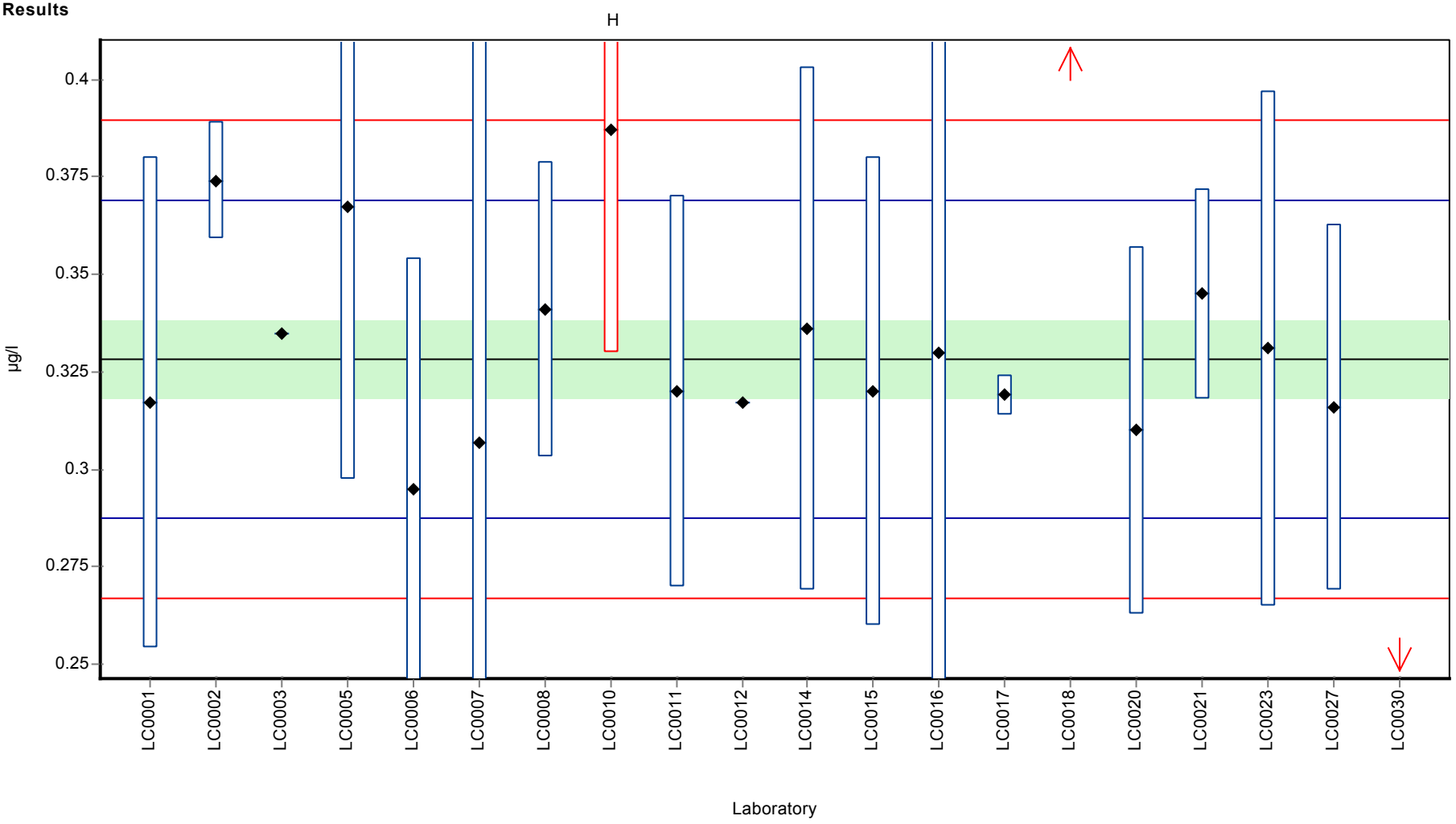
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.317	0.063	96.6	-0.55	
LC0002	0.374	0.015	114	2.24	
LC0003	0.335	-	102	0.33	
LC0004	-	-	-	-	
LC0005	0.3673	0.07	112	1.91	
LC0006	0.295	0.059	89.9	-1.62	
LC0007	0.3068	0.1118	93.5	-1.05	
LC0008	0.341	0.038	104	0.62	
LC0009	-	-	-	-	
LC0010	0.387	0.057	118	2.87	H
LC0011	0.32	0.05	97.5	-0.4	
LC0012	0.317	-	96.6	-0.55	
LC0013	-	-	-	-	
LC0014	0.336	0.067	102	0.38	
LC0015	0.32	0.06	97.5	-0.4	
LC0016	0.33	0.099	101	0.09	
LC0017	0.319	0.005	97.2	-0.45	
LC0018	0.458	0.053	140	6.34	H
LC0019	-	-	-	-	
LC0020	0.31	0.047	94.4	-0.89	
LC0021	0.345	0.027	105	0.82	
LC0022	-	-	-	-	
LC0023	0.331	0.066	101	0.14	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.316	0.047	96.3	-0.6	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.214	-	65.2	-5.58	H

Characteristics of parameter

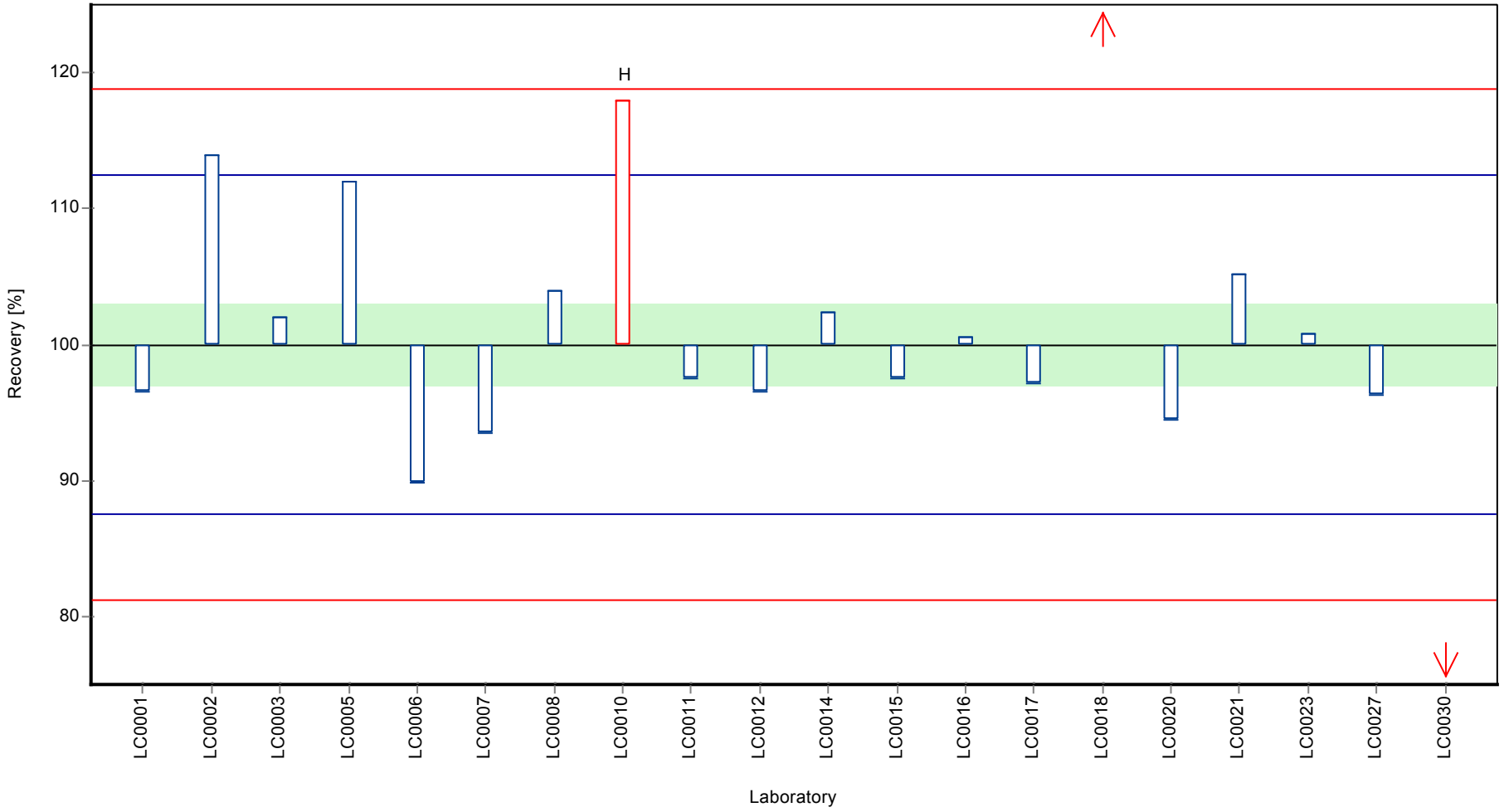
	all results	without outliers	Unit
Mean ± CI (99%)	0.332 ± 0.0307	0.328 ± 0.0149	µg/l
Minimum	0.214	0.295	µg/l
Maximum	0.458	0.374	µg/l
Standard deviation	0.0457	0.0205	µg/l
rel. Standard deviation	13.8	6.23	%
n	20	17	-

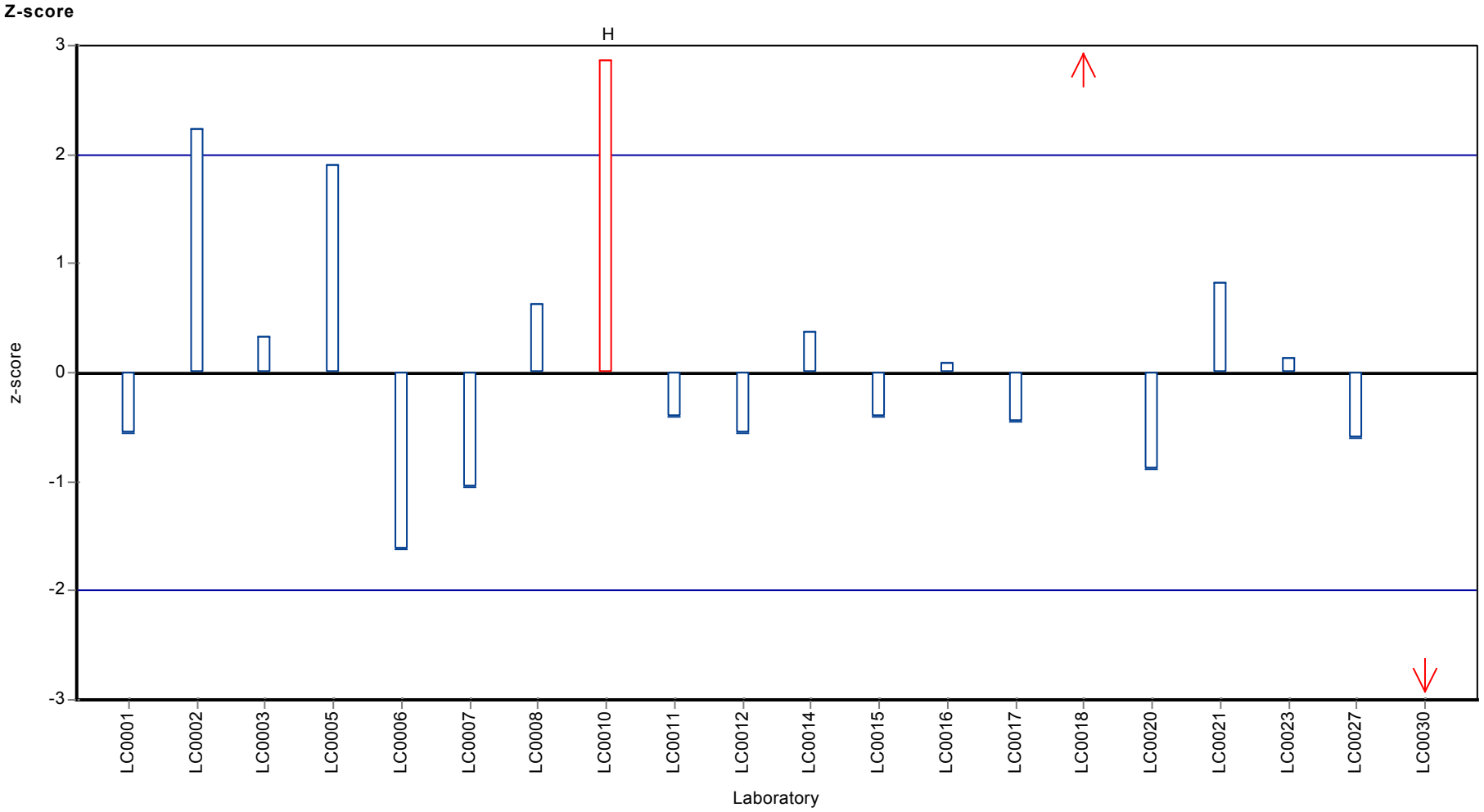
Graphical presentation of results

Results



Recovery rate




Z-score
H
3
2
1
0
-1
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-3
z-score
LC0001
LC0002
LC0003
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0012
LC0014
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0023
LC0027
LC0030
Laboratory

Parameter oriented report

H94 A

Desisopropylatrazine

Unit	µg/l
Mean ± CI (99%)	0.165 ± 0.0134
Minimum - Maximum	0.137 - 0.2
Control test value ± U	0.166 ± 0.0178

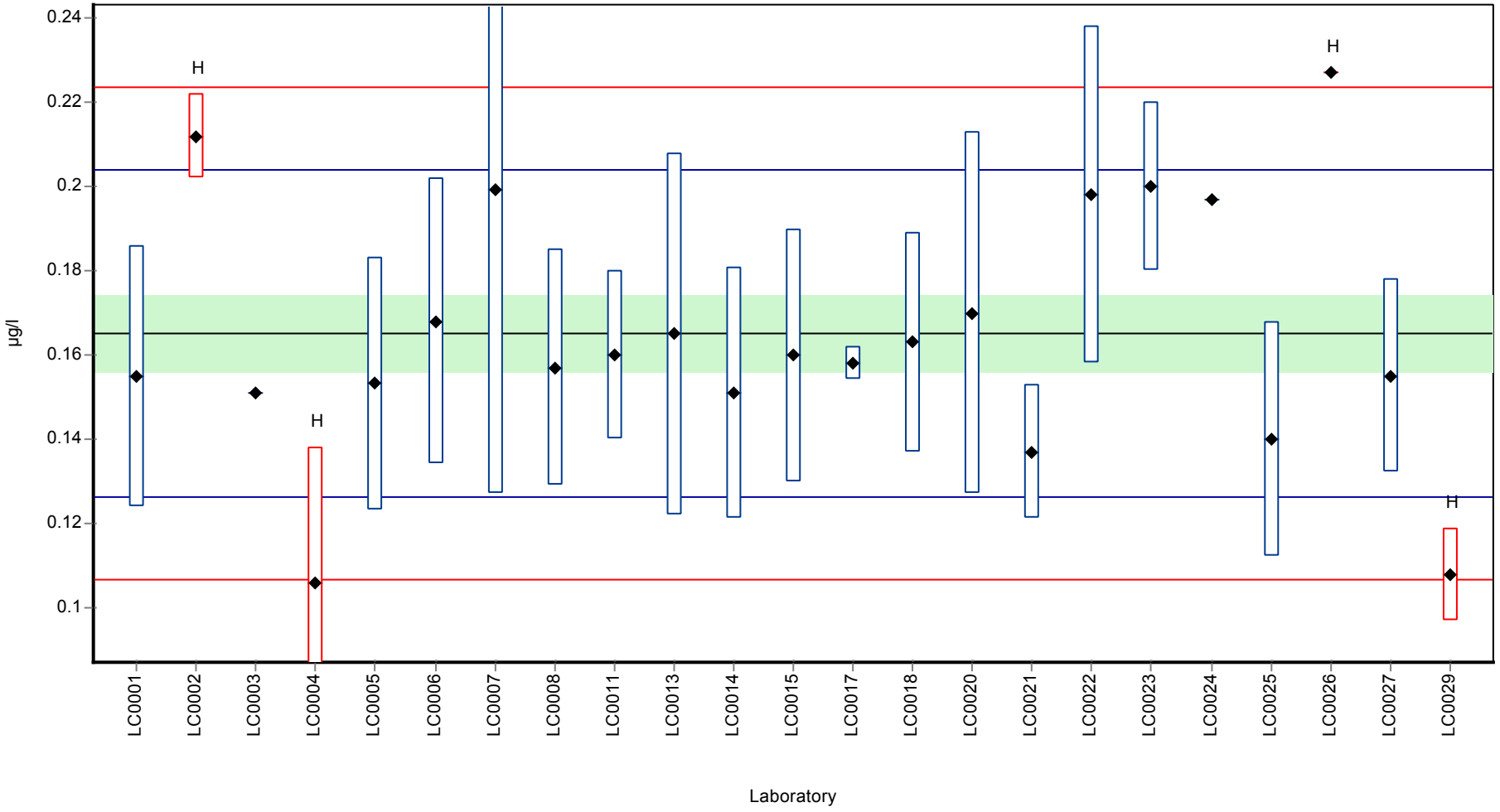
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.155	0.031	93.9	-0.52	
LC0002	0.212	0.01	128	2.4	H
LC0003	0.151	-	91.4	-0.72	
LC0004	0.106	0.032	64.2	-3.03	H
LC0005	0.1532	0.03	92.8	-0.61	
LC0006	0.168	0.034	102	0.15	
LC0007	0.19935	0.0722	121	1.75	
LC0008	0.157	0.028	95.1	-0.42	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.16	0.02	96.9	-0.26	
LC0012	-	-	-	-	
LC0013	0.165	0.043	99.9	-0.01	
LC0014	0.151	0.03	91.4	-0.72	
LC0015	0.16	0.03	96.9	-0.26	
LC0016	-	-	-	-	
LC0017	0.158	0.004	95.7	-0.36	
LC0018	0.163	0.026	98.7	-0.11	
LC0019	-	-	-	-	
LC0020	0.17	0.043	103	0.25	
LC0021	0.137	0.016	83	-1.44	
LC0022	0.198	0.04	120	1.68	
LC0023	0.2	0.02	121	1.79	
LC0024	0.197	-	119	1.63	
LC0025	0.14	0.028	84.8	-1.29	
LC0026	0.227	-	137	3.17	H
LC0027	0.155	0.023	93.9	-0.52	
LC0028	-	-	-	-	
LC0029	0.108	0.011	65.4	-2.93	H
LC0030	-	-	-	-	

Characteristics of parameter

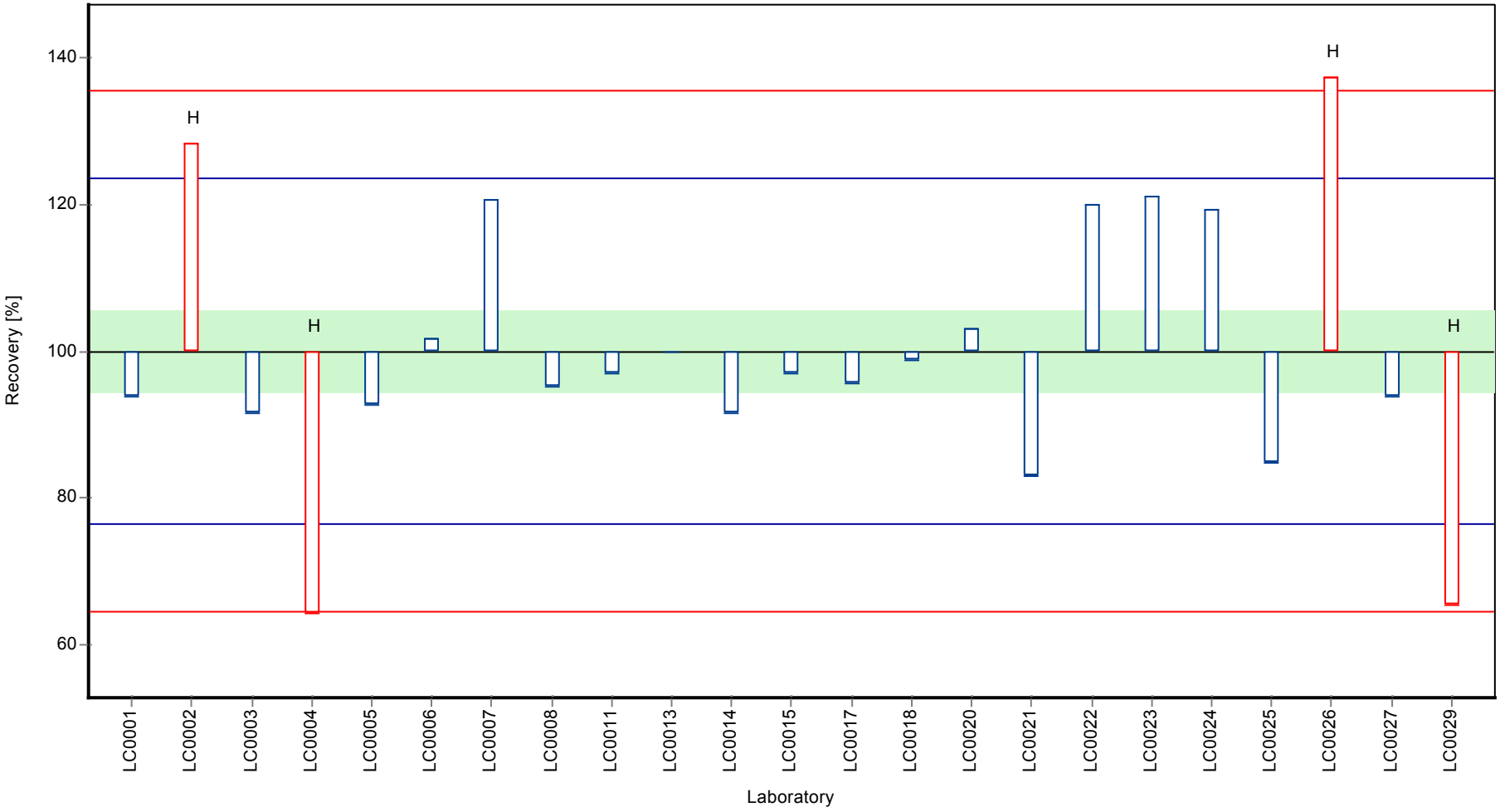
	all results	without outliers	Unit
Mean ± CI (99%)	0.165 ± 0.0187	0.165 ± 0.0134	µg/l
Minimum	0.106	0.137	µg/l
Maximum	0.227	0.2	µg/l
Standard deviation	0.0299	0.0195	µg/l
rel. Standard deviation	18.1	11.8	%
n	23	19	-

Graphical presentation of results

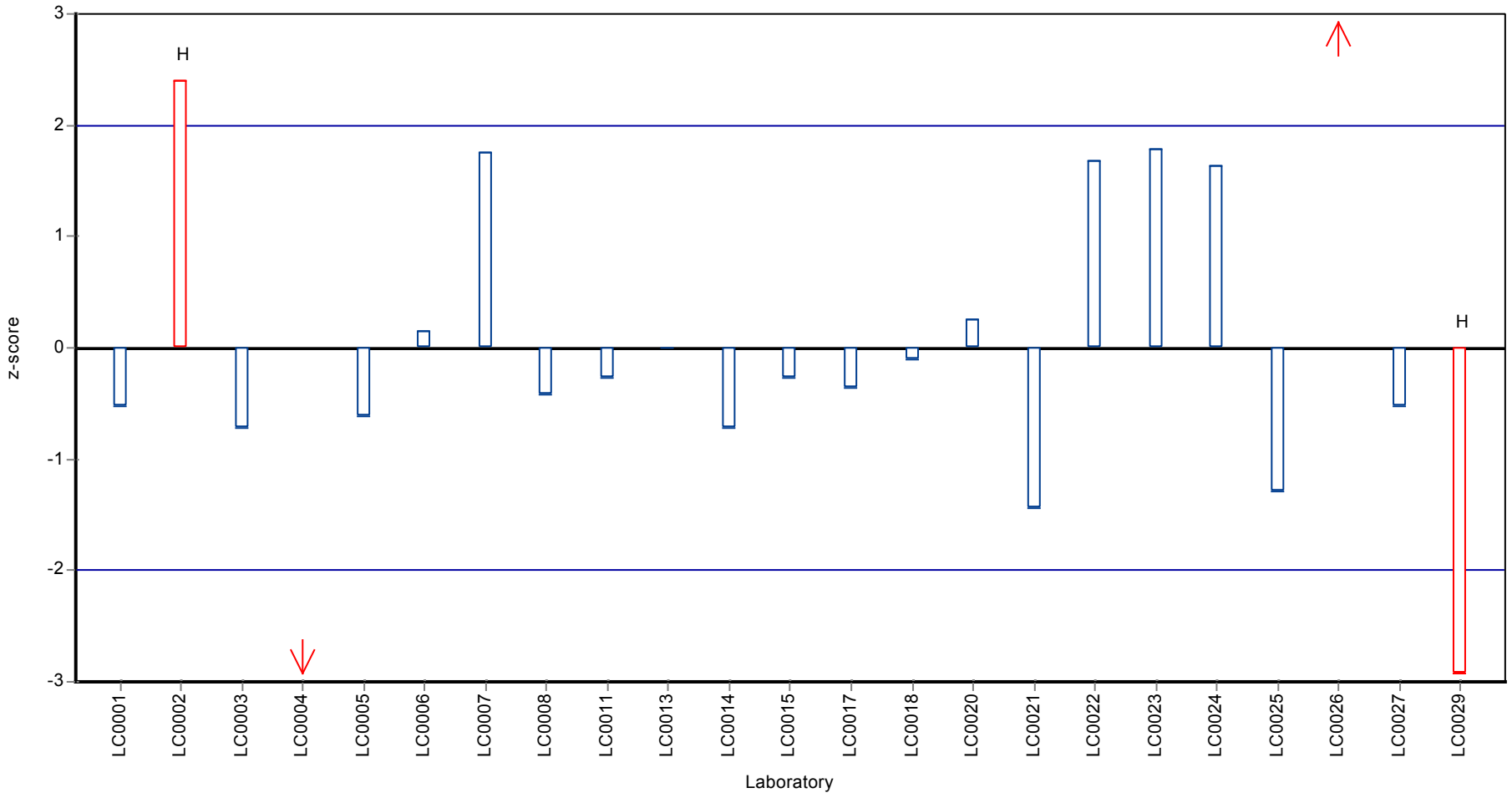
Results



Recovery rate



Z-score


3
2
1
0
-1
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-3
z-score
H
H
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0011
LC0013
LC0014
LC0015
LC0017
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0026
LC0027
LC0029
Laboratory

Parameter oriented report

H94 B

Desisopropylatrazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.01 - 0.01
Control test value ± U	< 0.025 (LOD)

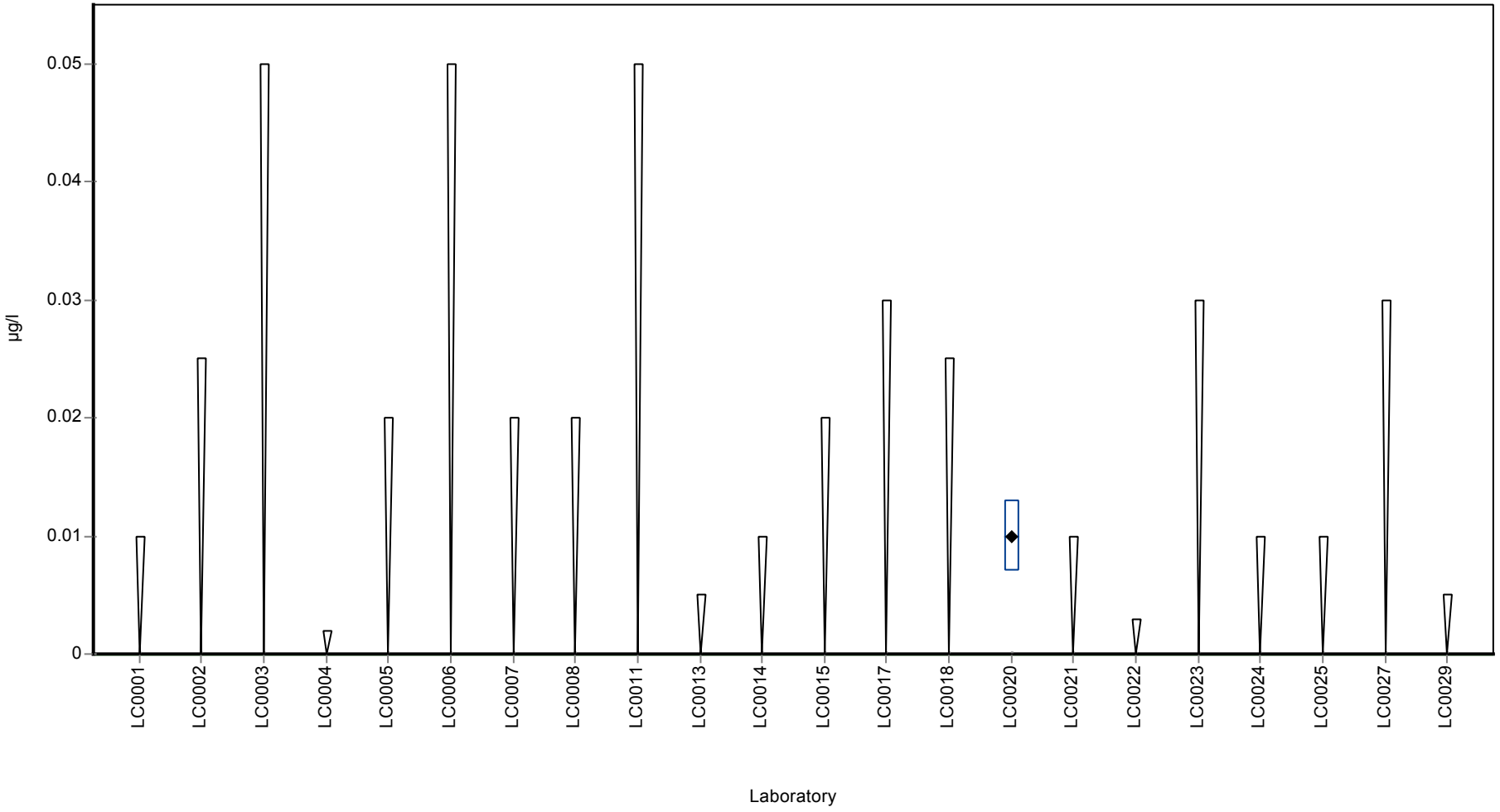
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.002 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	< 0.025 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	0.01	0.003	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	< 0.003 (LOQ)	-	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	<0.005 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.01	-	µg/l
Minimum	0.01	0.01	µg/l
Maximum	0.01	0.01	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H94 A

Diuron

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.004 - 0.006
Control test value ± U	< 0.025 (LOD)

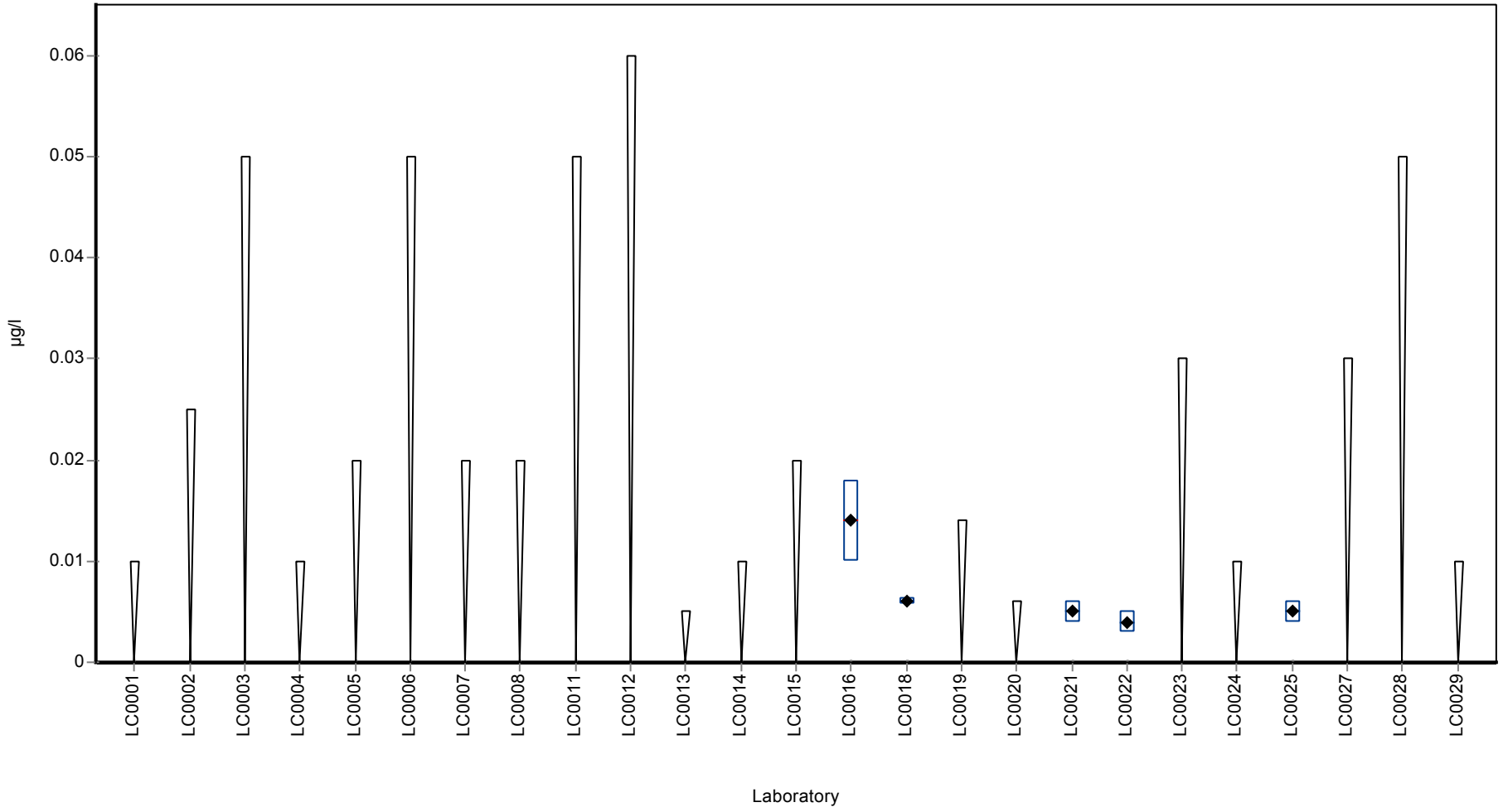
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.06 (LOQ)	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	0.014	0.004	-	-	
LC0017	-	-	-	-	
LC0018	0.006	0.0003	-	-	
LC0019	< 0.014 (LOQ)	-	-	-	
LC0020	< 0.006 (LOQ)	-	-	-	
LC0021	0.005	0.001	-	-	
LC0022	0.004	0.001	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	0.005	0.001	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	< 0.05 (LOQ)	-	-	-	
LC0029	<0.01 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0068 ± 0.00548	-	µg/l
Minimum	0.004	0.004	µg/l
Maximum	0.014	0.006	µg/l
Standard deviation	0.00409	-	µg/l
rel. Standard deviation	60.1	-	%
n	5	4	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Diuron

Unit	µg/l
Mean ± CI (99%)	0.0865 ± 0.00718
Minimum - Maximum	0.054 - 0.113
Control test value ± U	0.0958 ± 0.0141

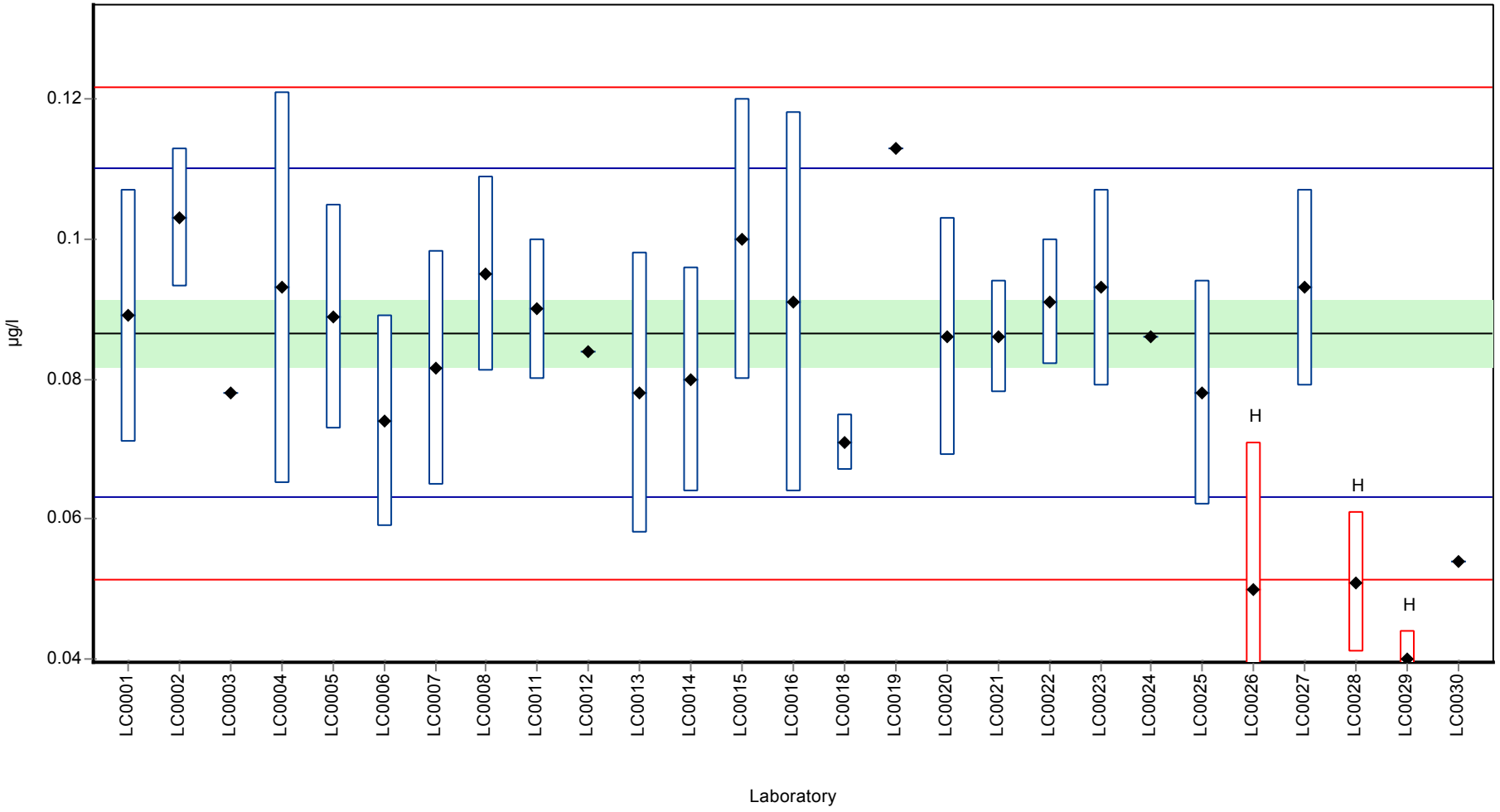
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.089	0.018	103	0.21	
LC0002	0.103	0.01	119	1.41	
LC0003	0.078	-	90.2	-0.73	
LC0004	0.093	0.028	107	0.55	
LC0005	0.0888	0.016	103	0.2	
LC0006	0.074	0.015	85.5	-1.07	
LC0007	0.0816	0.0168	94.3	-0.42	
LC0008	0.095	0.014	110	0.72	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.09	0.01	104	0.3	
LC0012	0.084	-	97.1	-0.21	
LC0013	0.078	0.02	90.2	-0.73	
LC0014	0.08	0.016	92.5	-0.56	
LC0015	0.1	0.02	116	1.15	
LC0016	0.091	0.027	105	0.38	
LC0017	-	-	-	-	
LC0018	0.071	0.004	82.1	-1.32	
LC0019	0.113	-	131	2.26	
LC0020	0.086	0.017	99.4	-0.04	
LC0021	0.086	0.008	99.4	-0.04	
LC0022	0.091	0.009	105	0.38	
LC0023	0.093	0.014	107	0.55	
LC0024	0.086	-	99.4	-0.04	
LC0025	0.078	0.016	90.2	-0.73	
LC0026	0.05	0.021	57.8	-3.11	H
LC0027	0.093	0.014	107	0.55	
LC0028	0.051	0.01	58.9	-3.03	H
LC0029	0.04	0.004	46.2	-3.97	H
LC0030	0.054	-	62.4	-2.77	

Characteristics of parameter

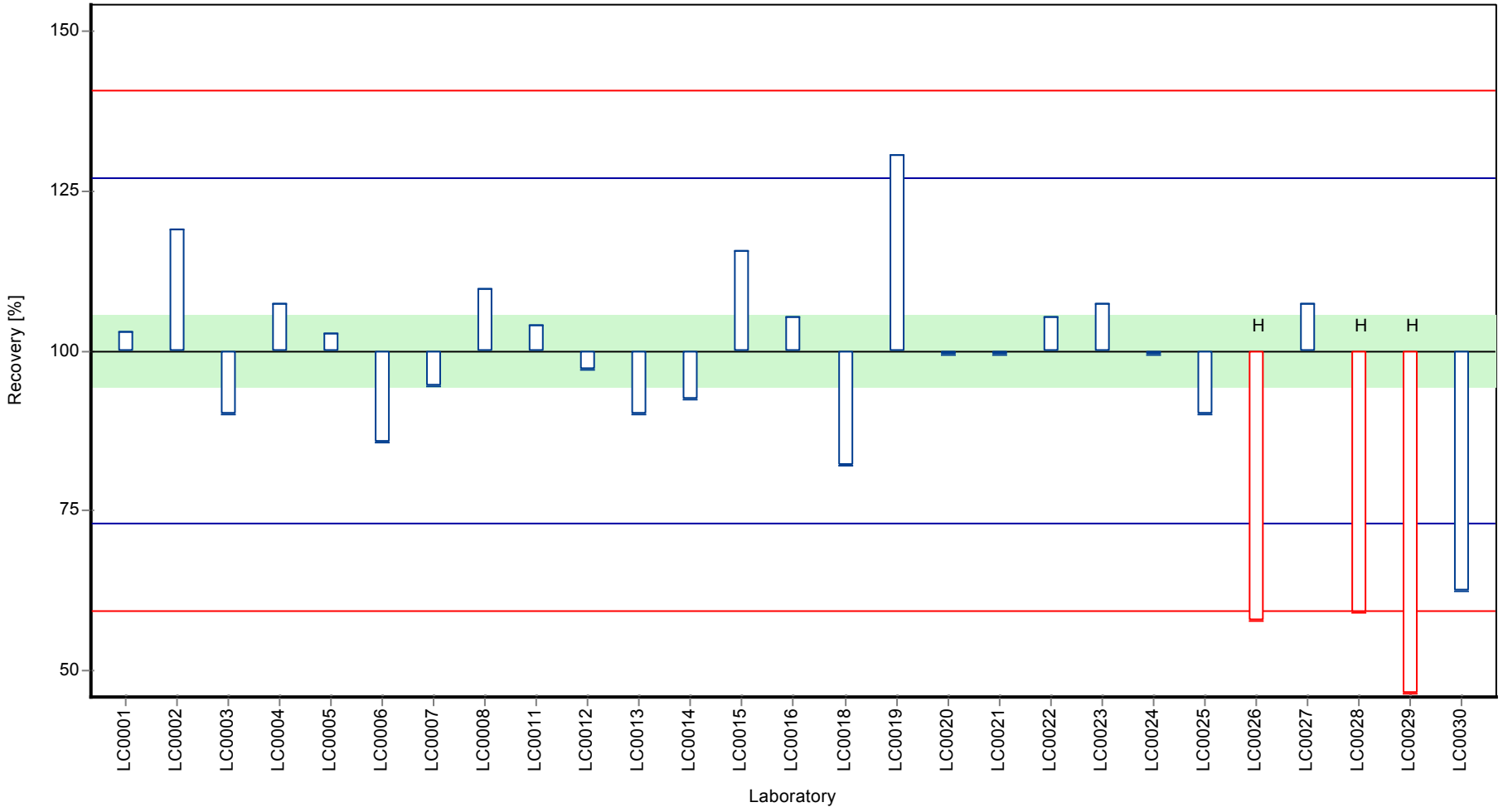
	all results	without outliers	Unit
Mean ± CI (99%)	0.0821 ± 0.00974	0.0865 ± 0.00718	µg/l
Minimum	0.04	0.054	µg/l
Maximum	0.113	0.113	µg/l
Standard deviation	0.0169	0.0117	µg/l
rel. Standard deviation	20.5	13.6	%
n	27	24	-

Graphical presentation of results

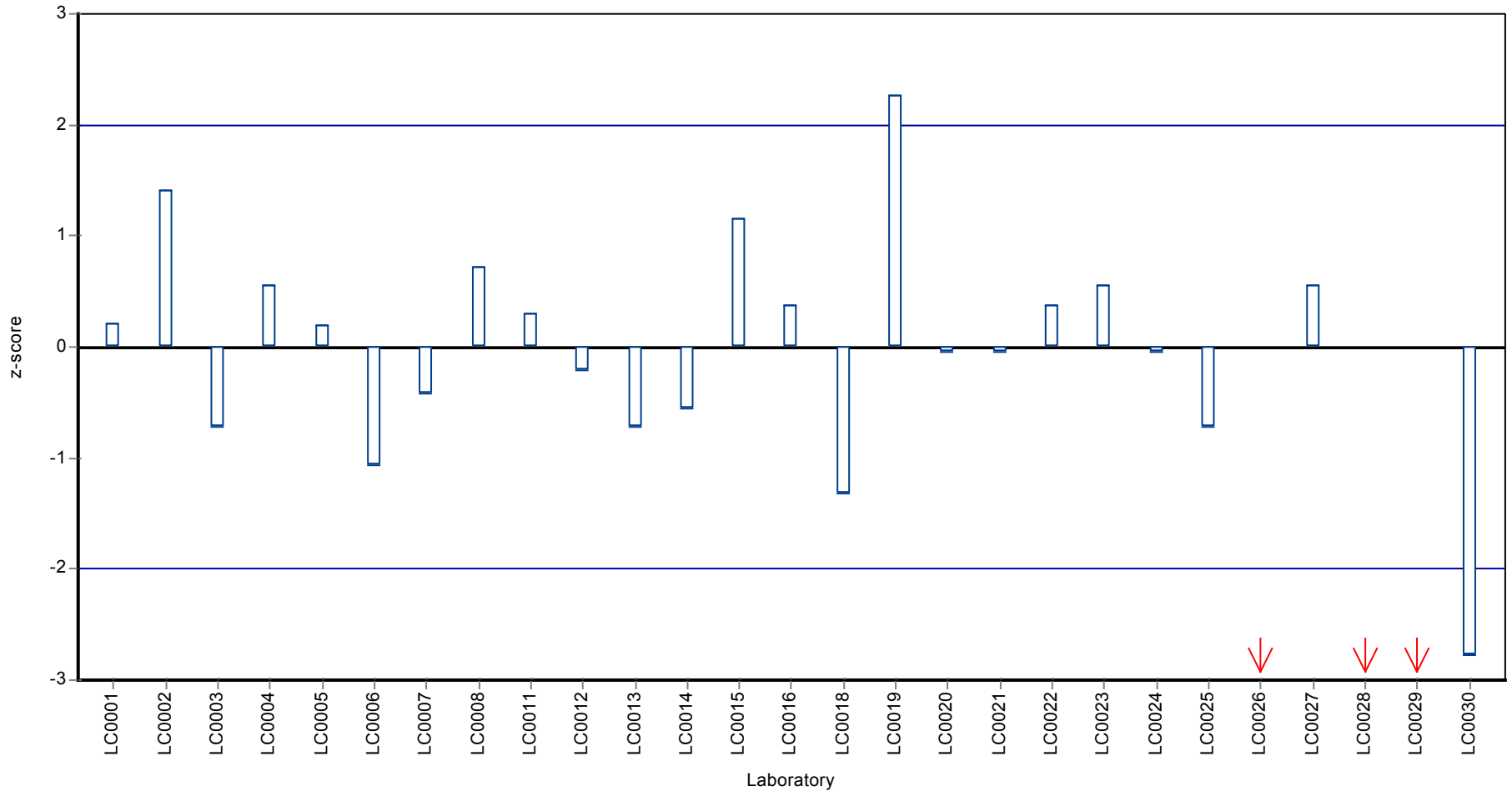
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0011
LC0012
LC0013
LC0014
LC0015
LC0016
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0026
LC0027
LC0028
LC0029
LC0030
Laboratory

Parameter oriented report

H94 A

Dimethenamide

Unit	µg/l
Mean ± CI (99%)	0.393 ± 0.0357
Minimum - Maximum	0.315 - 0.445
Control test value ± U	0.407 ± 0.0186

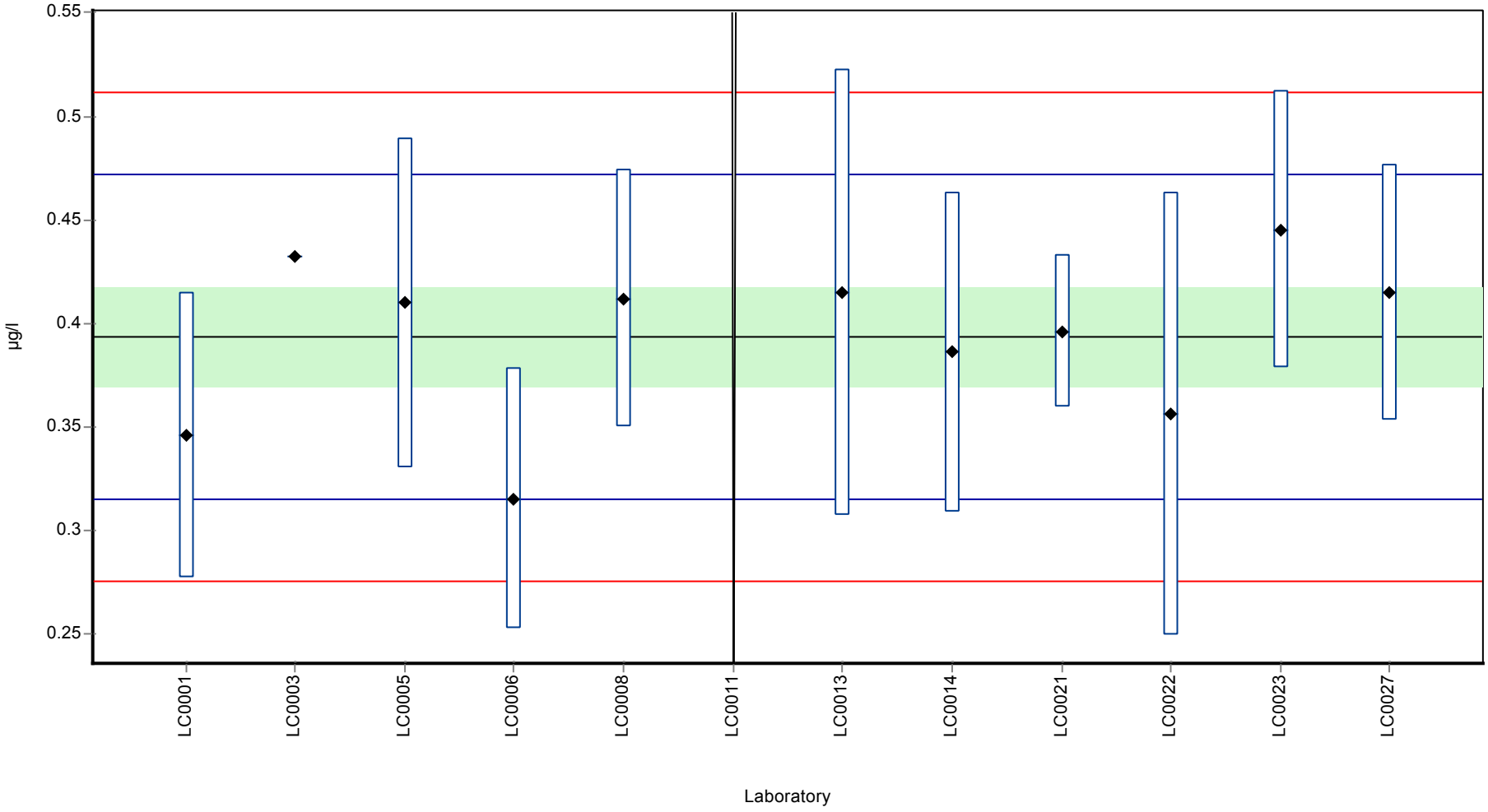
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.346	0.069	87.9	-1.2	
LC0002	-	-	-	-	
LC0003	0.432	-	110	0.98	
LC0004	-	-	-	-	
LC0005	0.4097	0.08	104	0.41	
LC0006	0.315	0.063	80.1	-1.99	
LC0007	-	-	-	-	
LC0008	0.412	0.062	105	0.47	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.415	0.108	105	0.55	
LC0014	0.386	0.077	98.1	-0.19	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.396	0.037	101	0.07	
LC0022	0.356	0.107	90.5	-0.95	
LC0023	0.445	0.067	113	1.31	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.415	0.062	105	0.55	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

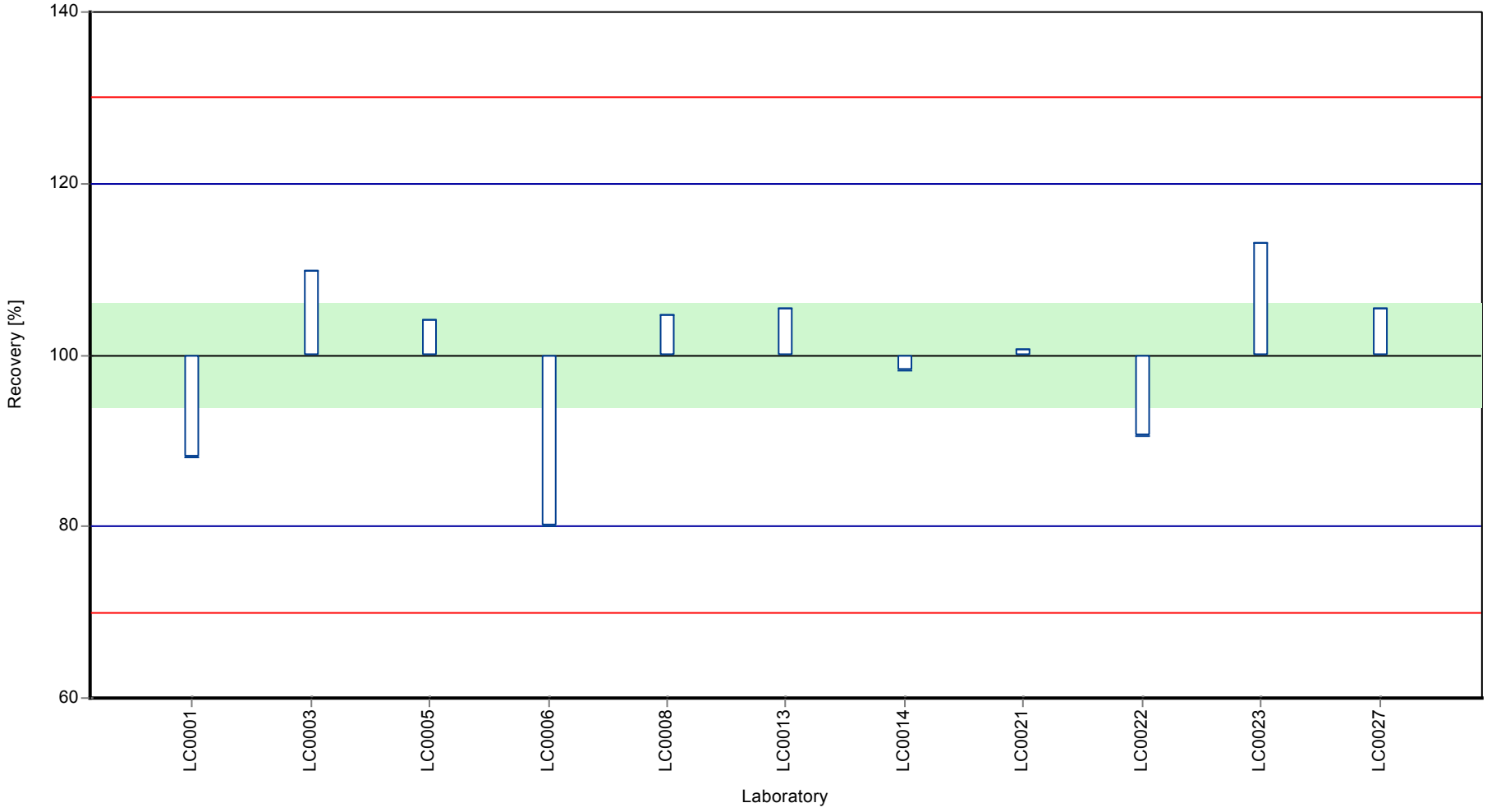
	all results	without outliers	Unit
Mean ± CI (99%)	0.393 ± 0.0357	0.393 ± 0.0357	µg/l
Minimum	0.315	0.315	µg/l
Maximum	0.445	0.445	µg/l
Standard deviation	0.0394	0.0394	µg/l
rel. Standard deviation	10	10	%
n	11	11	-

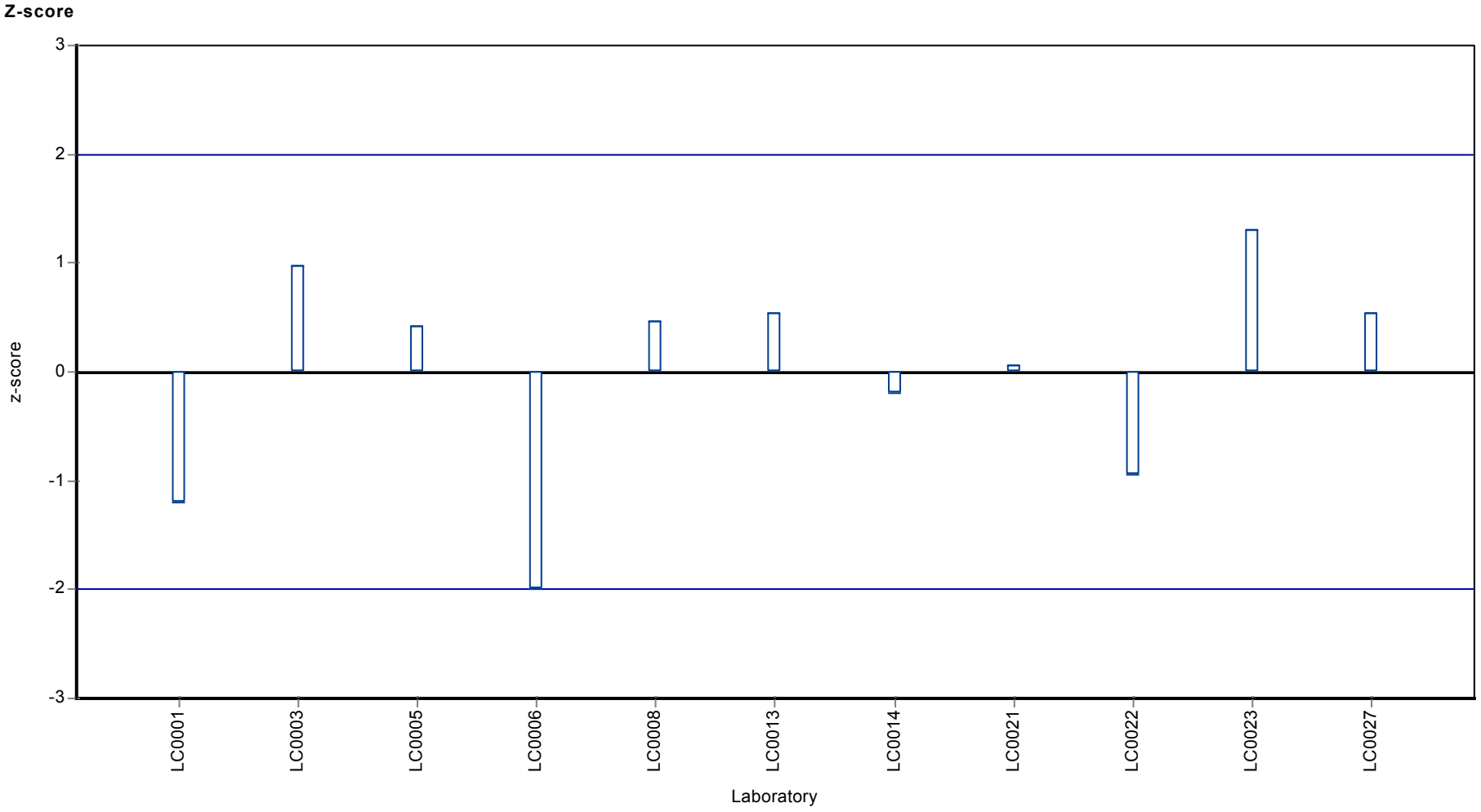
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0008
LC0013
LC0014
LC0021
LC0022
LC0023
LC0027
Laboratory

Parameter oriented report

H94 B

Dimethenamide

Unit	µg/l
Mean ± CI (99%)	0.574 ± 0.0518
Minimum - Maximum	0.466 - 0.667
Control test value ± U	0.568 ± 0.0147

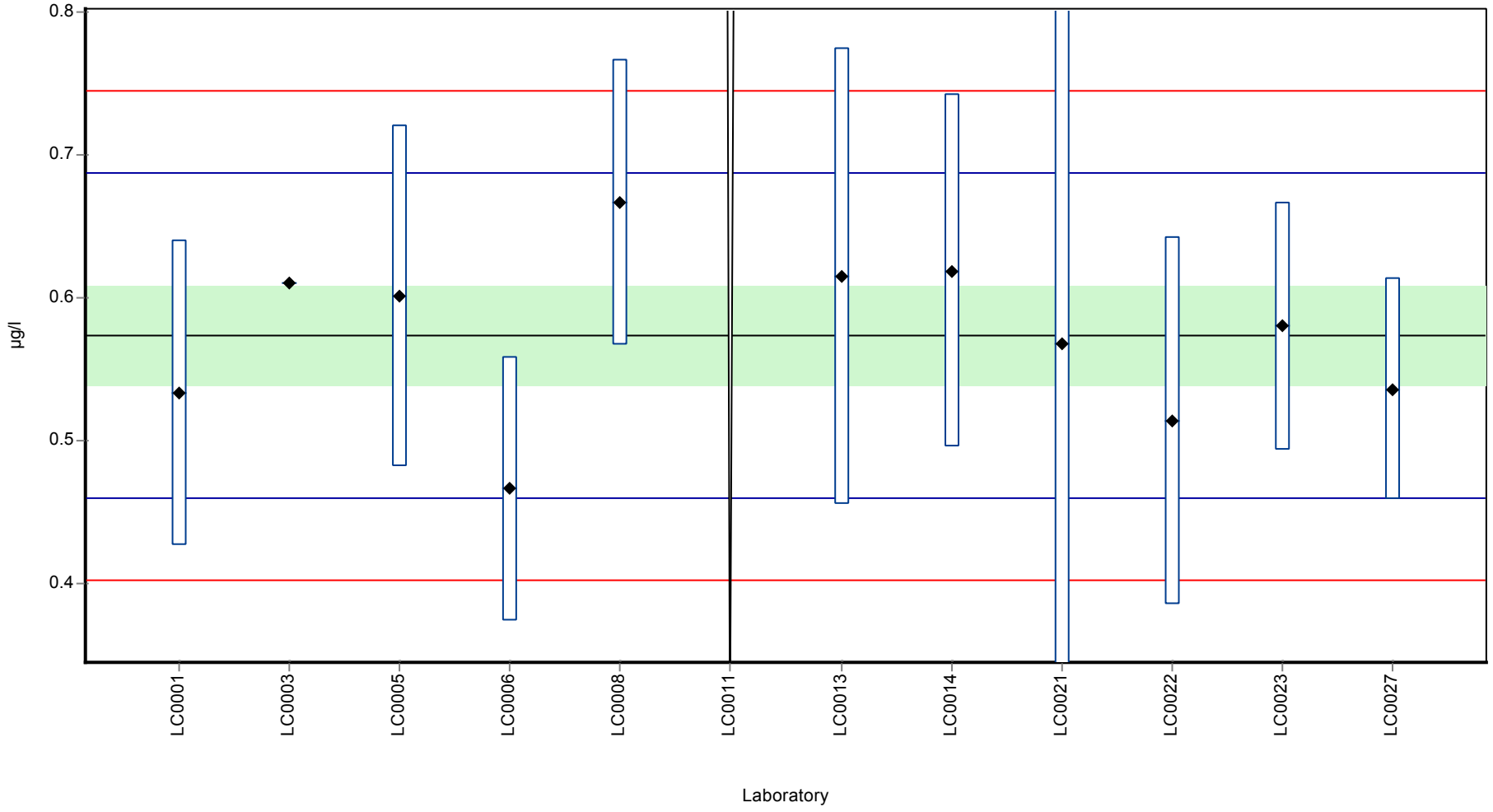
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.533	0.107	92.9	-0.71	
LC0002	-	-	-	-	
LC0003	0.61	-	106	0.64	
LC0004	-	-	-	-	
LC0005	0.6009	0.12	105	0.48	
LC0006	0.466	0.093	81.3	-1.88	
LC0007	-	-	-	-	
LC0008	0.667	0.1	116	1.63	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.615	0.16	107	0.72	
LC0014	0.619	0.124	108	0.79	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.568	0.64	99	-0.1	
LC0022	0.514	0.129	89.6	-1.04	
LC0023	0.58	0.087	101	0.11	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.536	0.078	93.5	-0.66	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

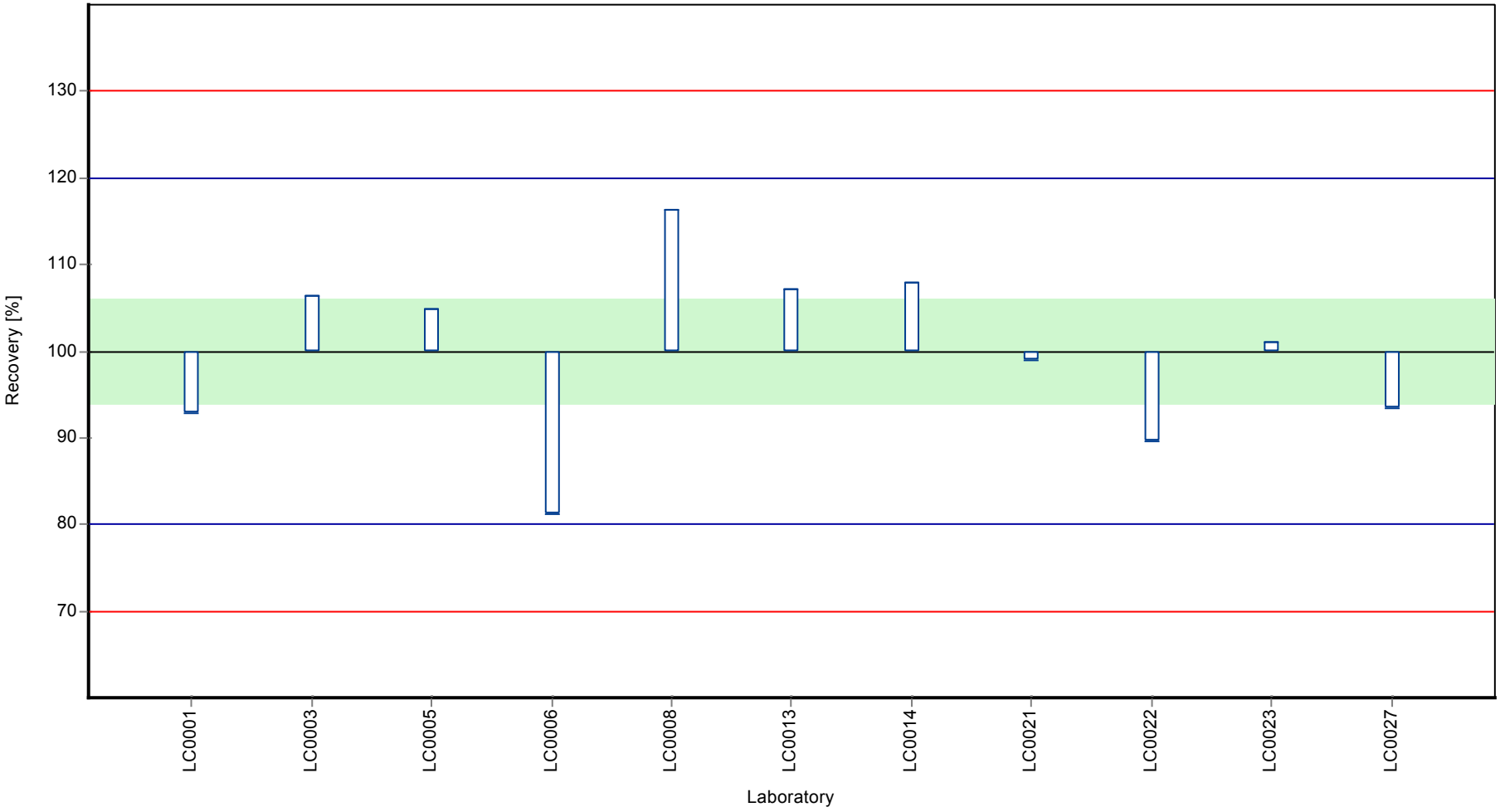
	all results	without outliers	Unit
Mean ± CI (99%)	0.574 ± 0.0518	0.574 ± 0.0518	µg/l
Minimum	0.466	0.466	µg/l
Maximum	0.667	0.667	µg/l
Standard deviation	0.0573	0.0573	µg/l
rel. Standard deviation	9.99	9.99	%
n	11	11	-

Graphical presentation of results

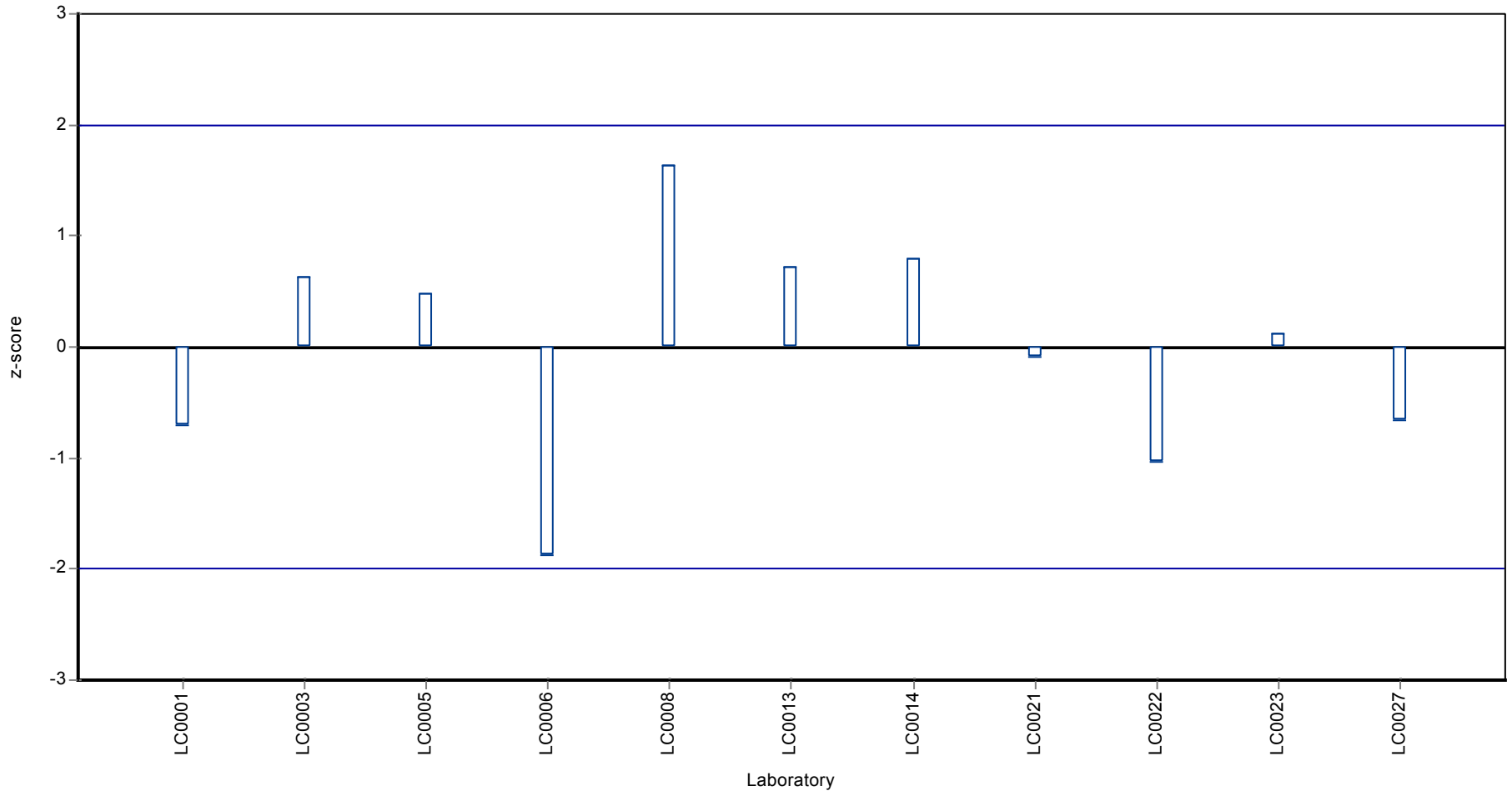
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0008
LC0013
LC0014
LC0021
LC0022
LC0023
LC0027
Laboratory

Parameter oriented report

H94 A

Dimethylsulfamide

Unit	µg/l
Mean ± CI (99%)	0.358 ± 0.137
Minimum - Maximum	0.173 - 0.489
Control test value ± U	0.342 ± 0.00672

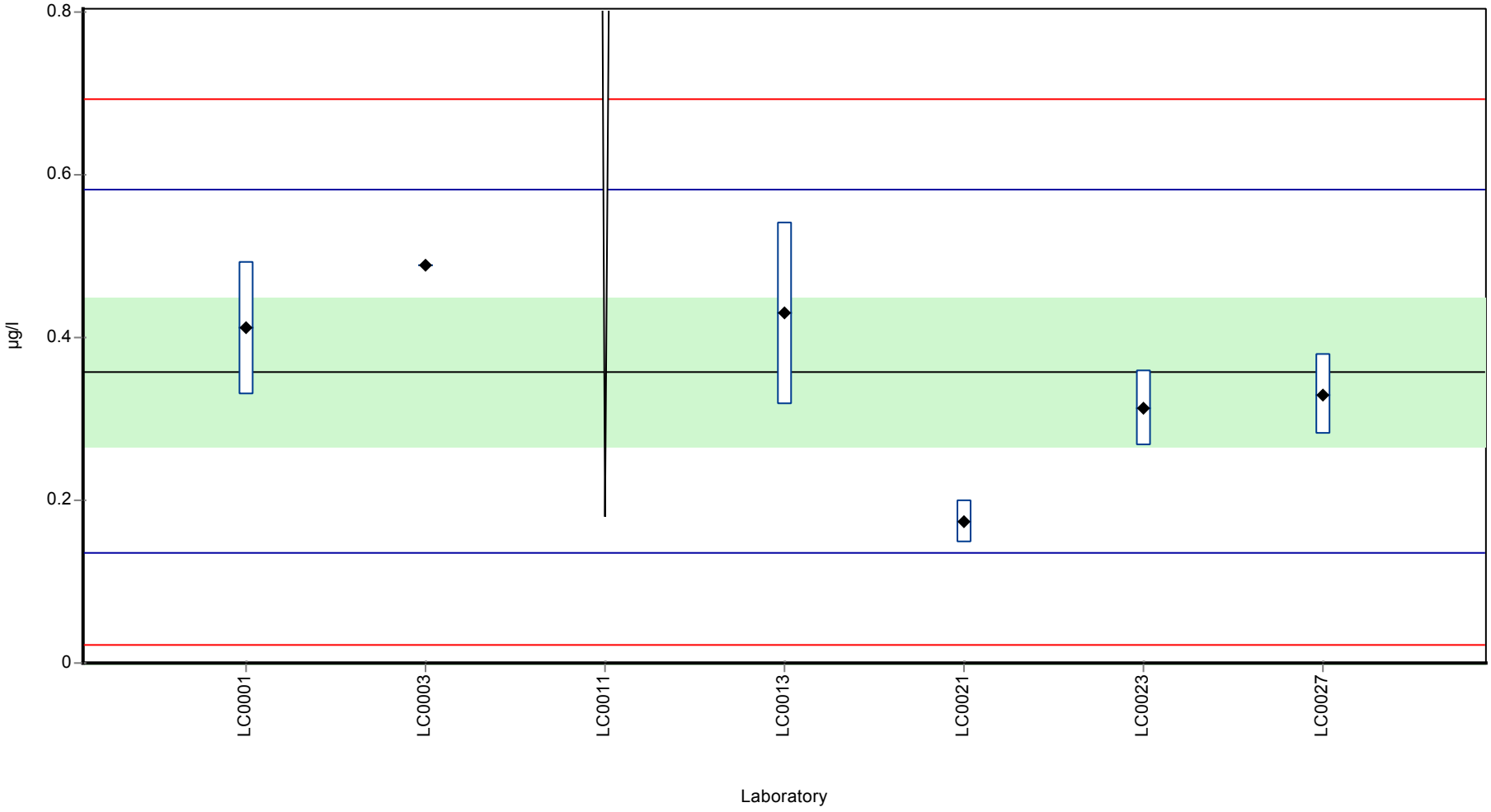
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.411	0.082	115	0.48	
LC0002	-	-	-	-	
LC0003	0.489	-	137	1.18	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.43	0.112	120	0.65	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.173	0.026	48.4	-1.66	
LC0022	-	-	-	-	
LC0023	0.313	0.047	87.5	-0.4	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.33	0.049	92.3	-0.25	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

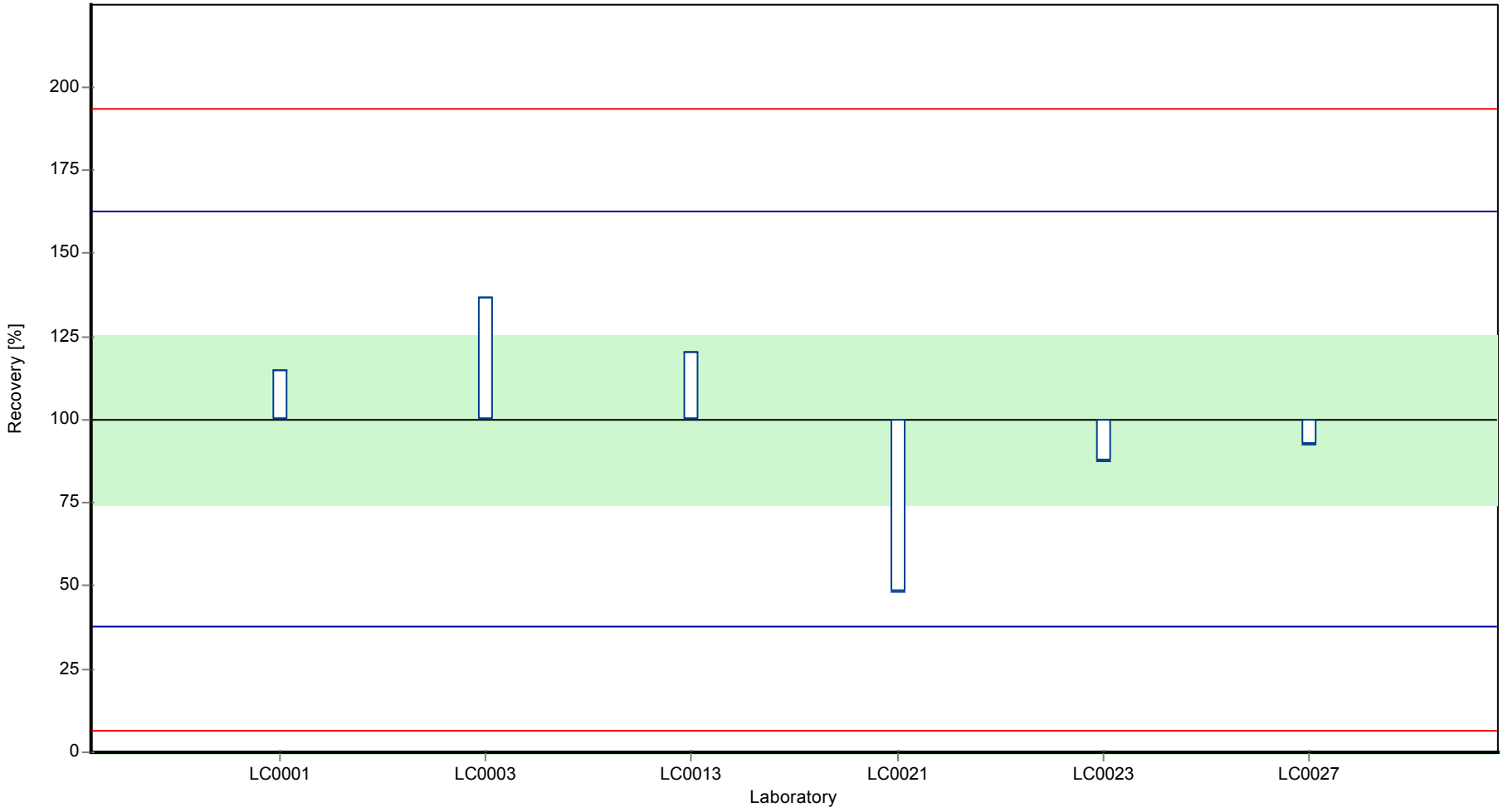
	all results	without outliers	Unit
Mean ± CI (99%)	0.358 ± 0.137	0.358 ± 0.137	µg/l
Minimum	0.173	0.173	µg/l
Maximum	0.489	0.489	µg/l
Standard deviation	0.112	0.112	µg/l
rel. Standard deviation	31.2	31.2	%
n	6	6	-

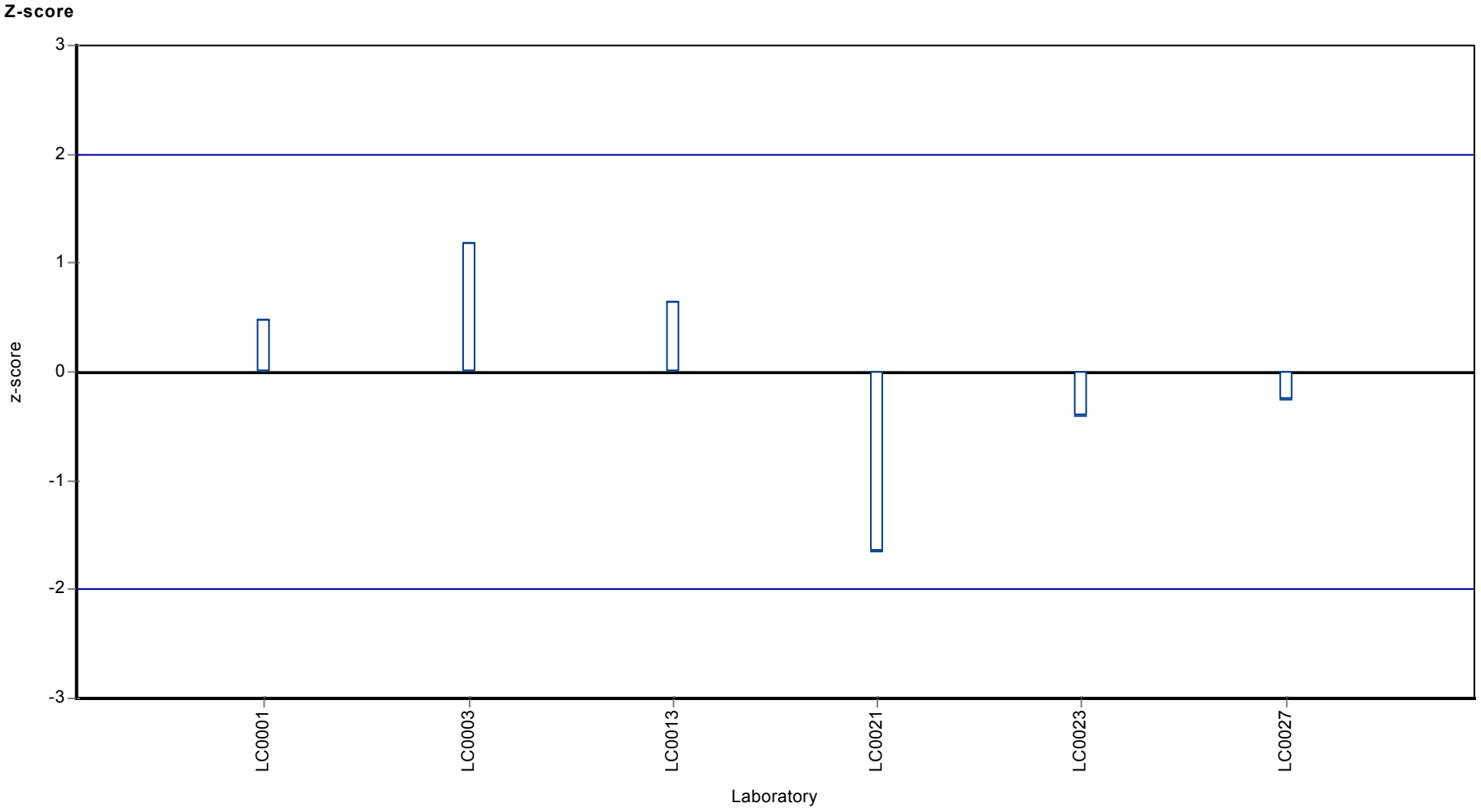
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0013
LC0021
LC0023
LC0027
Laboratory

Parameter oriented report

H94 B

Dimethylsulfamide

Unit	µg/l
Mean ± CI (99%)	0.395 ± 0.0857
Minimum - Maximum	0.314 - 0.485
Control test value ± U	0.381 ± 0.0108

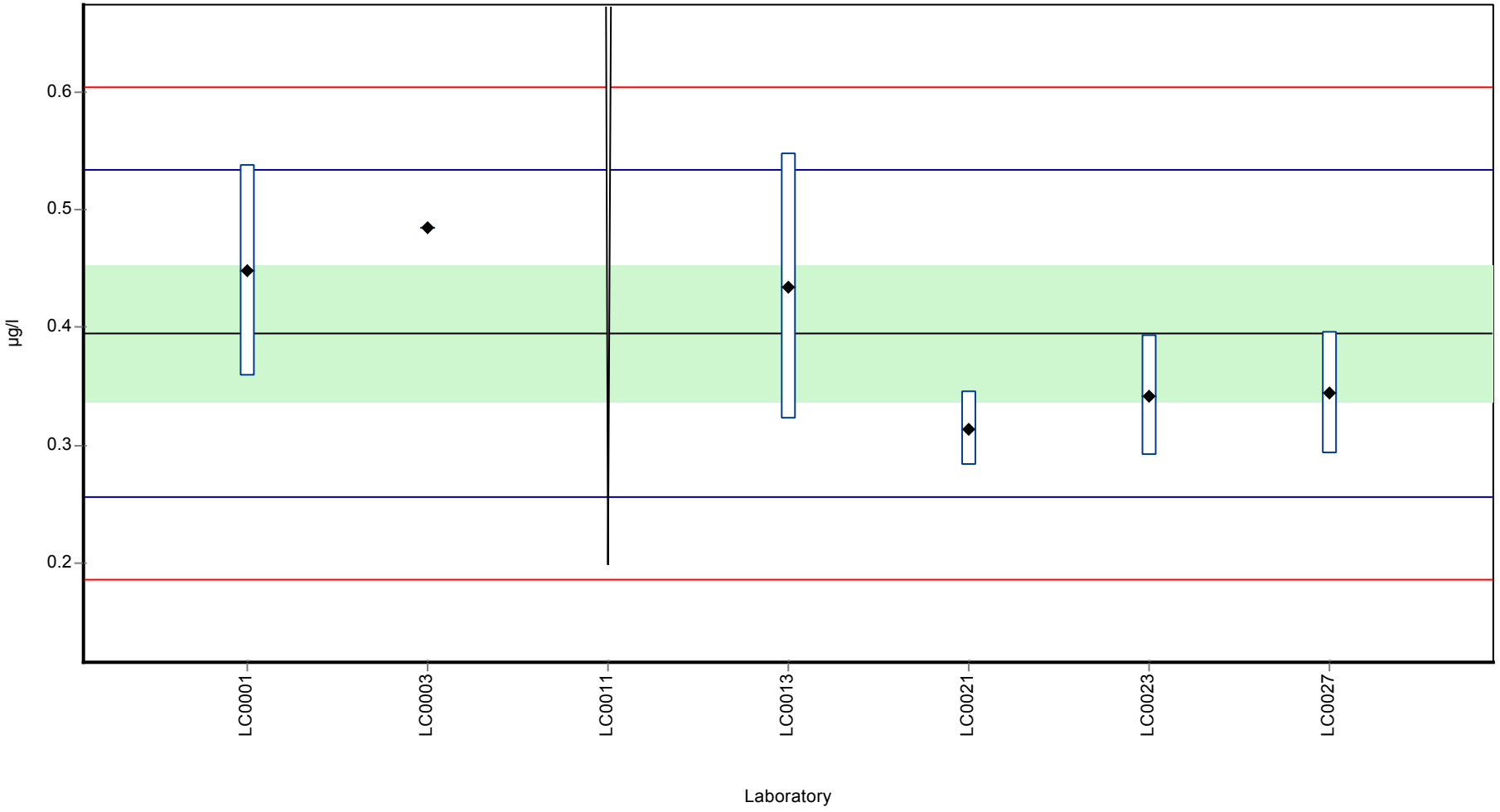
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.449	0.09	114	0.77	
LC0002	-	-	-	-	
LC0003	0.485	-	123	1.29	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.435	0.113	110	0.57	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.314	0.032	79.5	-1.16	
LC0022	-	-	-	-	
LC0023	0.342	0.051	86.6	-0.76	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.345	0.052	87.3	-0.71	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

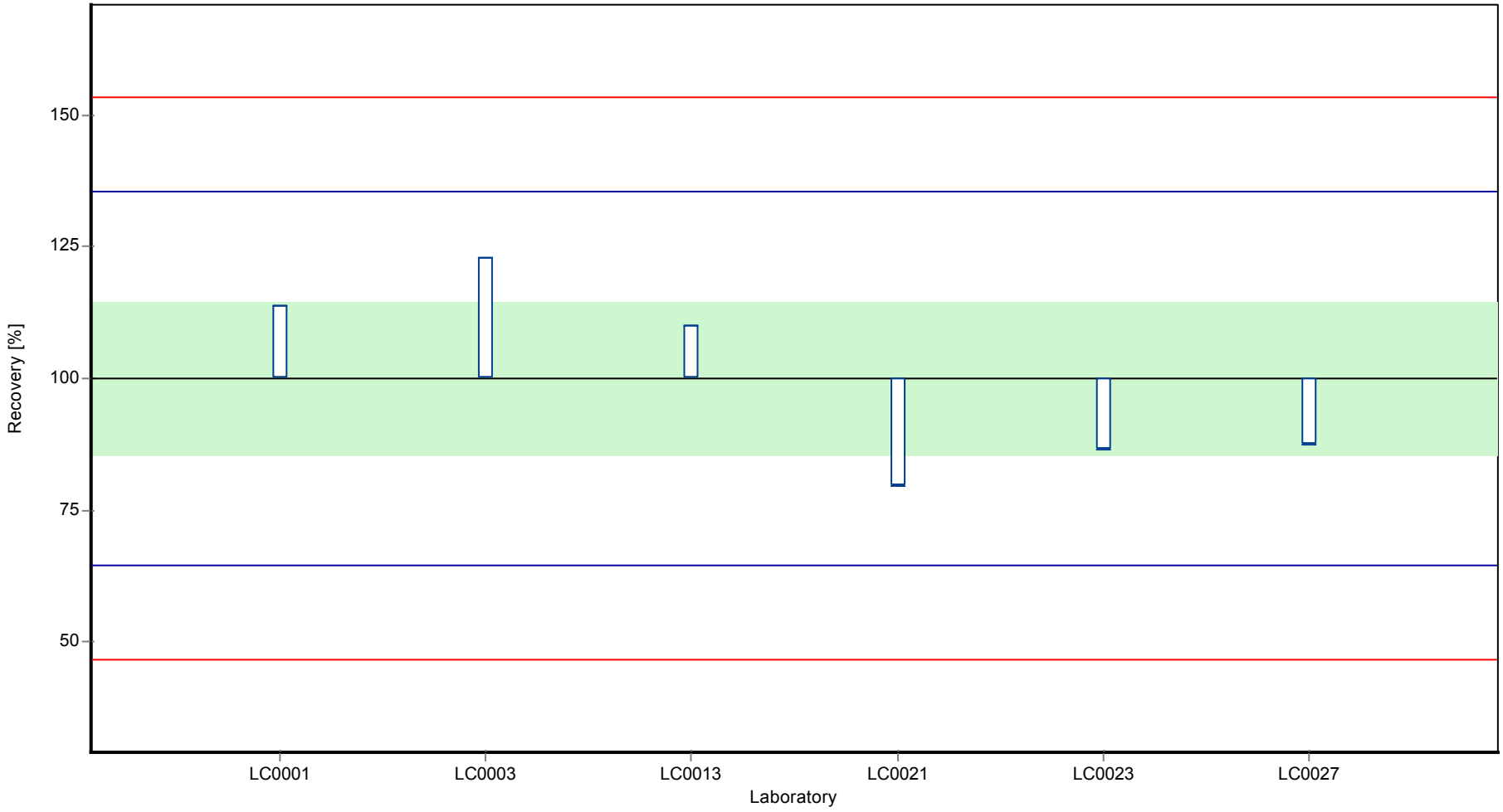
	all results	without outliers	Unit
Mean ± CI (99%)	0.395 ± 0.0857	0.395 ± 0.0857	µg/l
Minimum	0.314	0.314	µg/l
Maximum	0.485	0.485	µg/l
Standard deviation	0.07	0.07	µg/l
rel. Standard deviation	17.7	17.7	%
n	6	6	-

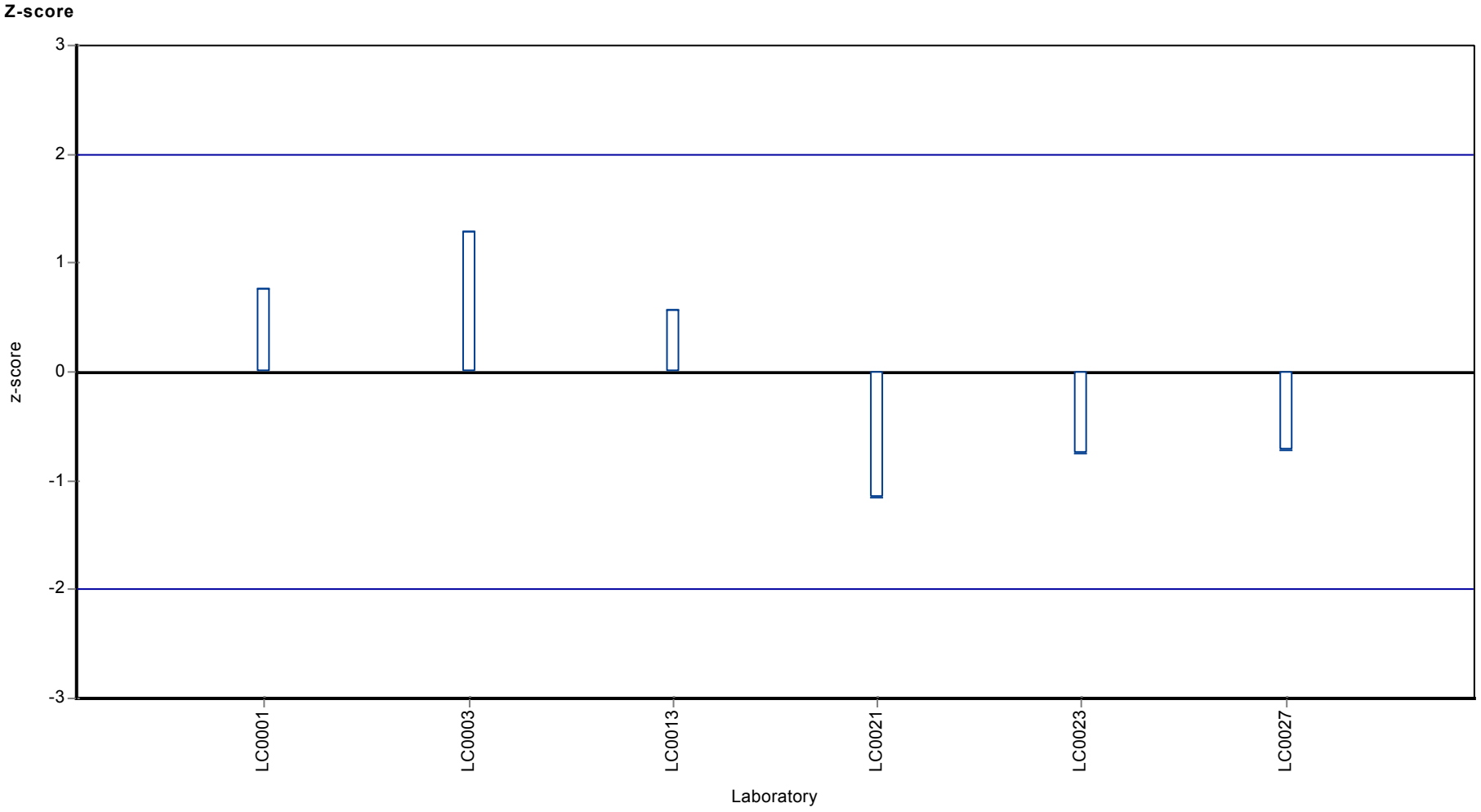
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0013
LC0021
LC0023
LC0027
Laboratory

Parameter oriented report

H94 A

Desphenylchloridazon

Unit	µg/l
Mean ± CI (99%)	0.303 ± 0.0487
Minimum - Maximum	0.239 - 0.369
Control test value ± U	0.256 ± 0.0179

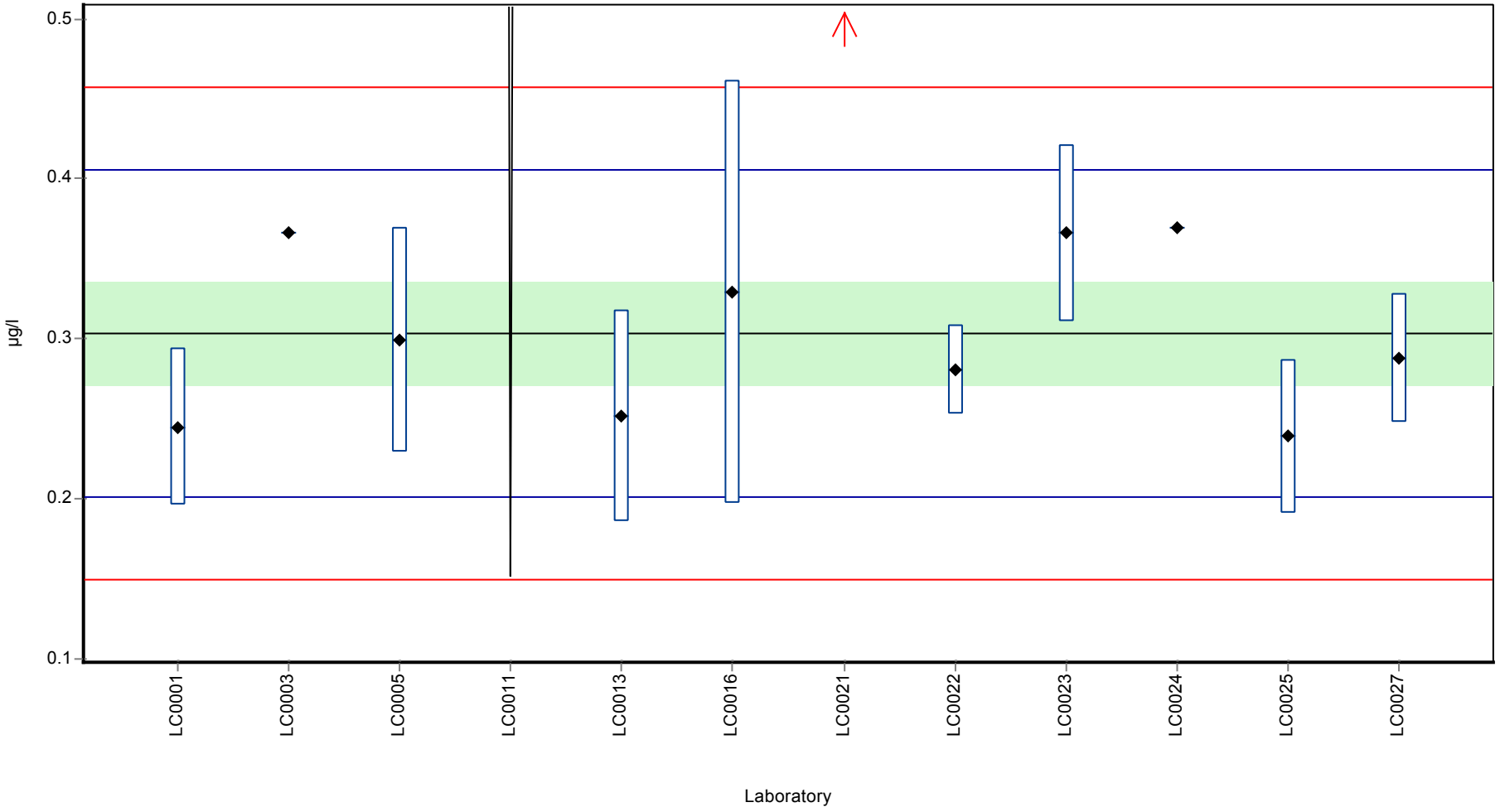
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.245	0.049	80.7	-1.14	
LC0002	-	-	-	-	
LC0003	0.366	-	121	1.22	
LC0004	-	-	-	-	
LC0005	0.2992	0.07	98.6	-0.08	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.252	0.066	83.1	-1	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.329	0.132	108	0.5	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.877	0.09	289	11.2	H
LC0022	0.281	0.028	92.6	-0.44	
LC0023	0.366	0.055	121	1.22	
LC0024	0.369	-	122	1.28	
LC0025	0.239	0.048	78.8	-1.25	
LC0026	-	-	-	-	
LC0027	0.288	0.04	94.9	-0.3	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

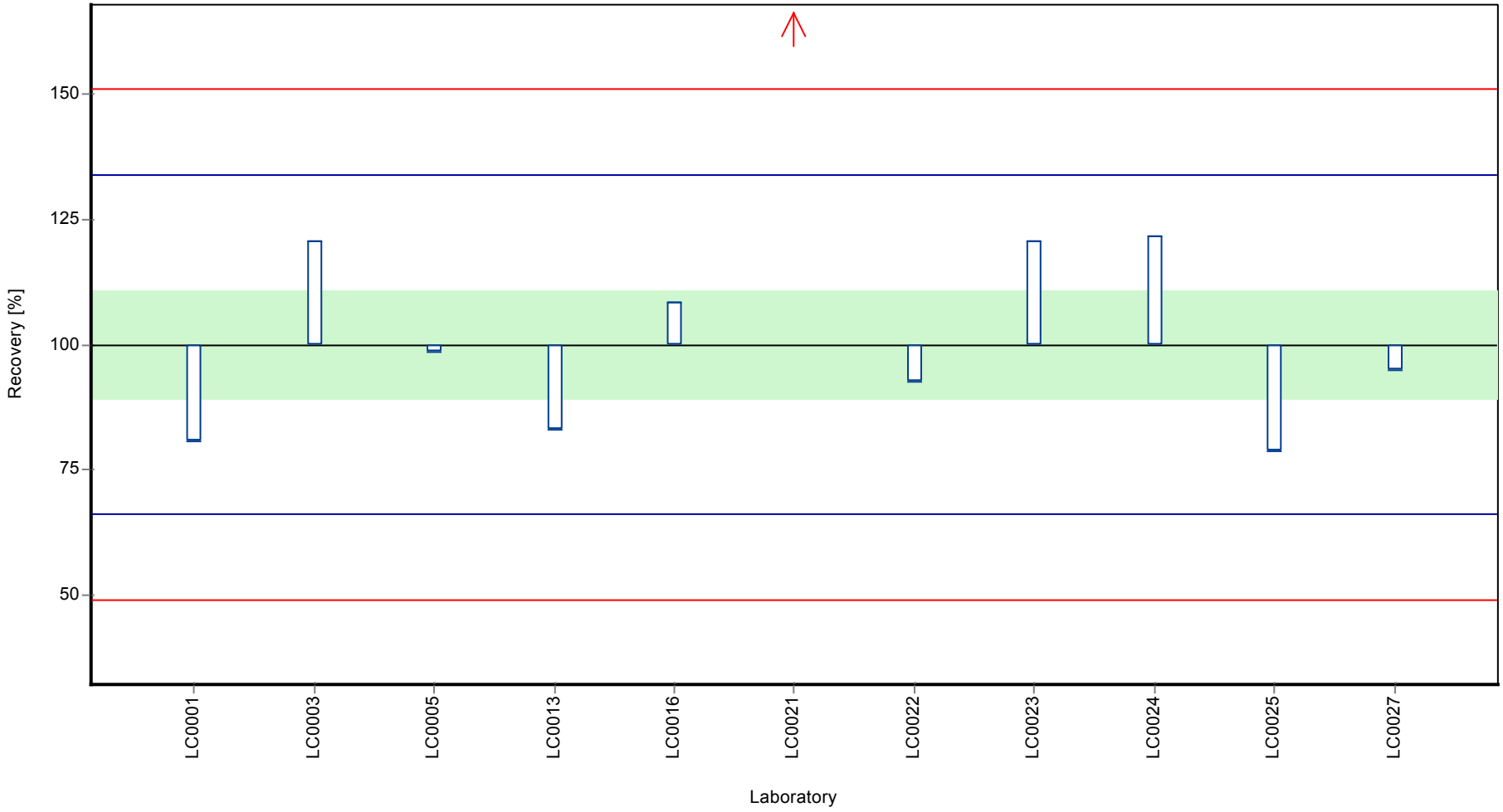
	all results	without outliers	Unit
Mean ± CI (99%)	0.356 ± 0.163	0.303 ± 0.0487	µg/l
Minimum	0.239	0.239	µg/l
Maximum	0.877	0.369	µg/l
Standard deviation	0.18	0.0514	µg/l
rel. Standard deviation	50.5	16.9	%
n	11	10	-

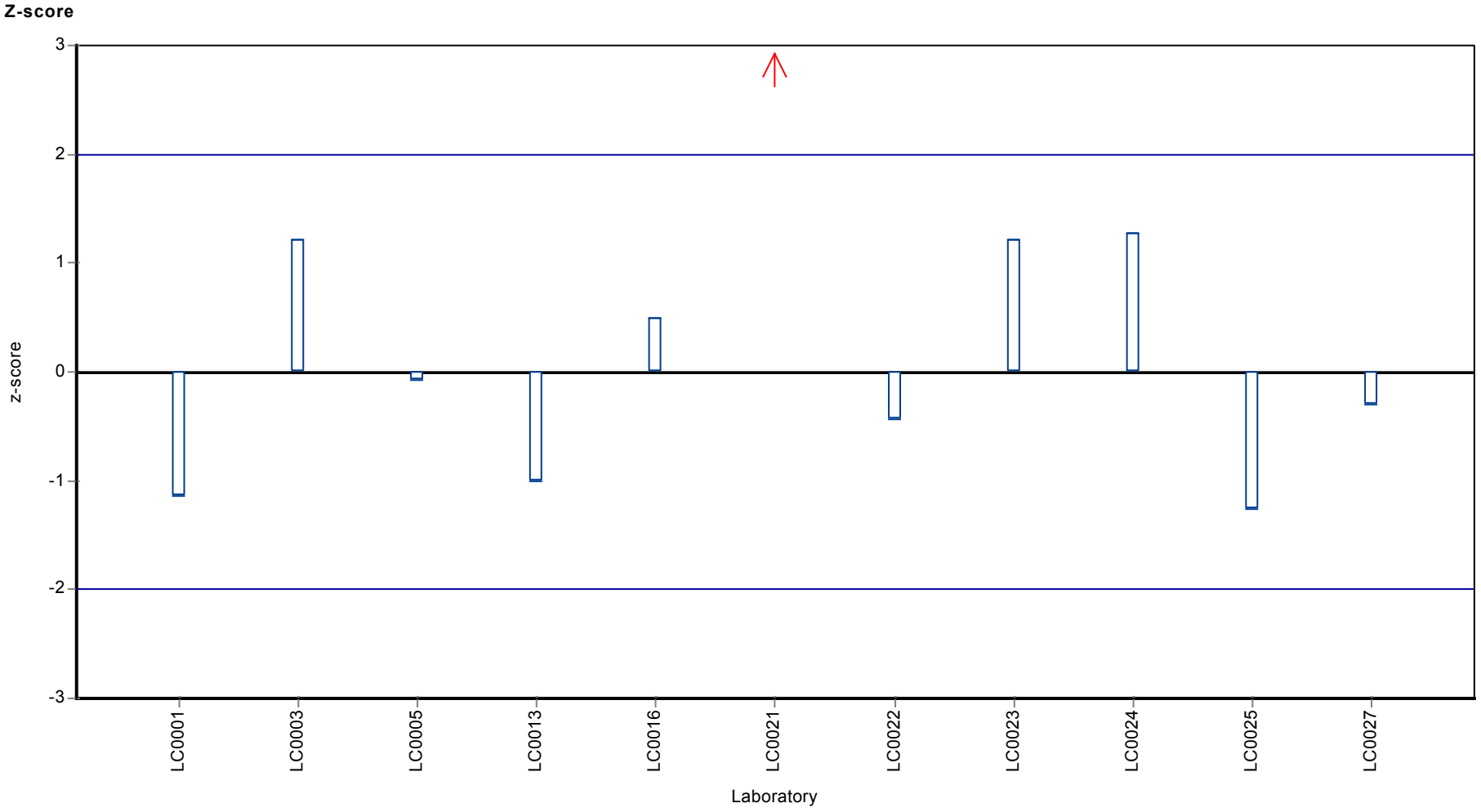
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0013
LC0016
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 B

Desphenylchloridazon

Unit	µg/l
Mean ± CI (99%)	0.286 ± 0.0392
Minimum - Maximum	0.237 - 0.355
Control test value ± U	0.265 ± 0.0147

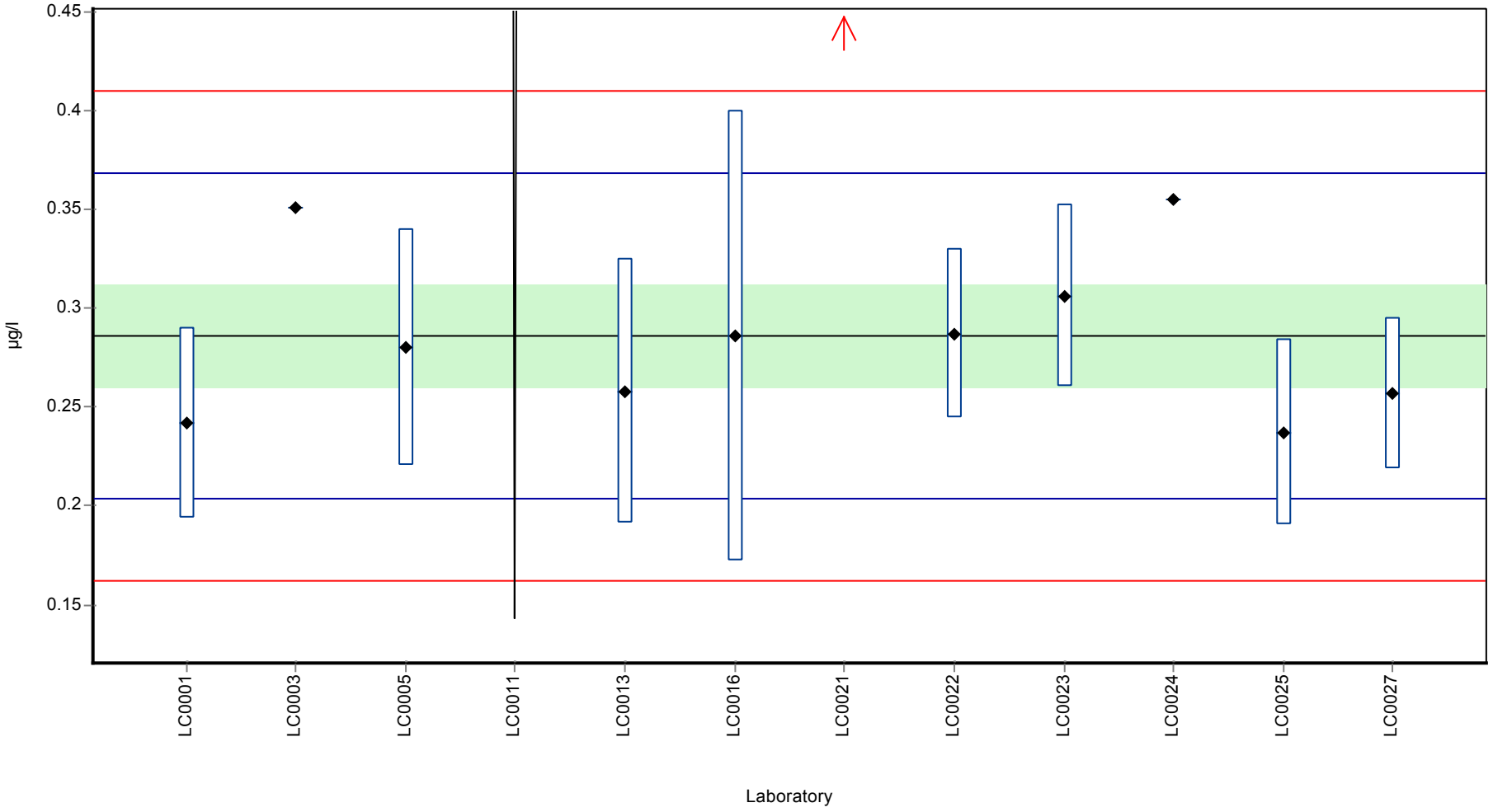
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.242	0.048	84.6	-1.06	
LC0002	-	-	-	-	
LC0003	0.351	-	123	1.57	
LC0004	-	-	-	-	
LC0005	0.2802	0.06	98	-0.14	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.258	0.067	90.2	-0.68	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.286	0.114	100	0.00	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.011	0.148	354	17.5	H
LC0022	0.287	0.043	100	0.03	
LC0023	0.306	0.046	107	0.49	
LC0024	0.355	-	124	1.67	
LC0025	0.237	0.047	82.9	-1.18	
LC0026	-	-	-	-	
LC0027	0.257	0.038	89.9	-0.7	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

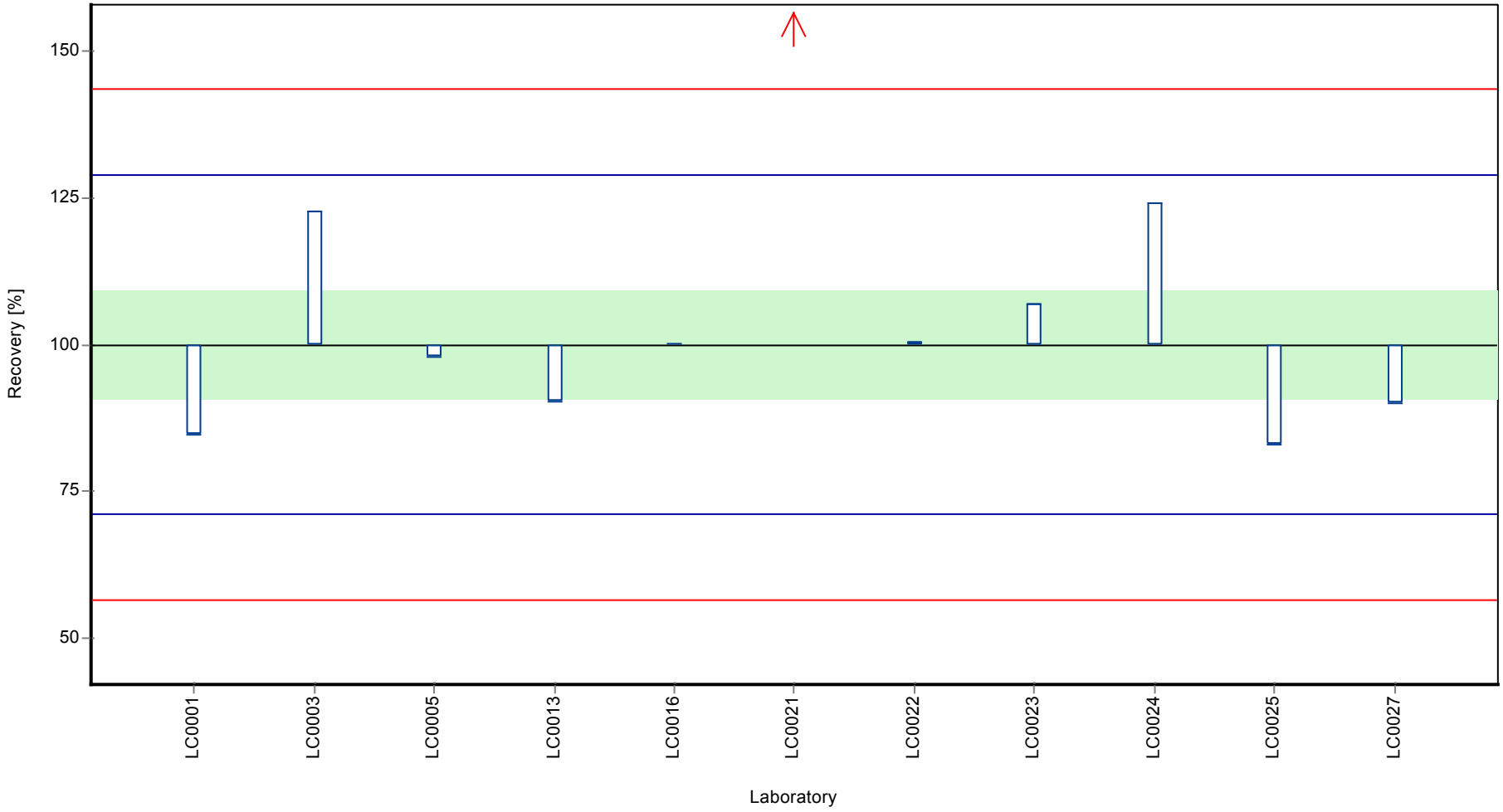
	all results	without outliers	Unit
Mean ± CI (99%)	0.352 ± 0.201	0.286 ± 0.0392	µg/l
Minimum	0.237	0.237	µg/l
Maximum	1.01	0.355	µg/l
Standard deviation	0.222	0.0413	µg/l
rel. Standard deviation	63.1	14.5	%
n	11	10	-

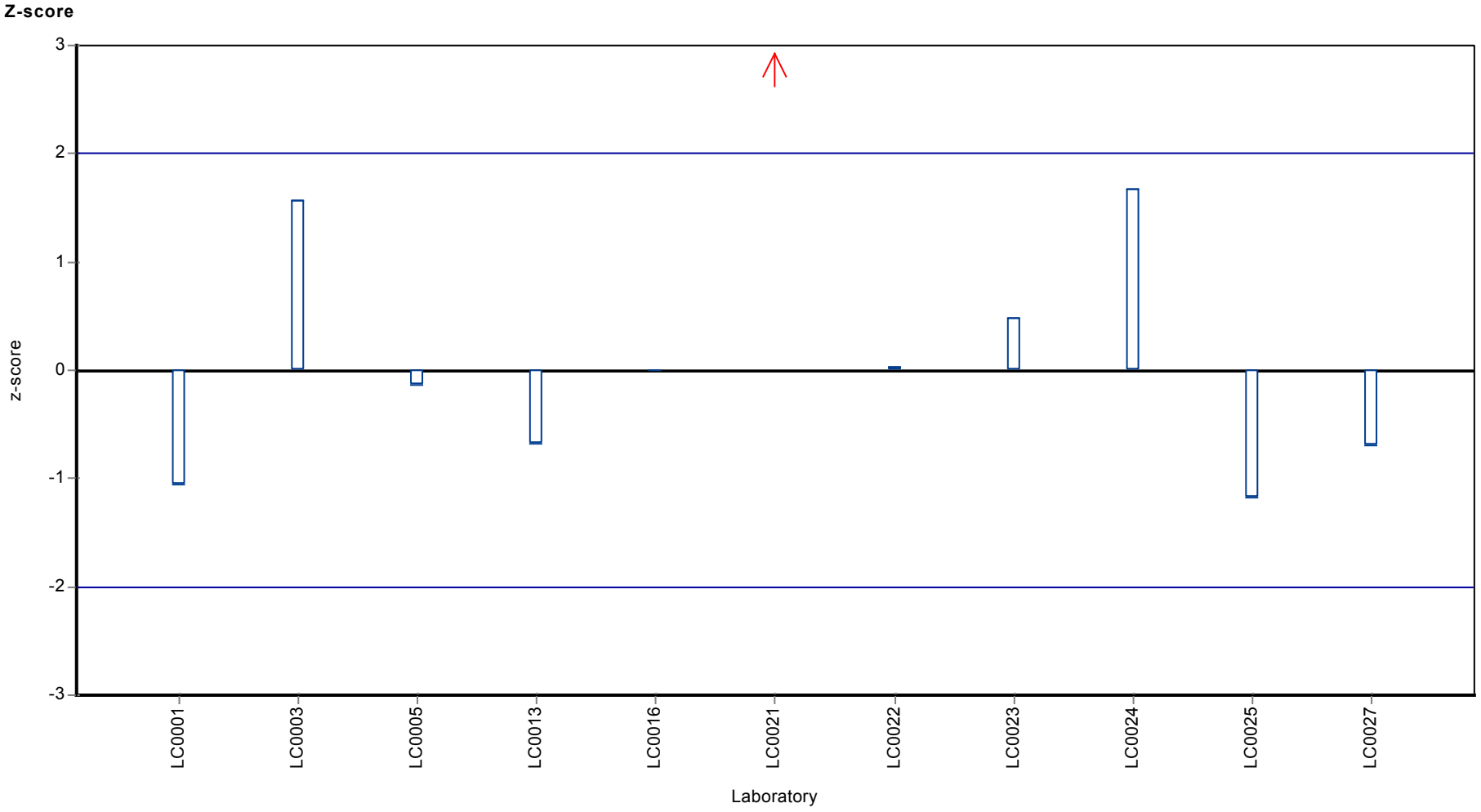
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0013
LC0016
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 A

Methyldesphenylchloridazon

Unit	µg/l
Mean ± CI (99%)	0.114 ± 0.012
Minimum - Maximum	0.092 - 0.131
Control test value ± U	0.115 ± 0.0095

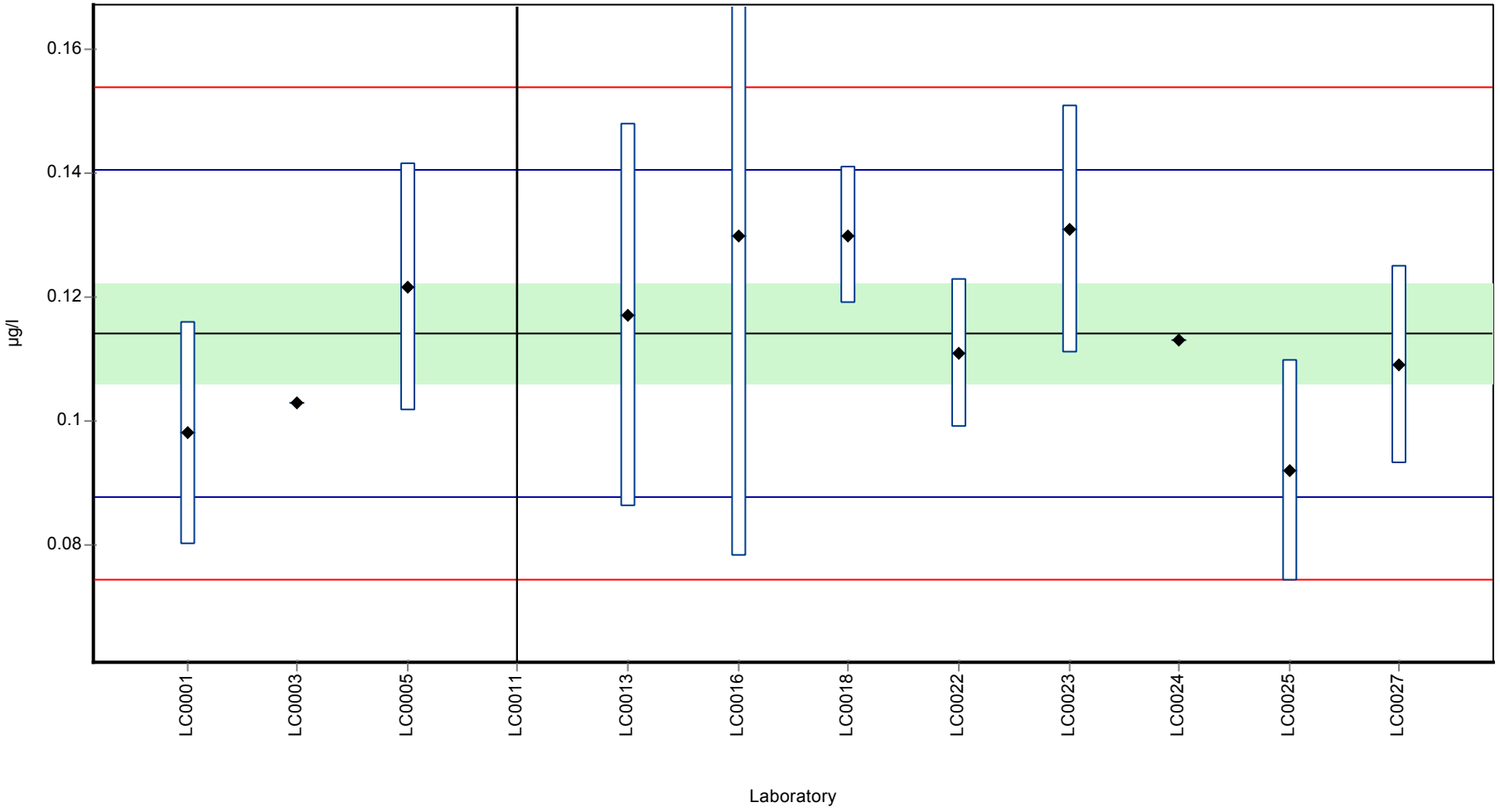
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.098	0.018	85.8	-1.22	
LC0002	-	-	-	-	
LC0003	0.103	-	90.2	-0.84	
LC0004	-	-	-	-	
LC0005	0.1217	0.02	107	0.57	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.117	0.031	102	0.21	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.13	0.052	114	1.19	
LC0017	-	-	-	-	
LC0018	0.13	0.011	114	1.19	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.111	0.012	97.2	-0.24	
LC0023	0.131	0.02	115	1.27	
LC0024	0.113	-	99	-0.09	
LC0025	0.092	0.018	80.6	-1.67	
LC0026	-	-	-	-	
LC0027	0.109	0.016	95.5	-0.39	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

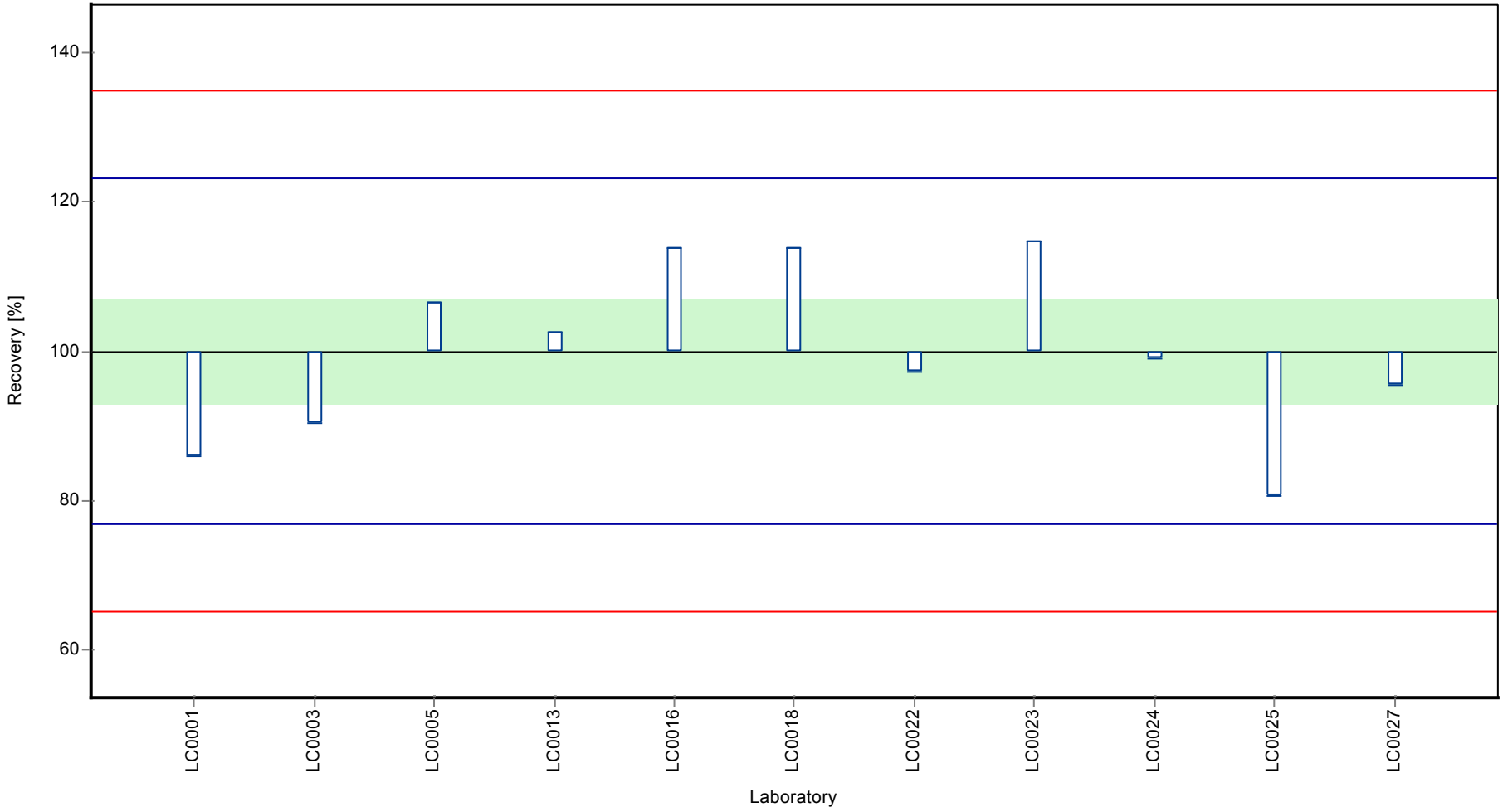
	all results	without outliers	Unit
Mean ± CI (99%)	0.114 ± 0.012	0.114 ± 0.012	µg/l
Minimum	0.092	0.092	µg/l
Maximum	0.131	0.131	µg/l
Standard deviation	0.0133	0.0133	µg/l
rel. Standard deviation	11.6	11.6	%
n	11	11	-

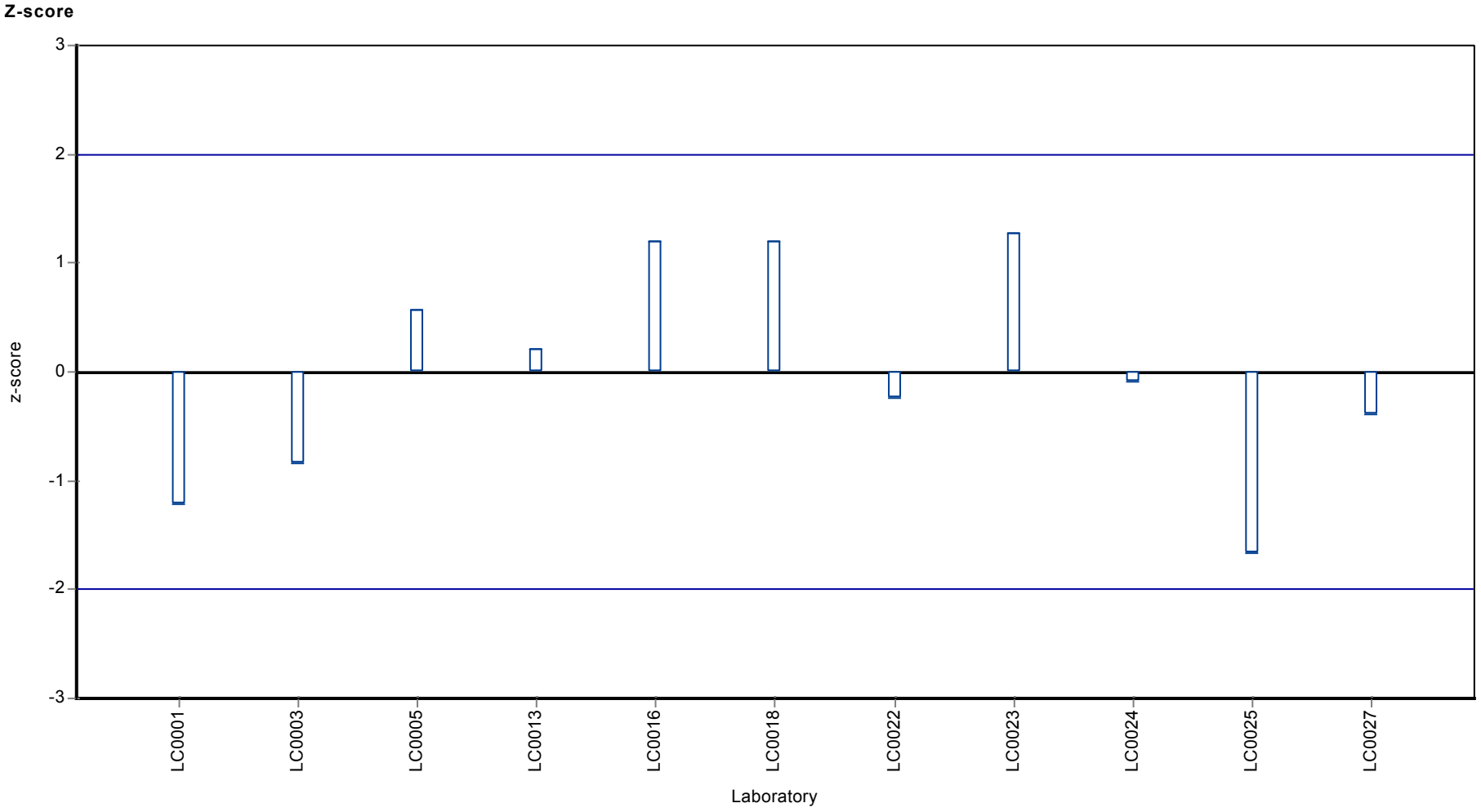
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0013
LC0016
LC0018
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

Parameter oriented report

H94 B

Methyldesphenylchloridazon

Unit	µg/l
Mean ± CI (99%)	0.0204 ± 0.00195
Minimum - Maximum	0.018 - 0.023
Control test value ± U	< 0.025 (LOD)

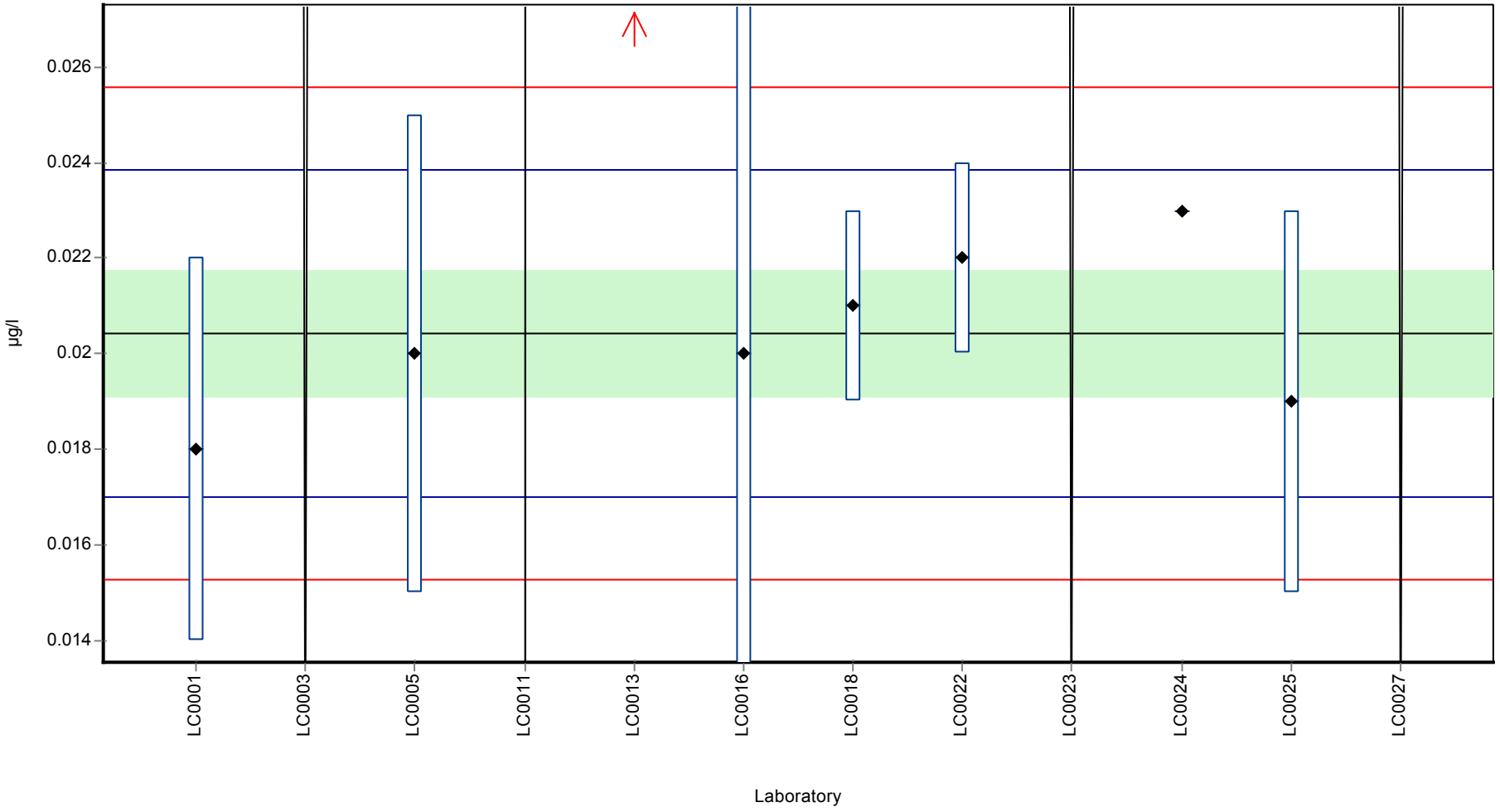
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.018	0.004	88.1	-1.41	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	0.02	0.005	97.9	-0.25	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.032	0.008	157	6.73	H
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.02	0.008	97.9	-0.25	
LC0017	-	-	-	-	
LC0018	0.021	0.002	103	0.33	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.022	0.002	108	0.92	
LC0023	< 0.05 (LOQ)	-	-	-	
LC0024	0.023	-	113	1.5	
LC0025	0.019	0.004	93	-0.83	
LC0026	-	-	-	-	
LC0027	< 0.05 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

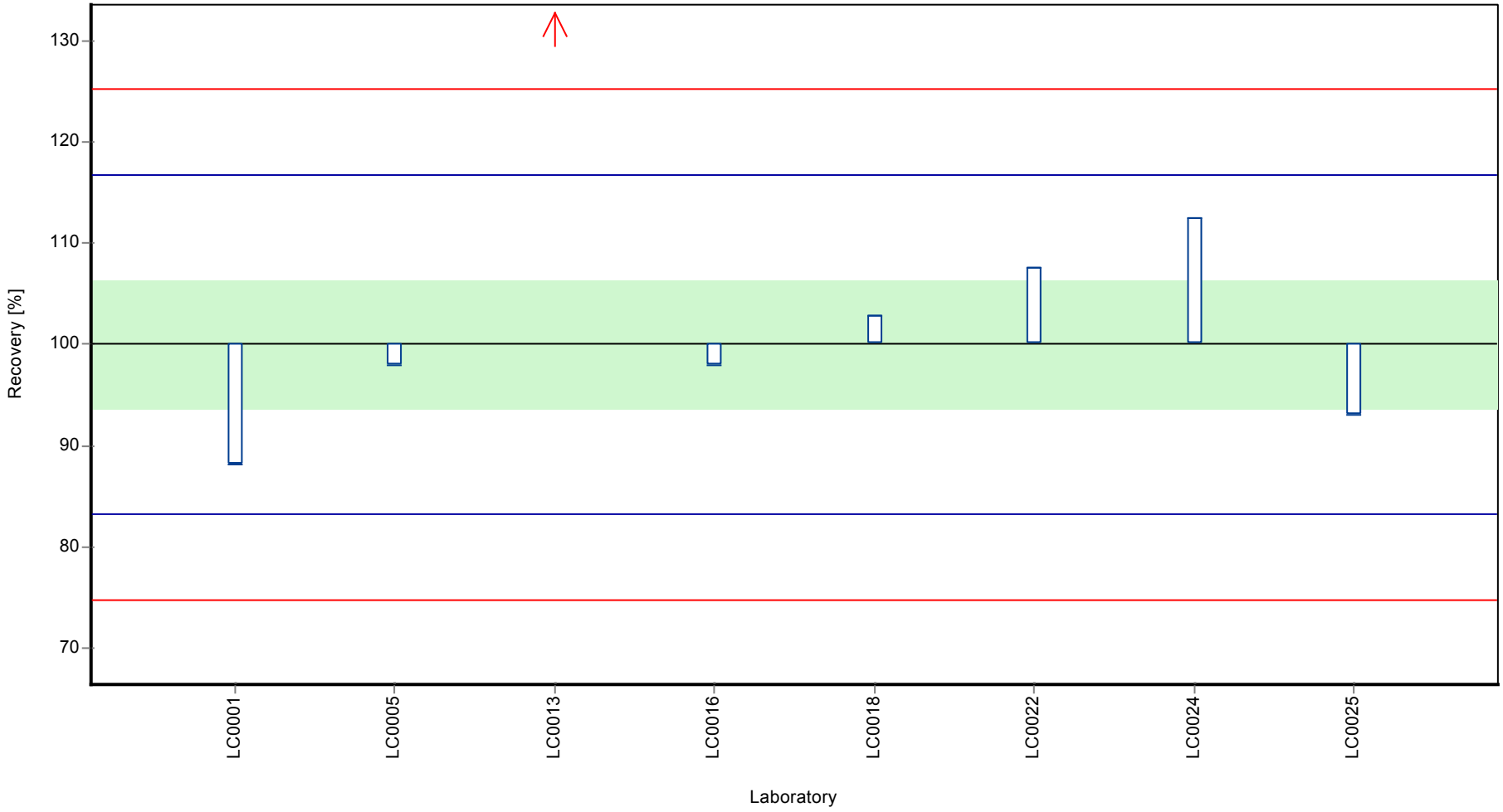
	all results	without outliers	Unit
Mean ± CI (99%)	0.0219 ± 0.00466	0.0204 ± 0.00195	µg/l
Minimum	0.018	0.018	µg/l
Maximum	0.032	0.023	µg/l
Standard deviation	0.00439	0.00172	µg/l
rel. Standard deviation	20.1	8.41	%
n	8	7	-

Graphical presentation of results

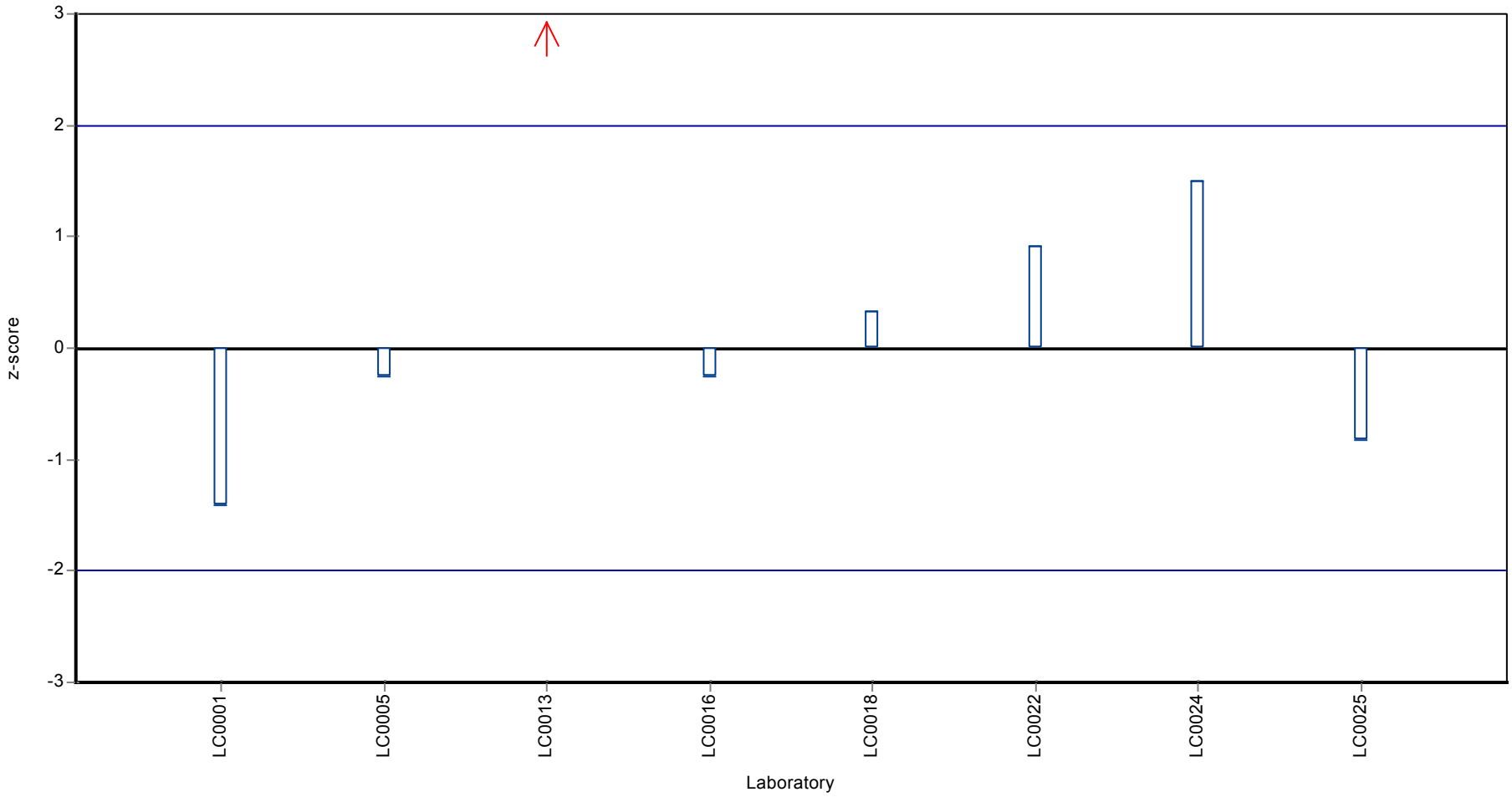
Results



Recovery rate



Z-score


3
2
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-1
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-3
z-score
LC0001
LC0005
LC0013
LC0016
LC0018
LC0022
LC0024
LC0025
Laboratory

Parameter oriented report

H94 A

Metolachlor

Unit	µg/l
Mean ± CI (99%)	0.0934 ± 0.00656
Minimum - Maximum	0.074 - 0.11
Control test value ± U	0.0922 ± 0.00526

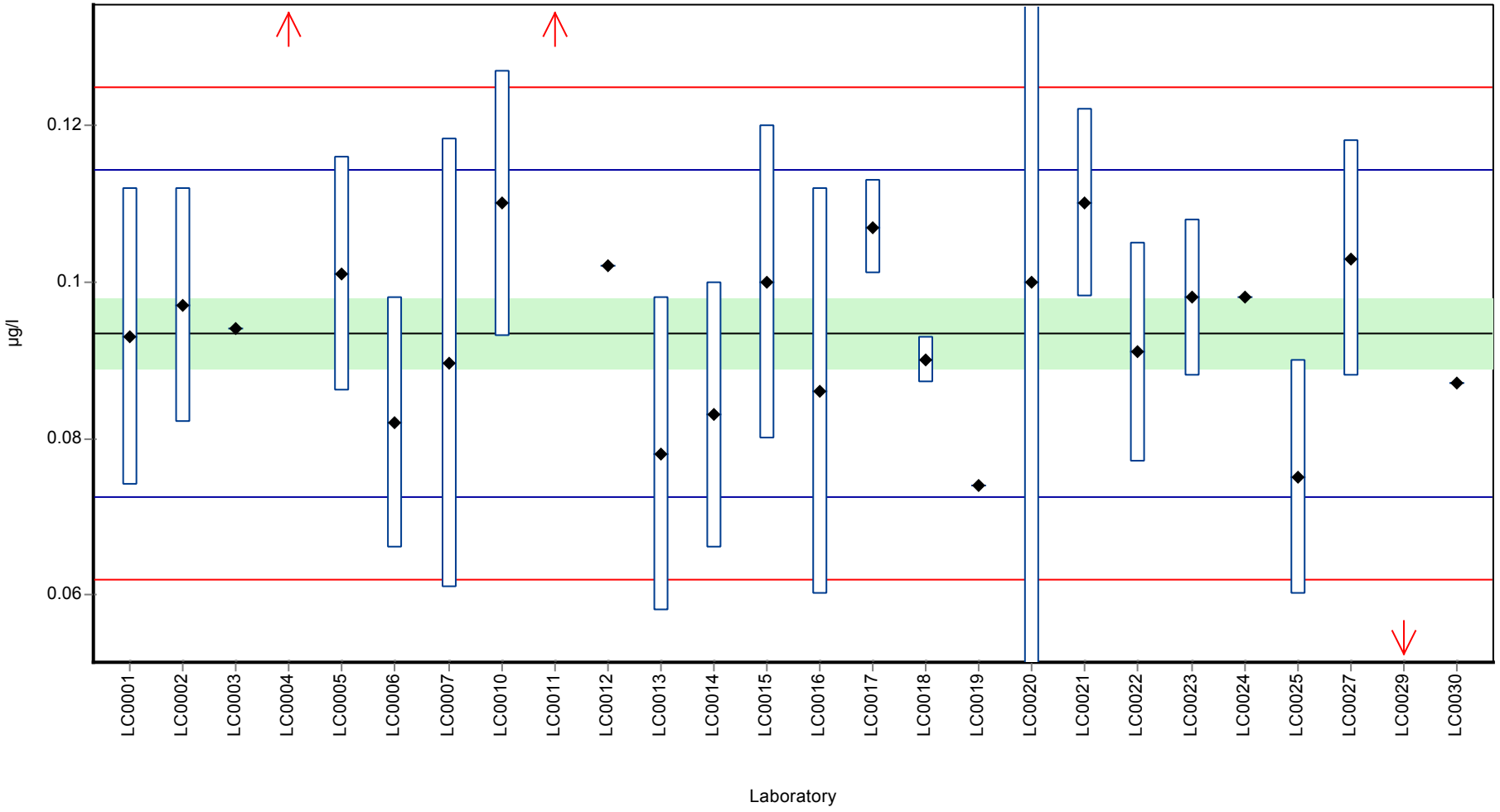
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.093	0.019	99.6	-0.04	
LC0002	0.097	0.015	104	0.34	
LC0003	0.094	-	101	0.06	
LC0004	0.138	0.041	148	4.25	H
LC0005	0.101	0.015	108	0.72	
LC0006	0.082	0.016	87.8	-1.09	
LC0007	0.08955	0.0287	95.9	-0.37	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.11	0.017	118	1.58	
LC0011	0.44	0.07	471	33	H
LC0012	0.102	-	109	0.82	
LC0013	0.078	0.02	83.5	-1.47	
LC0014	0.083	0.017	88.9	-0.99	
LC0015	0.1	0.02	107	0.63	
LC0016	0.086	0.026	92.1	-0.71	
LC0017	0.107	0.006	115	1.3	
LC0018	0.09	0.003	96.3	-0.33	
LC0019	0.074	-	79.2	-1.85	
LC0020	0.1	0.15	107	0.63	
LC0021	0.11	0.012	118	1.58	
LC0022	0.091	0.014	97.4	-0.23	
LC0023	0.098	0.01	105	0.44	
LC0024	0.098	-	105	0.44	
LC0025	0.075	0.015	80.3	-1.76	
LC0026	-	-	-	-	
LC0027	0.103	0.015	110	0.91	
LC0028	-	-	-	-	
LC0029	0.05	0.005	53.5	-4.14	H
LC0030	0.087	-	93.1	-0.61	

Characteristics of parameter

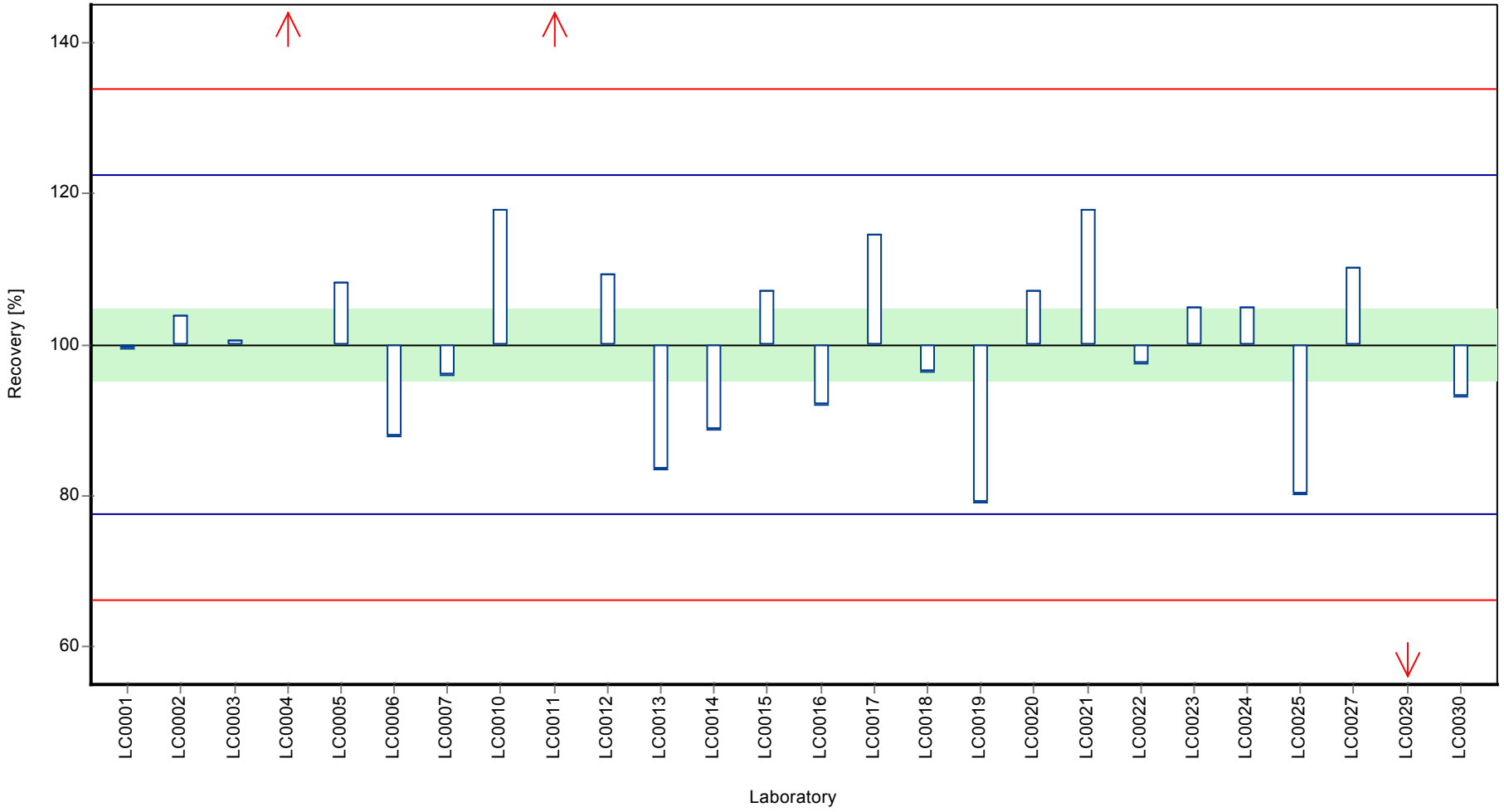
	all results	without outliers	Unit
Mean ± CI (99%)	0.107 ± 0.0411	0.0934 ± 0.00656	µg/l
Minimum	0.05	0.074	µg/l
Maximum	0.44	0.11	µg/l
Standard deviation	0.0698	0.0105	µg/l
rel. Standard deviation	65.4	11.2	%
n	26	23	-

Graphical presentation of results

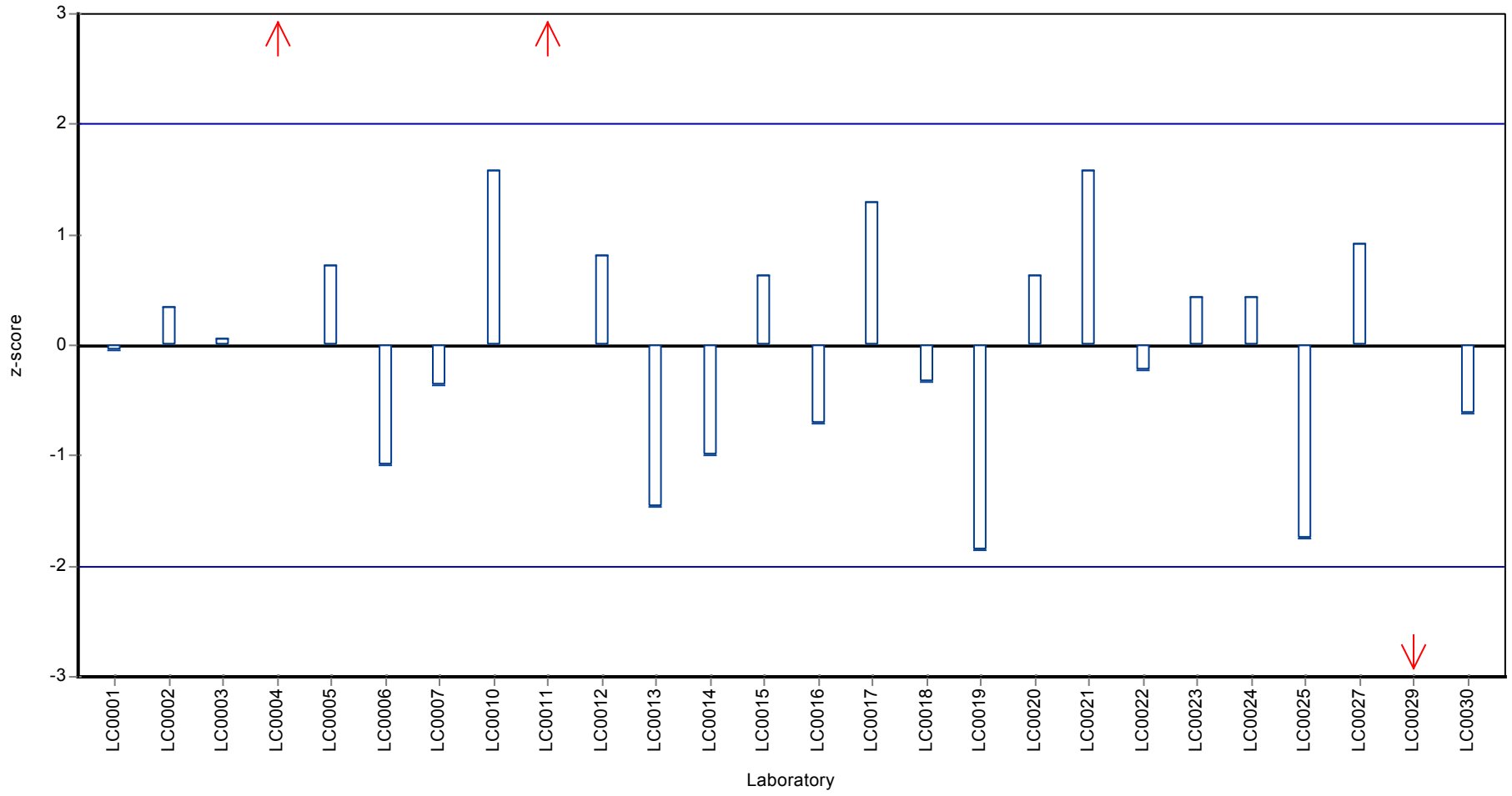
Results



Recovery rate



Z-score


3
2
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-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0010
LC0011
LC0012
LC0013
LC0014
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0029
LC0030
Laboratory

Parameter oriented report

H94 B

Metolachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.005 - 0.55
Control test value ± U	< 0.025 (LOD)

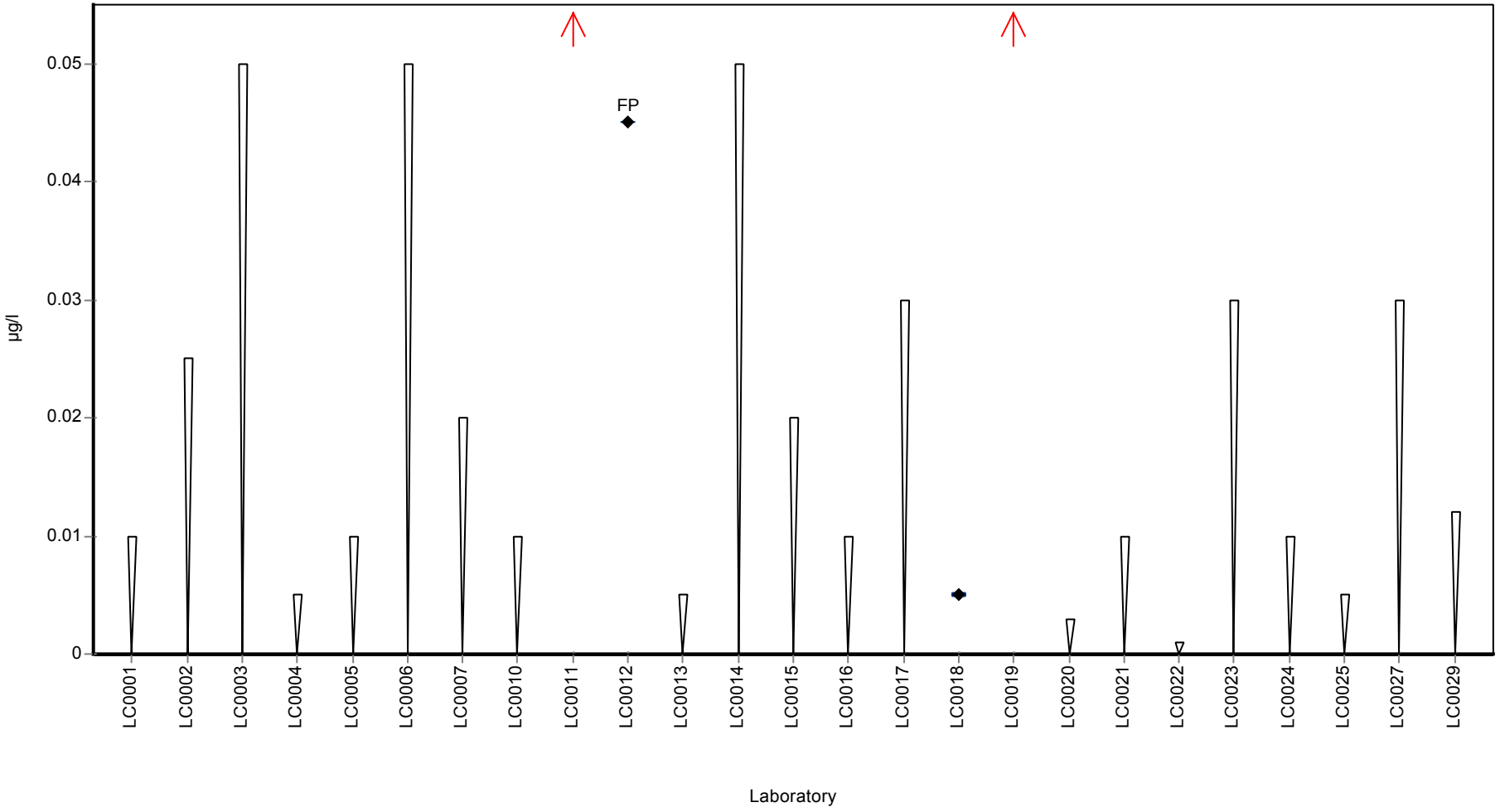
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.005 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	0.55	0.08	-	-	FP
LC0012	0.045	-	-	-	FP
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.05 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	0.005	0.0002	-	-	
LC0019	0.324	-	-	-	FP
LC0020	< 0.003 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	<0.001 (LOD)	-	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	<0.005 (LOD)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	<0.012 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.231 ± 0.383	-	µg/l
Minimum	0.005	0.005	µg/l
Maximum	0.55	0.55	µg/l
Standard deviation	0.256	-	µg/l
rel. Standard deviation	111	-	%
n	4	4	-

Graphical presentation of results

Results



Parameter oriented report

H94 A

Nicosulfurone

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.009 - 0.157
Control test value ± U	0.137 ± 0.0367

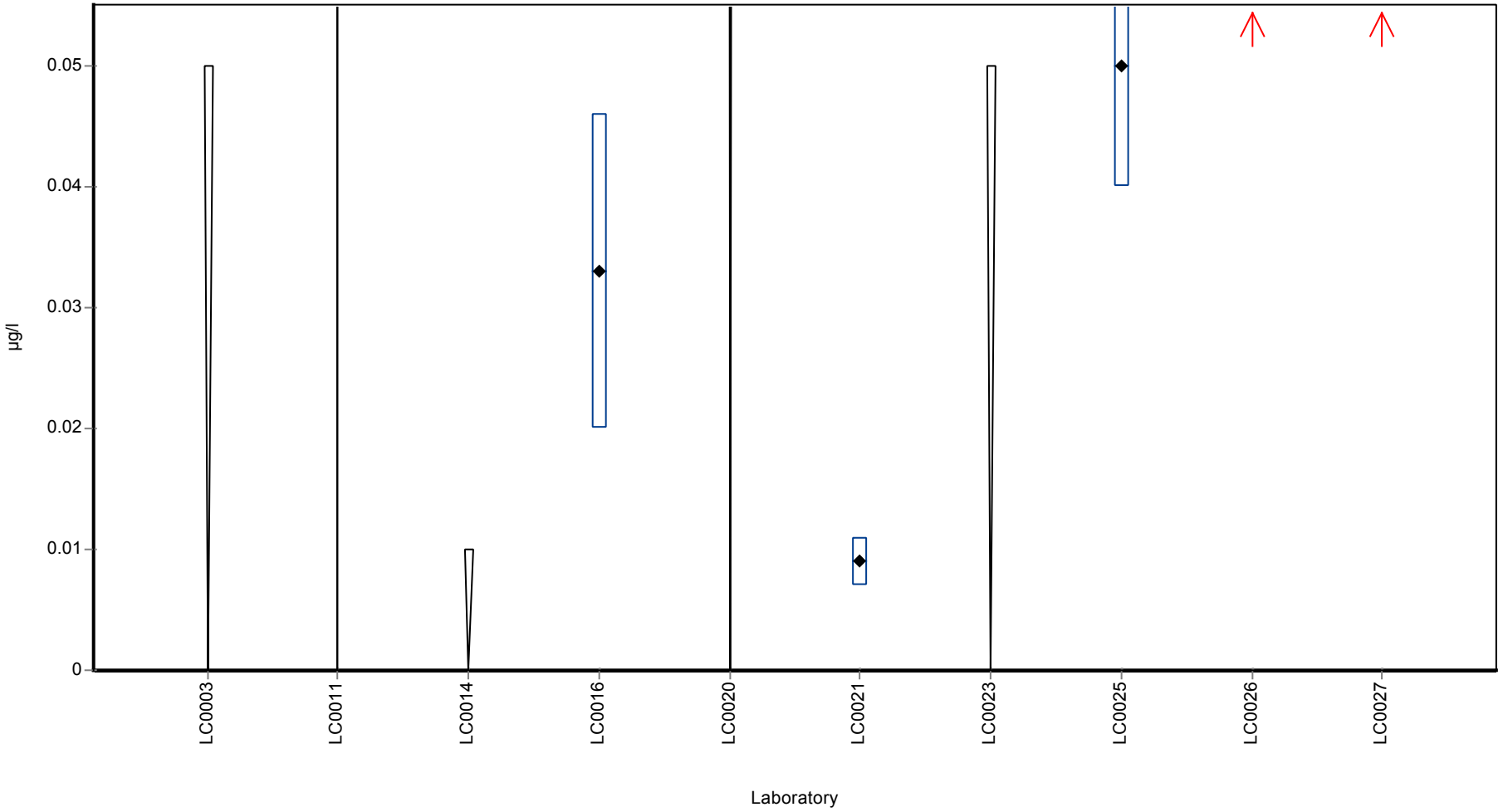
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	0.033	0.013	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.3 (LOQ)	-	-	-	
LC0021	0.009	0.002	-	-	
LC0022	-	-	-	-	
LC0023	< 0.05 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	0.05	0.01	-	-	
LC0026	0.122	0.052	-	-	
LC0027	0.157	0.024	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0742 ± 0.084	-	µg/l
Minimum	0.009	0.009	µg/l
Maximum	0.157	0.157	µg/l
Standard deviation	0.0626	-	µg/l
rel. Standard deviation	84.4	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Nicosulfurone

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.02 - 0.106
Control test value ± U	0.261 ± 0.0319

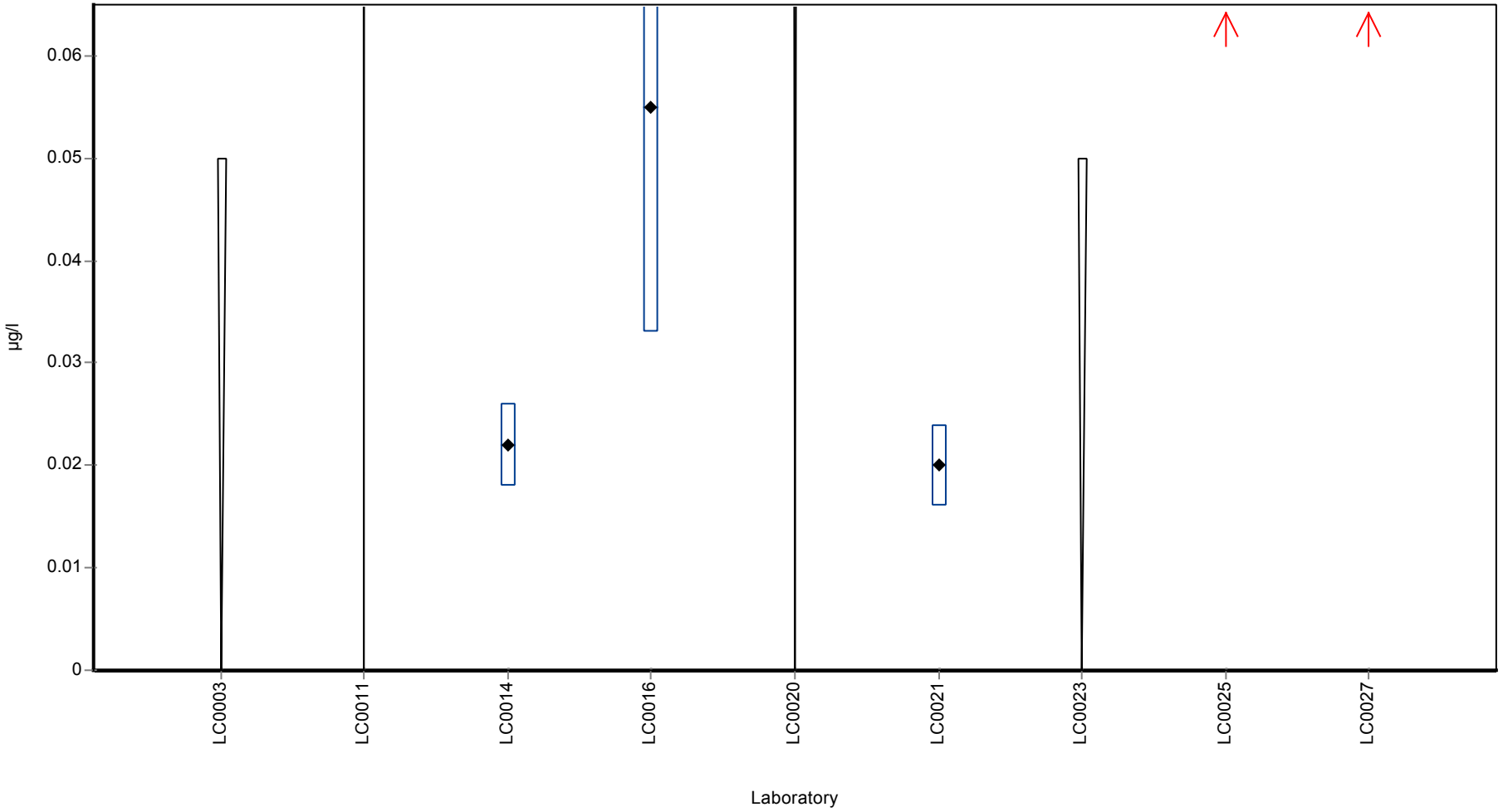
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.022	0.004	-	-	
LC0015	-	-	-	-	
LC0016	0.055	0.022	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.3 (LOQ)	-	-	-	
LC0021	0.02	0.004	-	-	
LC0022	-	-	-	-	
LC0023	< 0.05 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	0.106	0.021	-	-	
LC0026	-	-	-	-	
LC0027	0.298	0.045	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.1 ± 0.156	-	µg/l
Minimum	0.02	0.02	µg/l
Maximum	0.298	0.106	µg/l
Standard deviation	0.116	-	µg/l
rel. Standard deviation	116	-	%
n	5	4	-

Graphical presentation of results

Results



Parameter oriented report

H94 A

Prometryn

Unit	µg/l
Mean ± CI (99%)	0.375 ± 0.0292
Minimum - Maximum	0.305 - 0.454
Control test value ± U	0.398 ± 0.0137

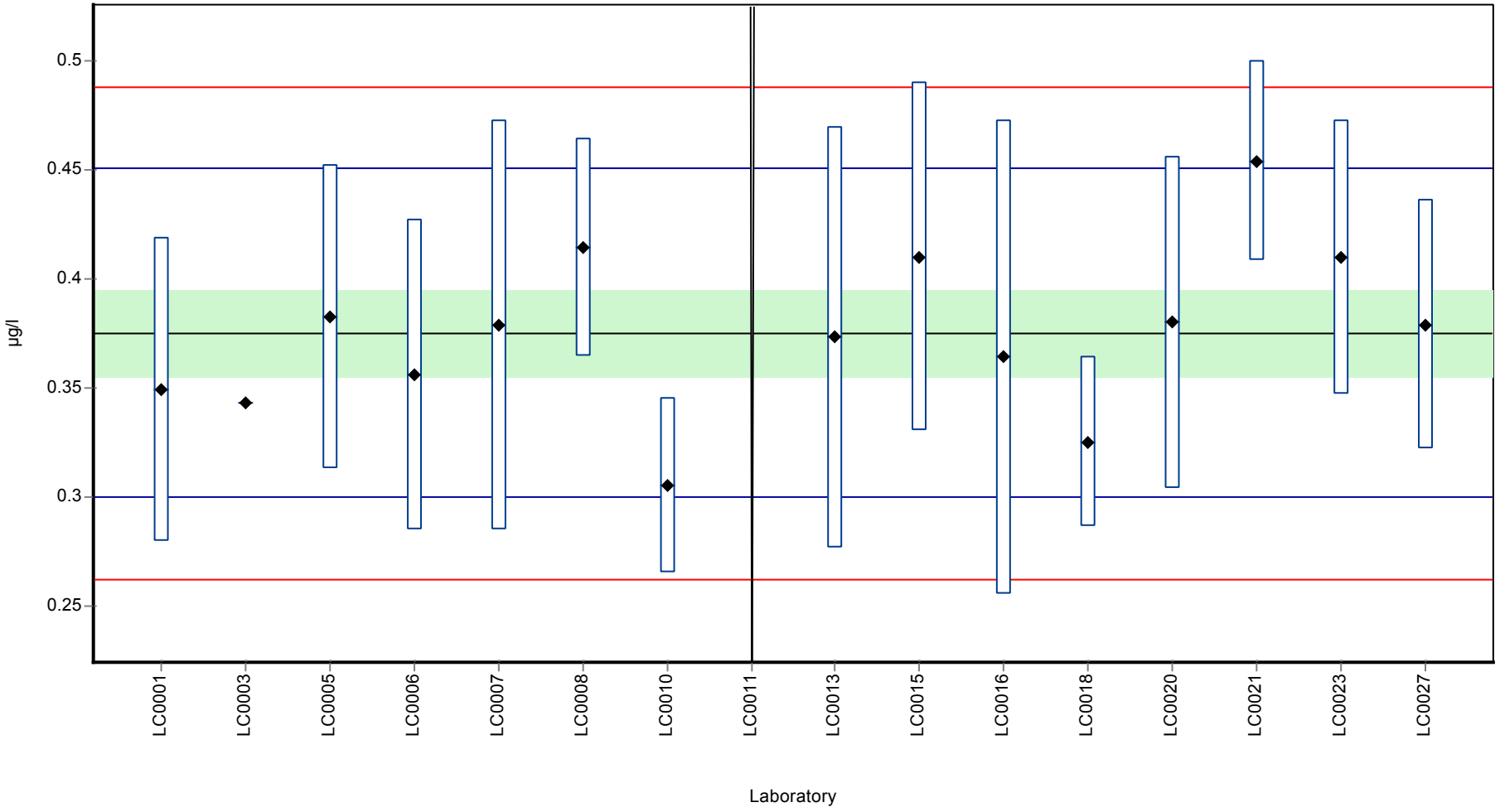
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.349	0.07	93.1	-0.69	
LC0002	-	-	-	-	
LC0003	0.343	-	91.5	-0.84	
LC0004	-	-	-	-	
LC0005	0.3825	0.07	102	0.2	
LC0006	0.356	0.071	95	-0.5	
LC0007	0.3787	0.0937	101	0.1	
LC0008	0.414	0.05	110	1.04	
LC0009	-	-	-	-	
LC0010	0.305	0.04	81.4	-1.85	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.373	0.097	99.5	-0.05	
LC0014	-	-	-	-	
LC0015	0.41	0.08	109	0.93	
LC0016	0.364	0.109	97.1	-0.29	
LC0017	-	-	-	-	
LC0018	0.325	0.039	86.7	-1.32	
LC0019	-	-	-	-	
LC0020	0.38	0.076	101	0.14	
LC0021	0.454	0.046	121	2.1	
LC0022	-	-	-	-	
LC0023	0.41	0.063	109	0.93	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.379	0.057	101	0.11	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

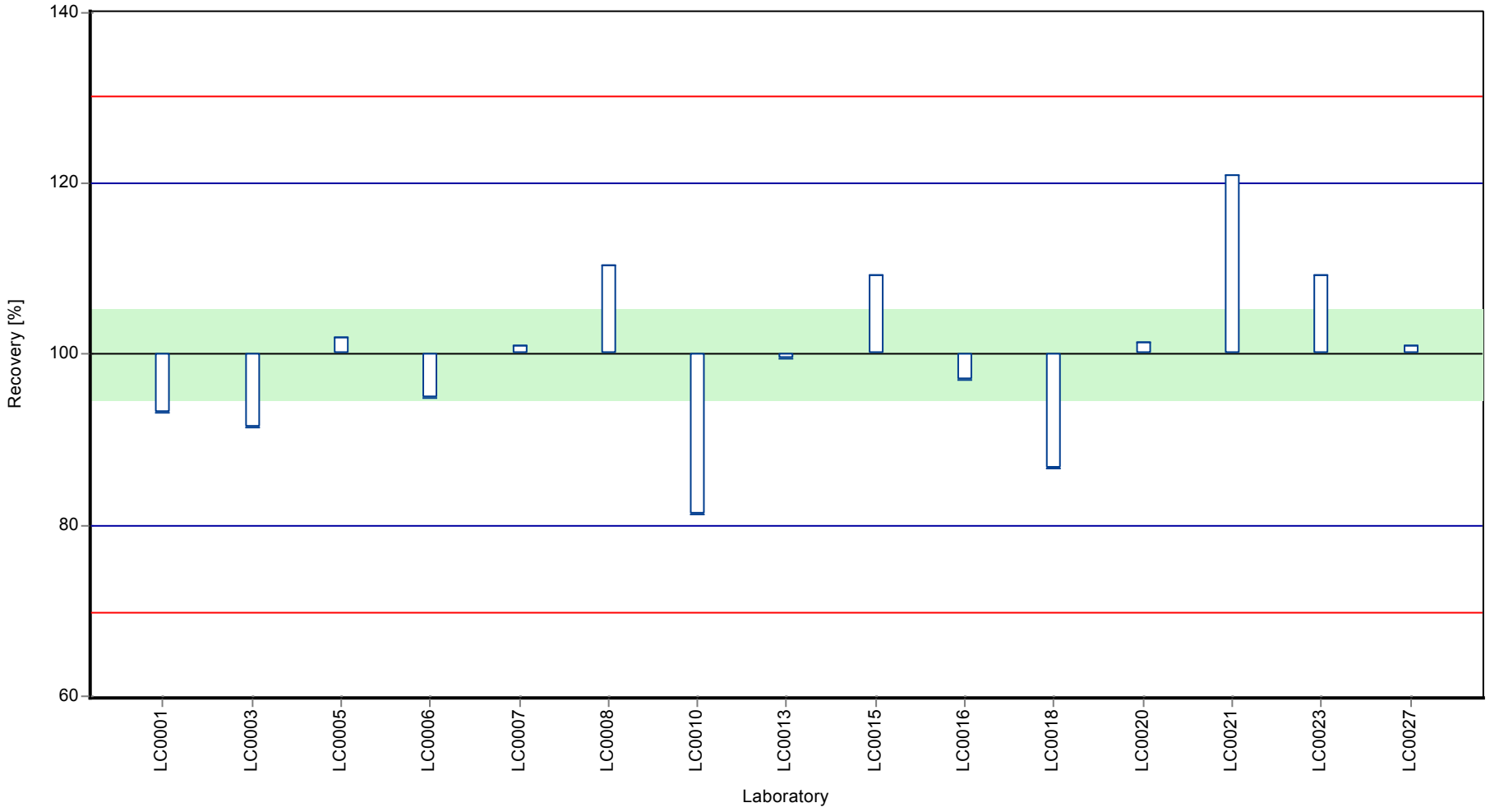
	all results	without outliers	Unit
Mean ± CI (99%)	0.375 ± 0.0292	0.375 ± 0.0292	µg/l
Minimum	0.305	0.305	µg/l
Maximum	0.454	0.454	µg/l
Standard deviation	0.0377	0.0377	µg/l
rel. Standard deviation	10.1	10.1	%
n	15	15	-

Graphical presentation of results

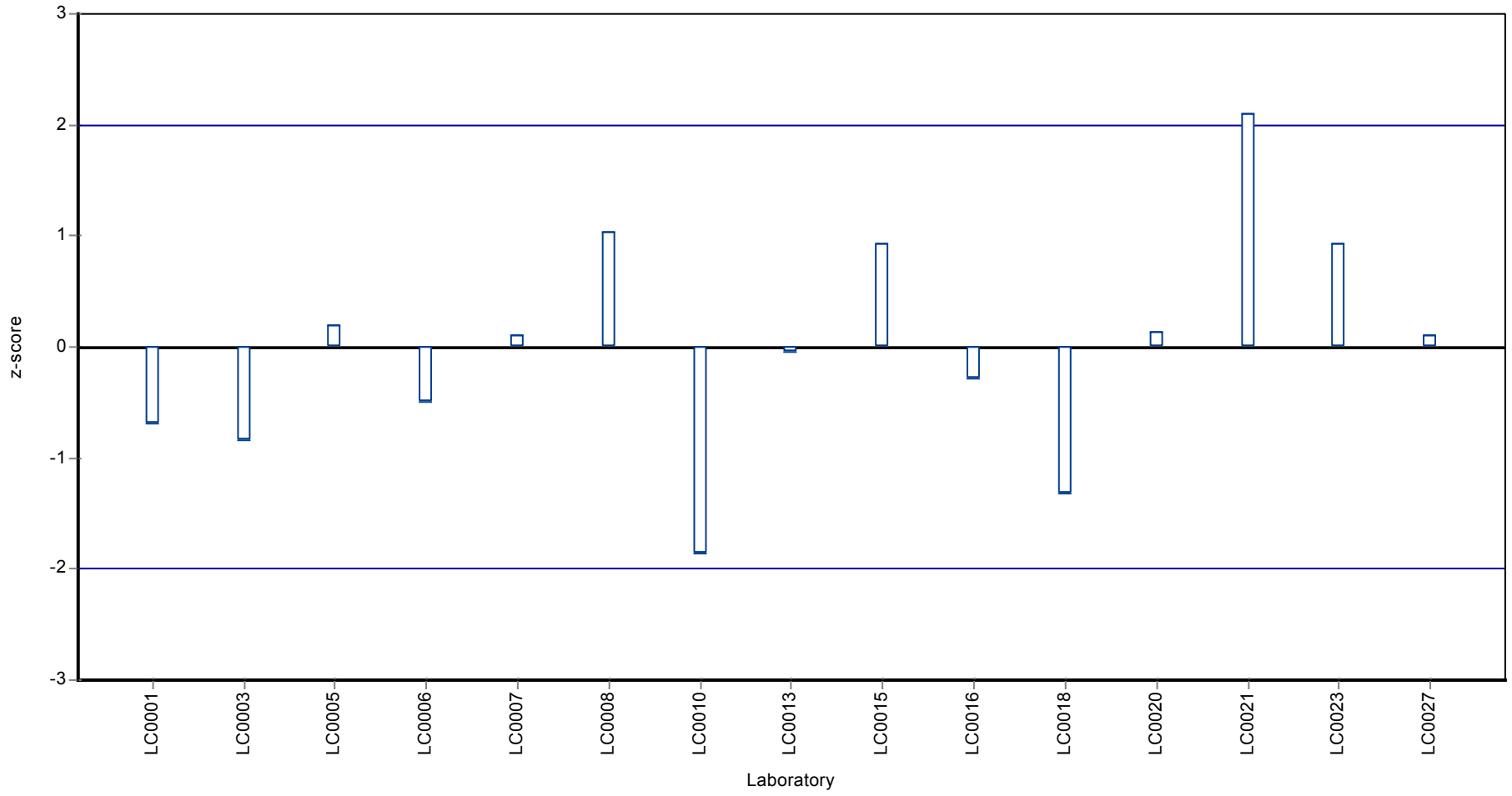
Results



Recovery rate



Z-score


3
2
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-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0008
LC0010
LC0013
LC0015
LC0016
LC0018
LC0020
LC0021
LC0023
LC0027
Laboratory

Parameter oriented report

H94 B

Prometryn

Unit	µg/l
Mean ± CI (99%)	0.718 ± 0.0375
Minimum - Maximum	0.653 - 0.84
Control test value ± U	0.729 ± 0.0257

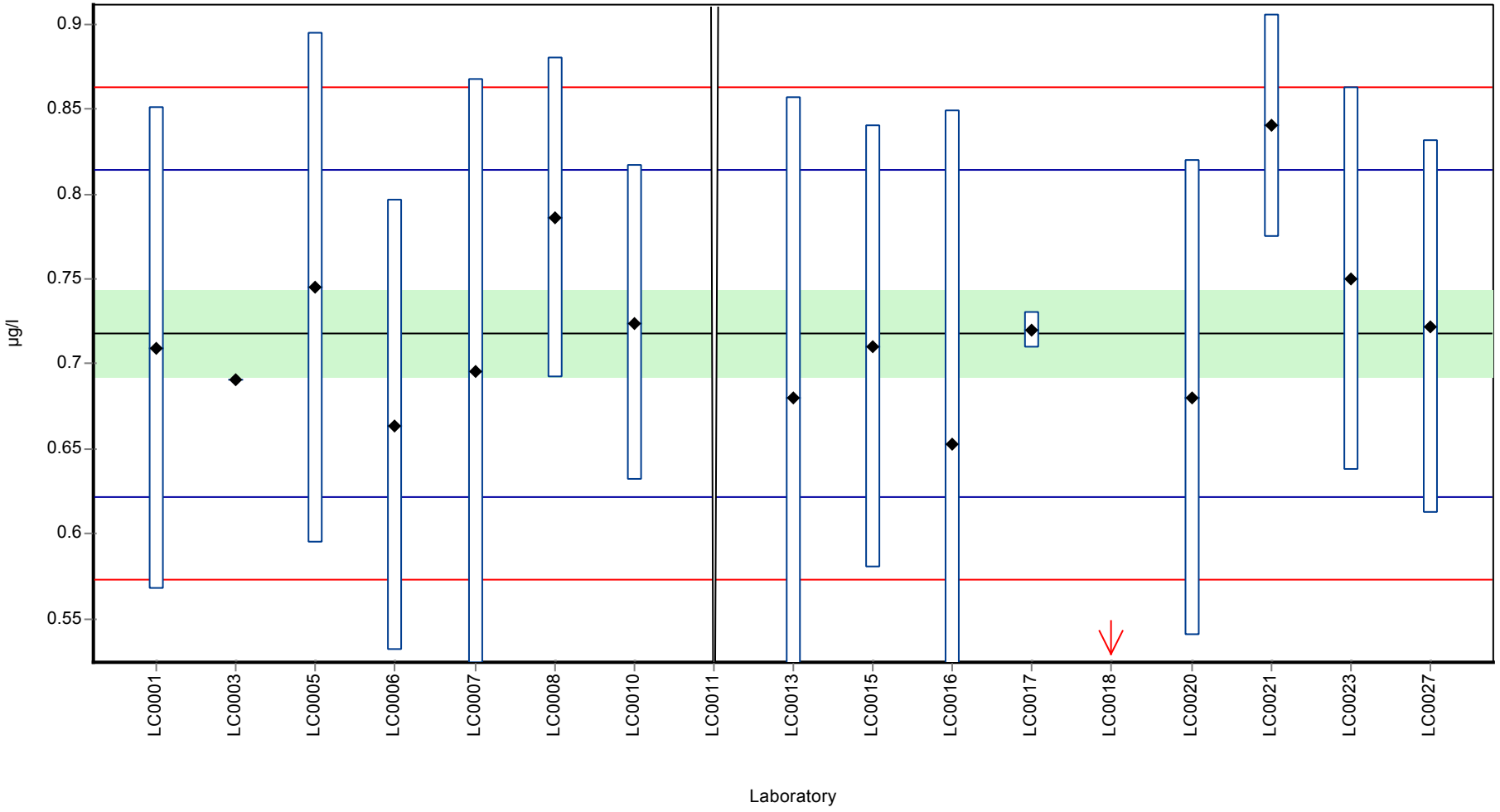
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.709	0.142	98.8	-0.18	
LC0002	-	-	-	-	
LC0003	0.691	-	96.2	-0.56	
LC0004	-	-	-	-	
LC0005	0.745	0.15	104	0.56	
LC0006	0.664	0.133	92.5	-1.12	
LC0007	0.6954	0.172	96.9	-0.47	
LC0008	0.786	0.094	109	1.41	
LC0009	-	-	-	-	
LC0010	0.724	0.093	101	0.13	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	0.68	0.177	94.7	-0.79	
LC0014	-	-	-	-	
LC0015	0.71	0.13	98.9	-0.17	
LC0016	0.653	0.196	91	-1.34	
LC0017	0.72	0.011	100	0.04	
LC0018	0.509	0.061	70.9	-4.32	H
LC0019	-	-	-	-	
LC0020	0.68	0.14	94.7	-0.79	
LC0021	0.84	0.066	117	2.52	
LC0022	-	-	-	-	
LC0023	0.75	0.113	104	0.66	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.722	0.11	101	0.08	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

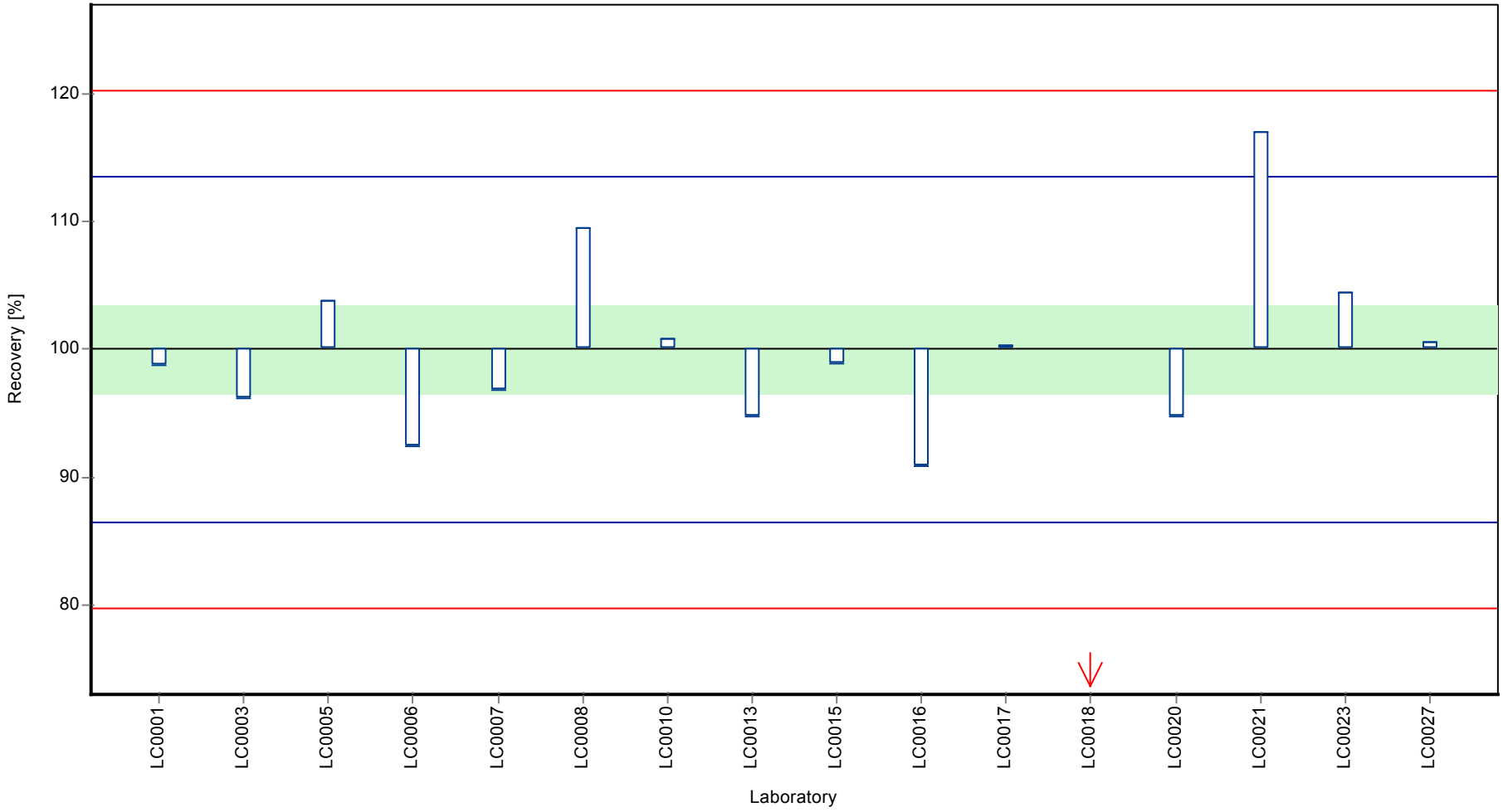
	all results	without outliers	Unit
Mean ± CI (99%)	0.705 ± 0.0526	0.718 ± 0.0375	µg/l
Minimum	0.509	0.653	µg/l
Maximum	0.84	0.84	µg/l
Standard deviation	0.0701	0.0484	µg/l
rel. Standard deviation	9.94	6.73	%
n	16	15	-

Graphical presentation of results

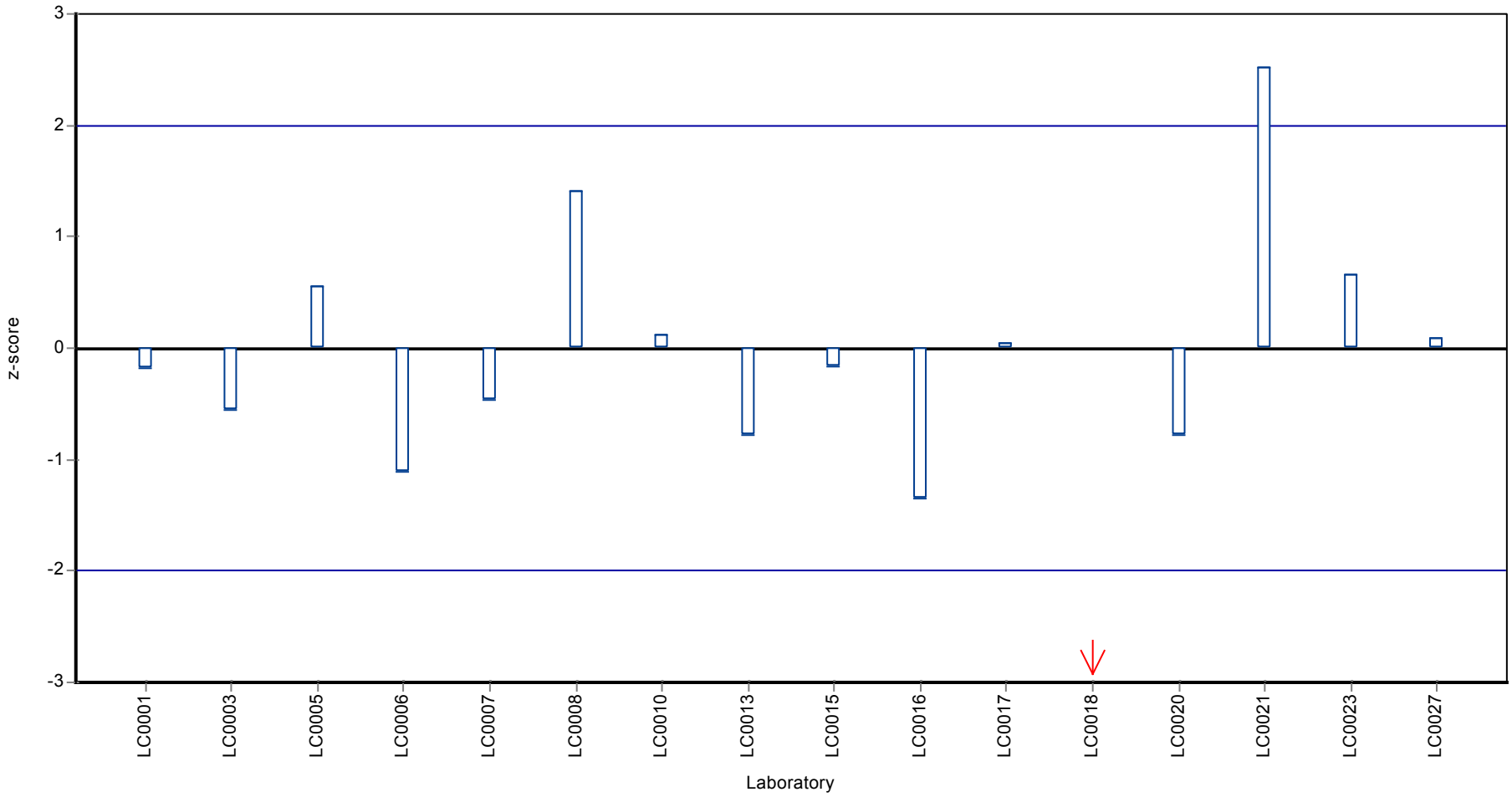
Results



Recovery rate



Z-score


3
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-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0008
LC0010
LC0013
LC0015
LC0016
LC0017
LC0018
LC0020
LC0021
LC0023
LC0027
Laboratory

Parameter oriented report

H94 A

Propazine

Unit	µg/l
Mean ± CI (99%)	0.151 ± 0.0137
Minimum - Maximum	0.096 - 0.204
Control test value ± U	0.142 ± 0.00535

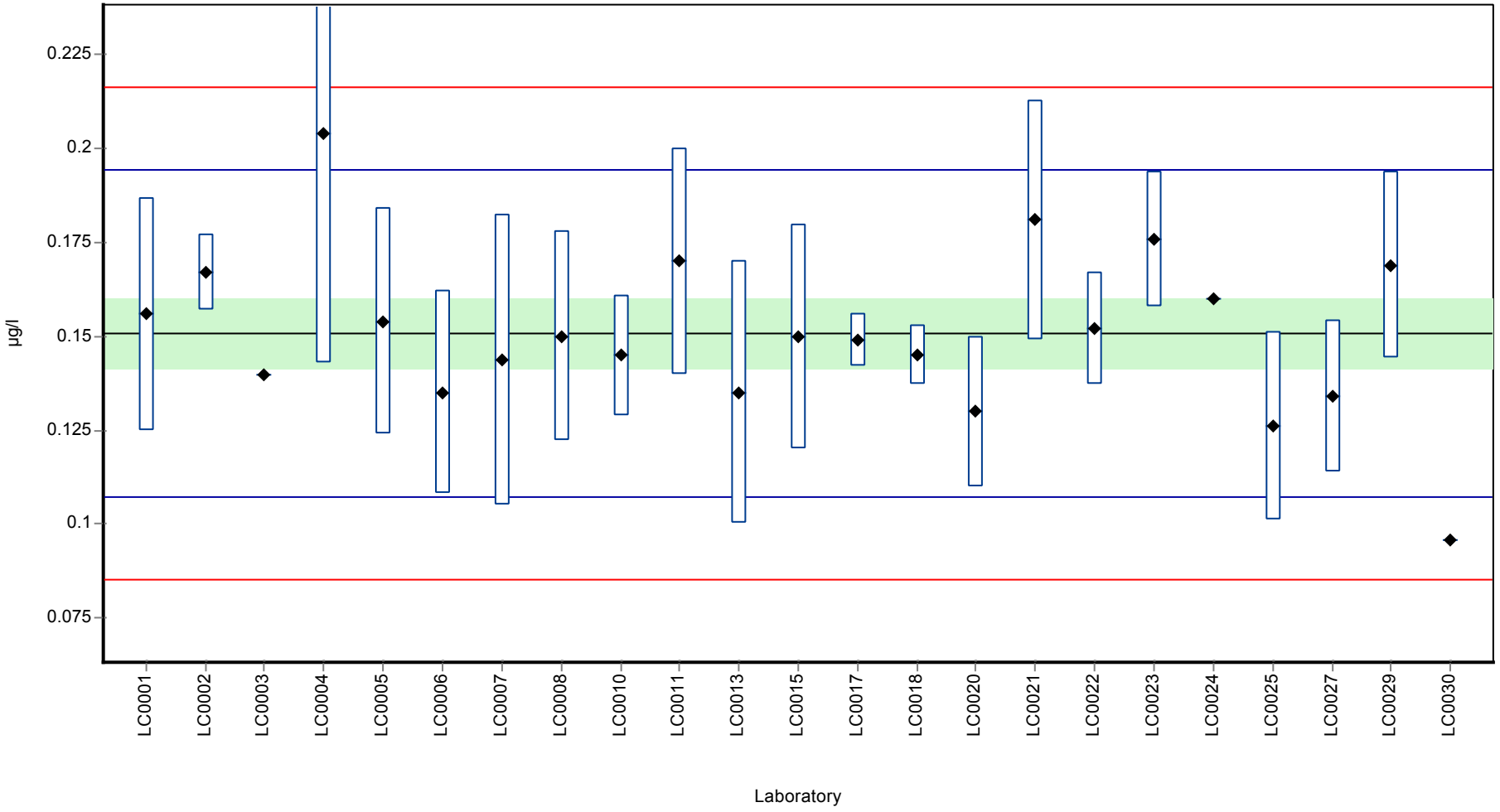
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.156	0.031	103	0.24	
LC0002	0.167	0.01	111	0.74	
LC0003	0.14	-	92.9	-0.49	
LC0004	0.204	0.061	135	2.43	
LC0005	0.154	0.03	102	0.15	
LC0006	0.135	0.027	89.5	-0.72	
LC0007	0.1439	0.0387	95.4	-0.31	
LC0008	0.15	0.028	99.5	-0.04	
LC0009	-	-	-	-	
LC0010	0.145	0.016	96.2	-0.26	
LC0011	0.17	0.03	113	0.88	
LC0012	-	-	-	-	
LC0013	0.135	0.035	89.5	-0.72	
LC0014	-	-	-	-	
LC0015	0.15	0.03	99.5	-0.04	
LC0016	-	-	-	-	
LC0017	0.149	0.007	98.8	-0.08	
LC0018	0.145	0.008	96.2	-0.26	
LC0019	-	-	-	-	
LC0020	0.13	0.02	86.2	-0.95	
LC0021	0.181	0.032	120	1.38	
LC0022	0.152	0.015	101	0.06	
LC0023	0.176	0.018	117	1.15	
LC0024	0.16	-	106	0.42	
LC0025	0.126	0.025	83.6	-1.13	
LC0026	-	-	-	-	
LC0027	0.134	0.0201	88.9	-0.77	
LC0028	-	-	-	-	
LC0029	0.169	0.025	112	0.83	
LC0030	0.096	-	63.7	-2.5	

Characteristics of parameter

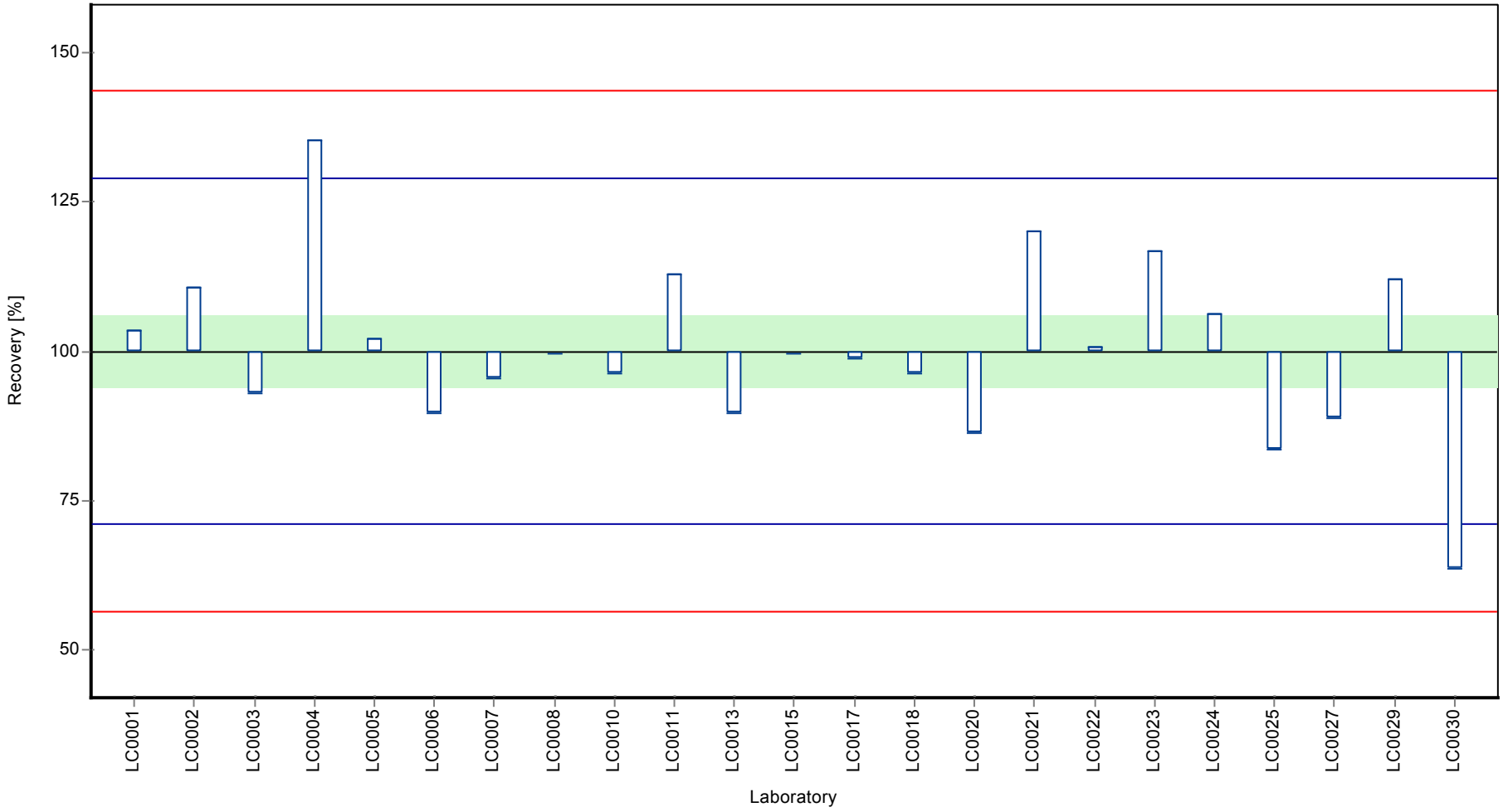
	all results	without outliers	Unit
Mean ± CI (99%)	0.151 ± 0.0137	0.151 ± 0.0137	µg/l
Minimum	0.096	0.096	µg/l
Maximum	0.204	0.204	µg/l
Standard deviation	0.0219	0.0219	µg/l
rel. Standard deviation	14.5	14.5	%
n	23	23	-

Graphical presentation of results

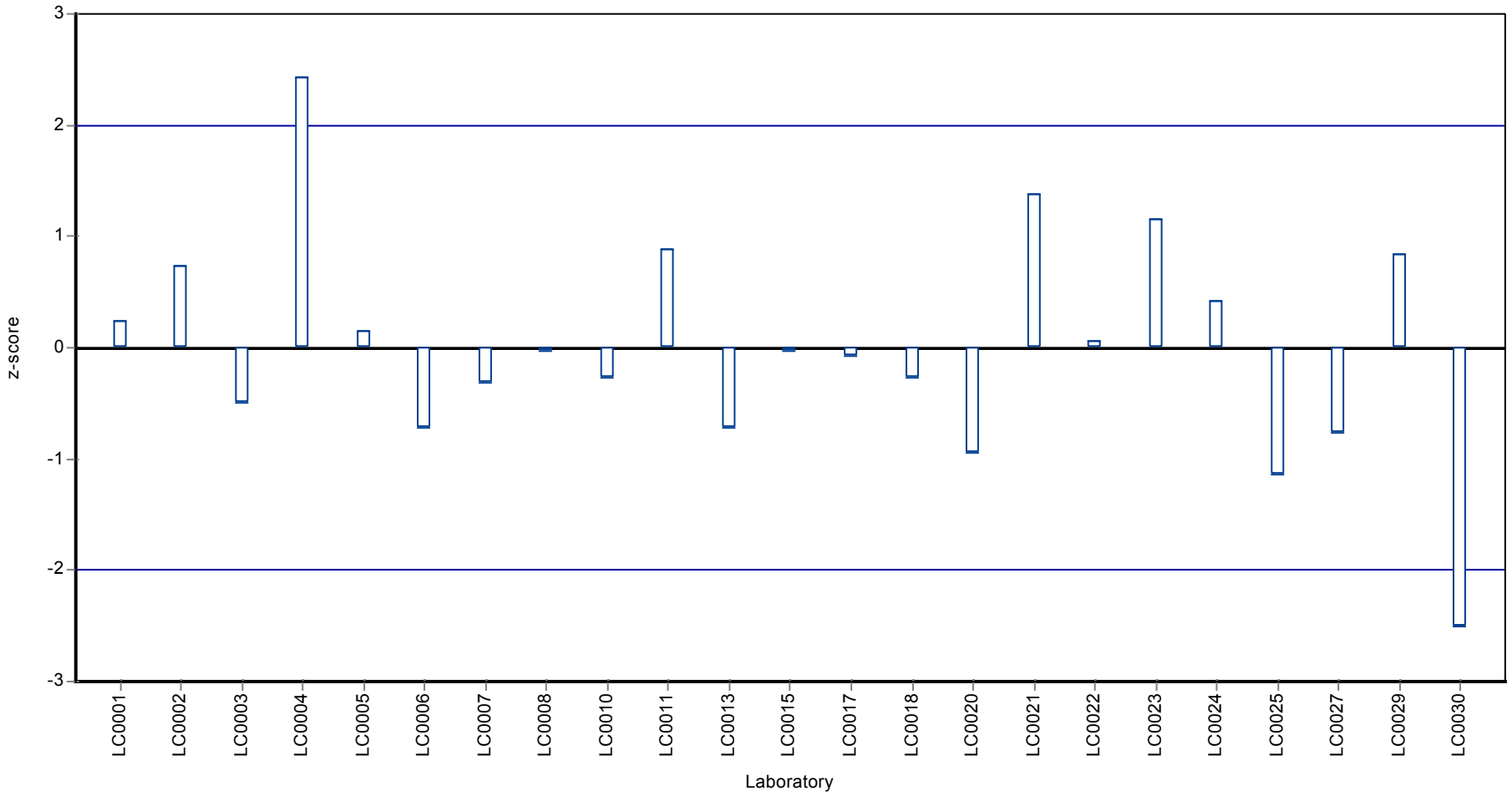
Results



Recovery rate



Z-score


3
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0
-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0013
LC0015
LC0017
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0029
LC0030
Laboratory

Parameter oriented report

H94 B

Propazine

Unit	µg/l
Mean ± CI (99%)	0.28 ± 0.0144
Minimum - Maximum	0.241 - 0.331
Control test value ± U	0.254 ± 0.0094

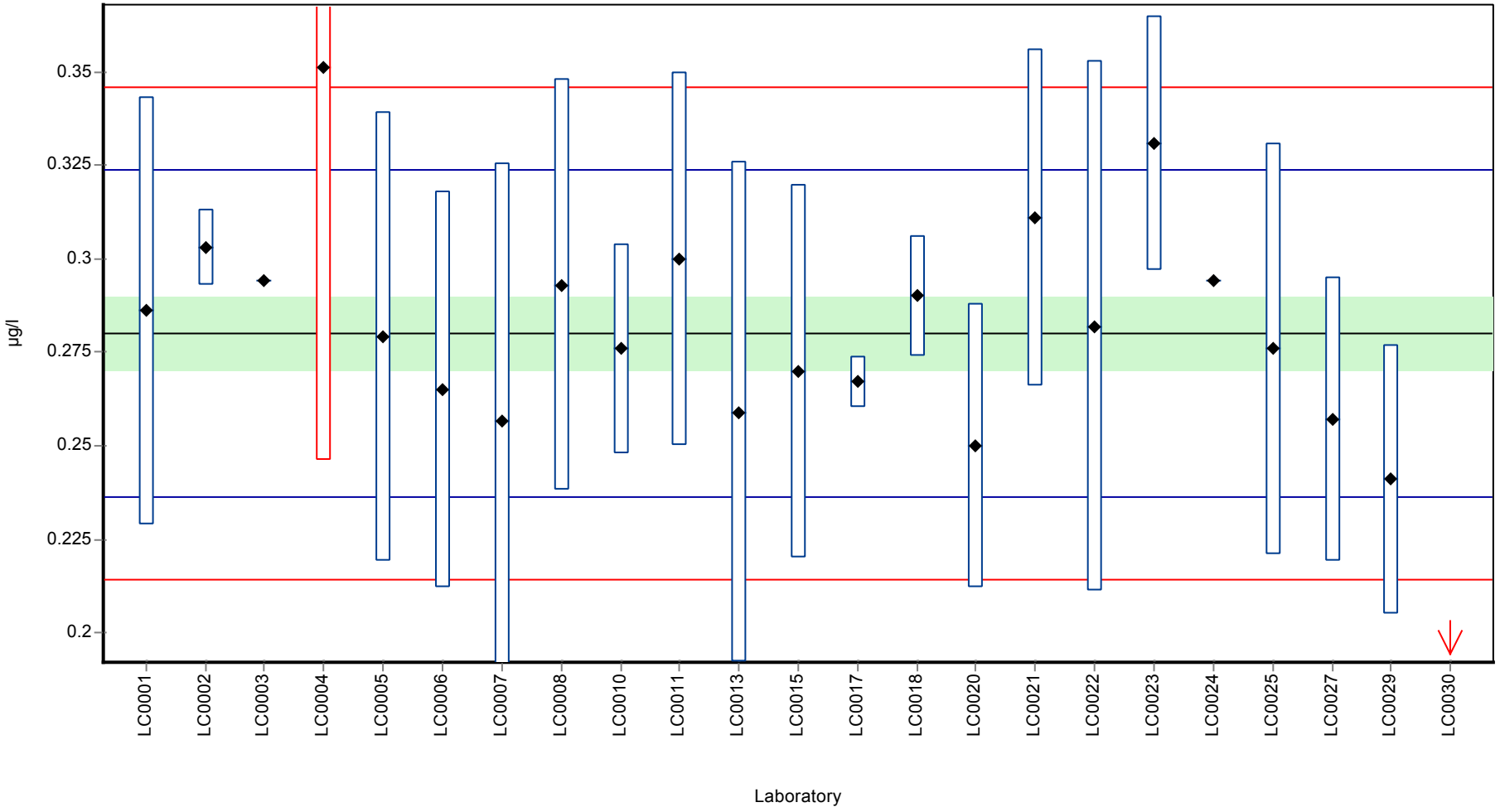
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.286	0.057	102	0.27	
LC0002	0.303	0.01	108	1.05	
LC0003	0.294	-	105	0.64	
LC0004	0.351	0.105	125	3.23	H
LC0005	0.279	0.06	99.6	-0.05	
LC0006	0.265	0.053	94.6	-0.68	
LC0007	0.2566	0.0689	91.6	-1.07	
LC0008	0.293	0.055	105	0.59	
LC0009	-	-	-	-	
LC0010	0.276	0.028	98.6	-0.18	
LC0011	0.3	0.05	107	0.91	
LC0012	-	-	-	-	
LC0013	0.259	0.067	92.5	-0.96	
LC0014	-	-	-	-	
LC0015	0.27	0.05	96.4	-0.46	
LC0016	-	-	-	-	
LC0017	0.267	0.007	95.3	-0.59	
LC0018	0.29	0.016	104	0.45	
LC0019	-	-	-	-	
LC0020	0.25	0.038	89.3	-1.37	
LC0021	0.311	0.045	111	1.41	
LC0022	0.282	0.071	101	0.09	
LC0023	0.331	0.034	118	2.32	
LC0024	0.294	-	105	0.64	
LC0025	0.276	0.055	98.6	-0.18	
LC0026	-	-	-	-	
LC0027	0.257	0.038	91.8	-1.05	
LC0028	-	-	-	-	
LC0029	0.241	0.036	86.1	-1.78	
LC0030	0.138	-	49.3	-6.46	H

Characteristics of parameter

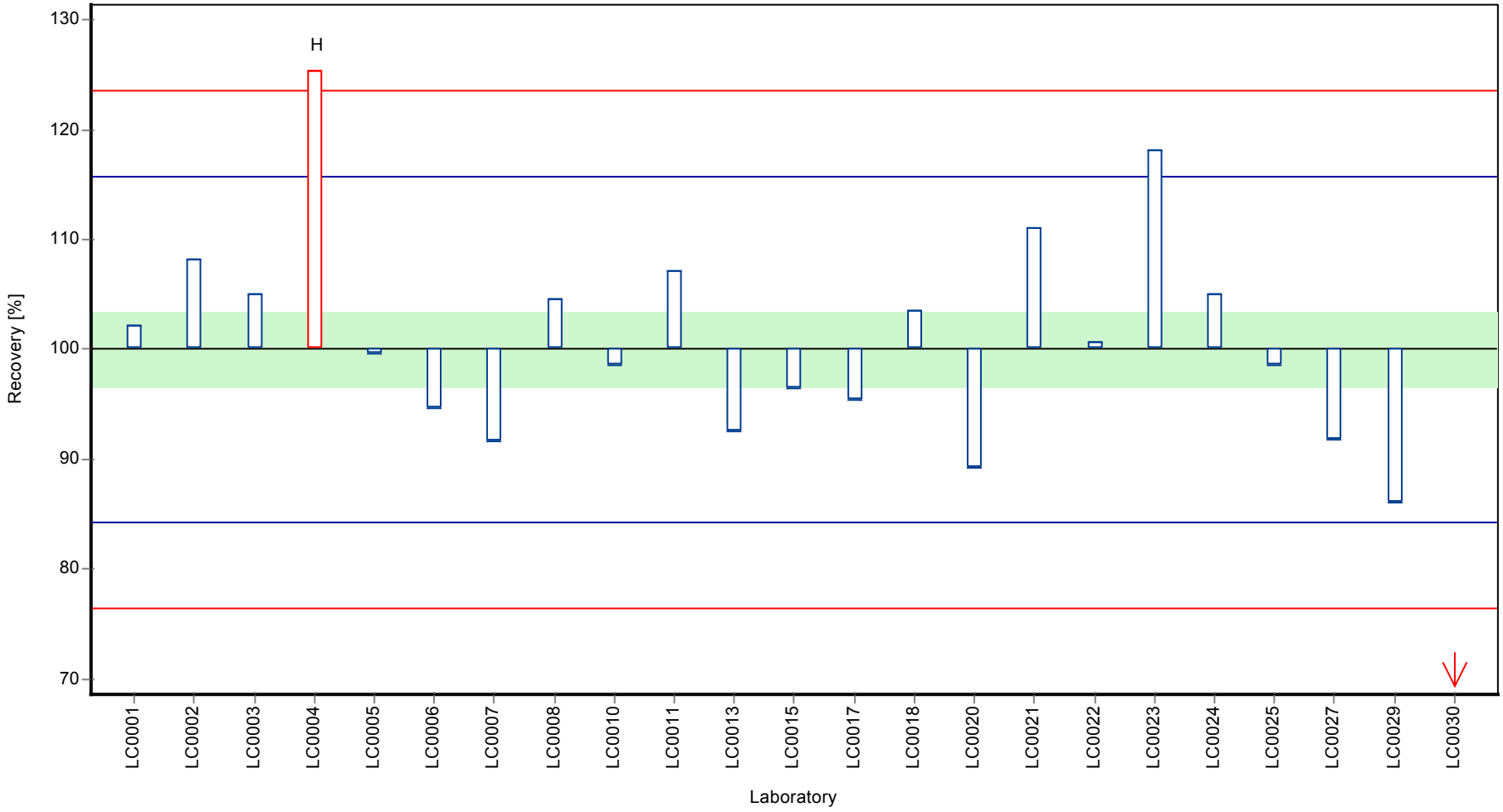
	all results	without outliers	Unit
Mean ± CI (99%)	0.277 ± 0.0248	0.28 ± 0.0144	µg/l
Minimum	0.138	0.241	µg/l
Maximum	0.351	0.331	µg/l
Standard deviation	0.0397	0.022	µg/l
rel. Standard deviation	14.3	7.85	%
n	23	21	-

Graphical presentation of results

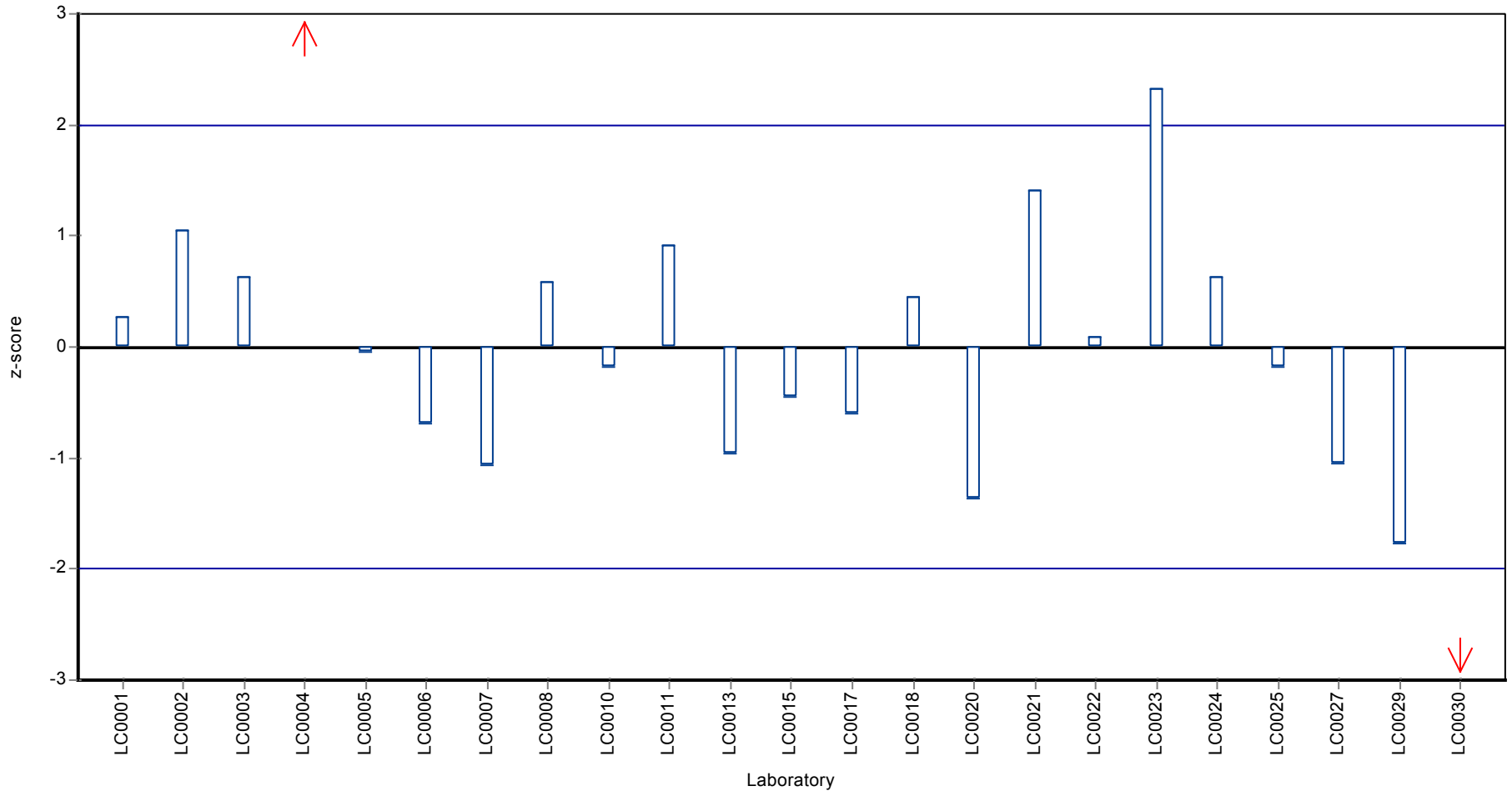
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0013
LC0015
LC0017
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0029
LC0030
Laboratory

Parameter oriented report

H94 A

Sebuthylazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.147 - 0.147
Control test value ± U	< 0.025 (LOD)

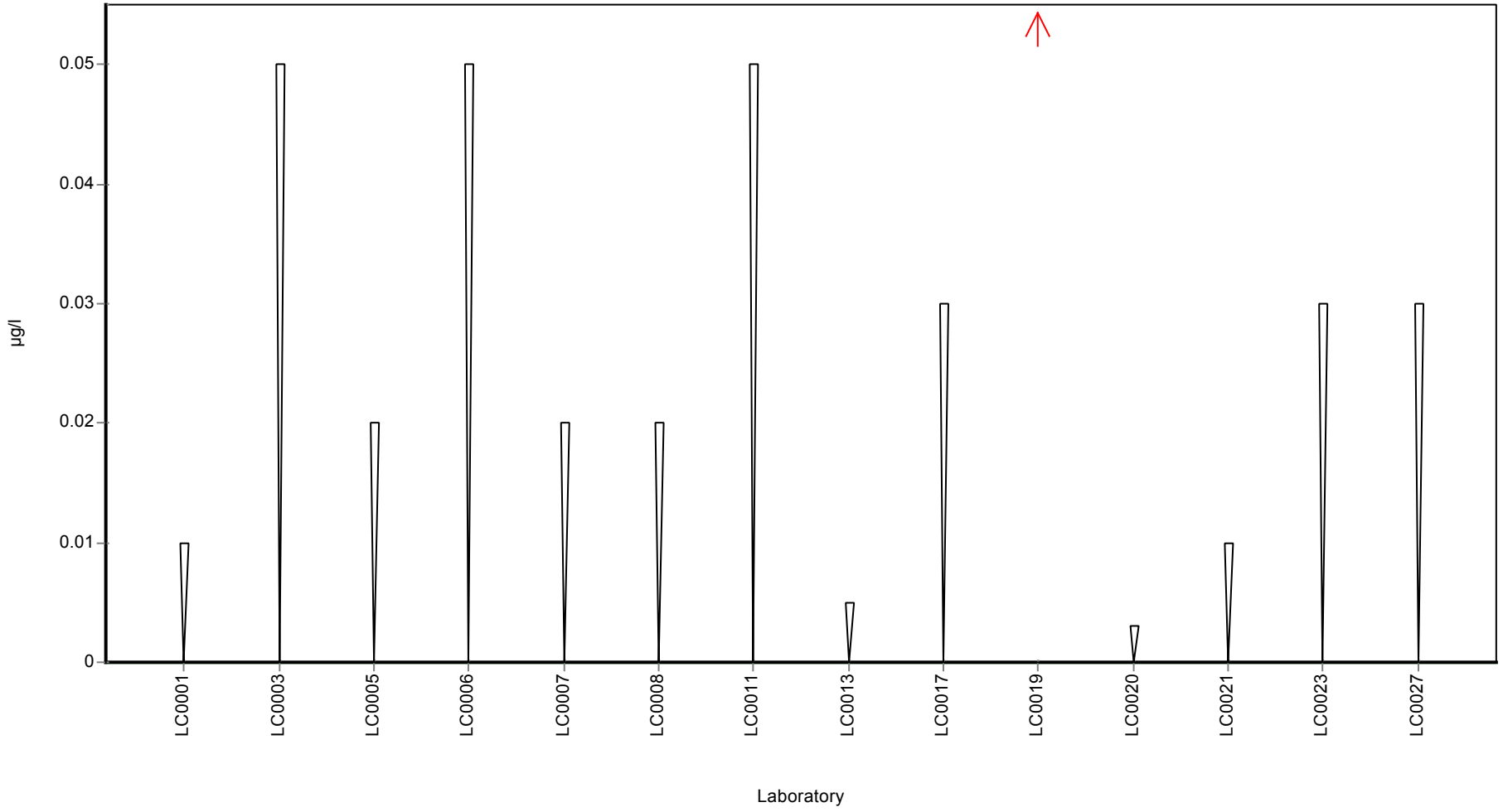
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	-	-	-	-	
LC0019	0.147	-	-	-	FP
LC0020	< 0.003 (LOQ)	-	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.147	-	µg/l
Minimum	0.147	0.147	µg/l
Maximum	0.147	0.147	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Sebuthylazine

Unit	µg/l
Mean ± CI (99%)	0.17 ± 0.0119
Minimum - Maximum	0.145 - 0.199
Control test value ± U	0.173 ± 0.00532

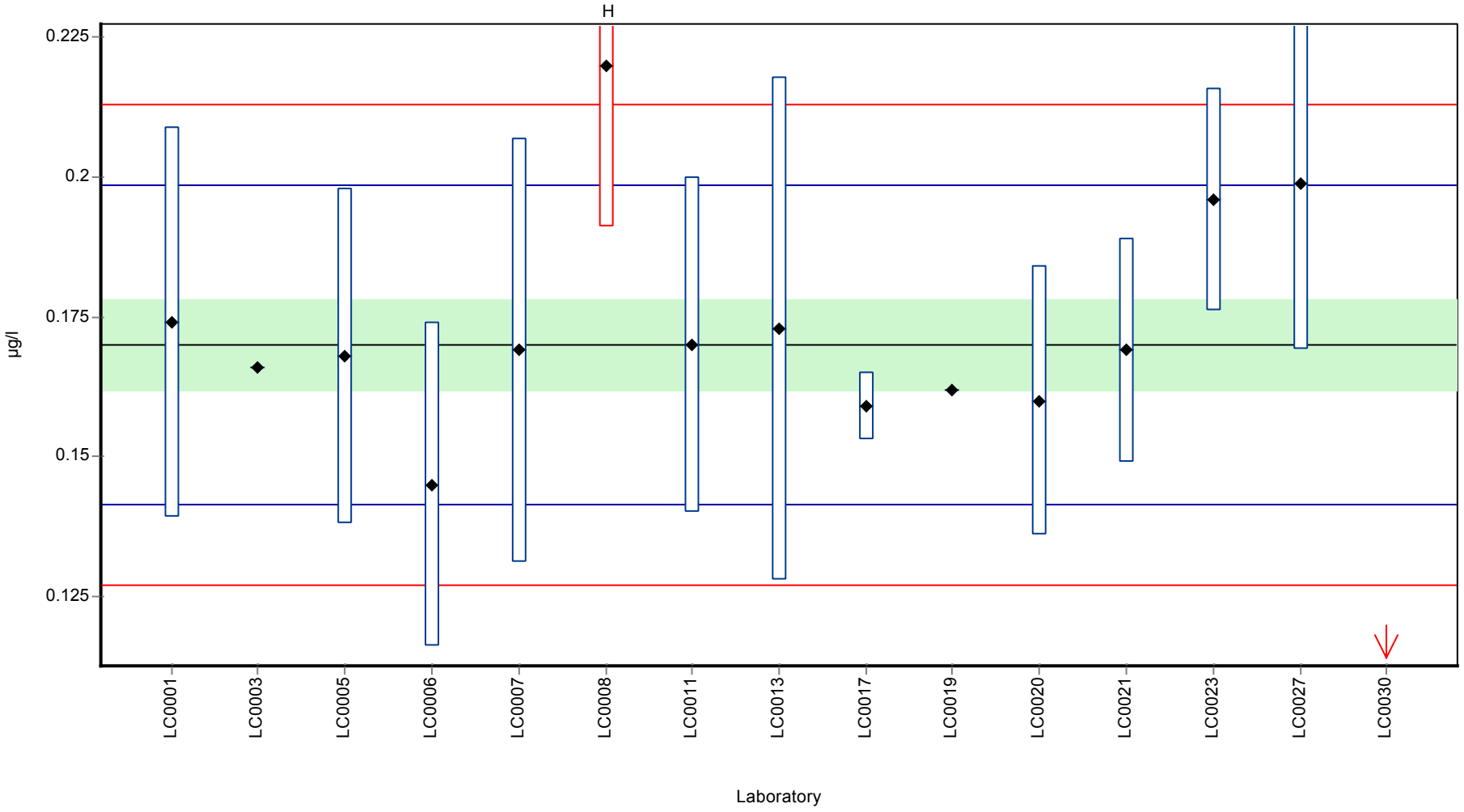
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.174	0.035	102	0.28	
LC0002	-	-	-	-	
LC0003	0.166	-	97.6	-0.28	
LC0004	-	-	-	-	
LC0005	0.168	0.03	98.8	-0.14	
LC0006	0.145	0.029	85.3	-1.74	
LC0007	0.169	0.0379	99.4	-0.07	
LC0008	0.22	0.029	129	3.48	H
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.17	0.03	100	0	
LC0012	-	-	-	-	
LC0013	0.173	0.045	102	0.21	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.159	0.006	93.5	-0.77	
LC0018	-	-	-	-	
LC0019	0.162	-	95.3	-0.56	
LC0020	0.16	0.024	94.1	-0.7	
LC0021	0.169	0.02	99.4	-0.07	
LC0022	-	-	-	-	
LC0023	0.196	0.02	115	1.81	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.199	0.03	117	2.02	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.086	-	50.6	-5.85	H

Characteristics of parameter

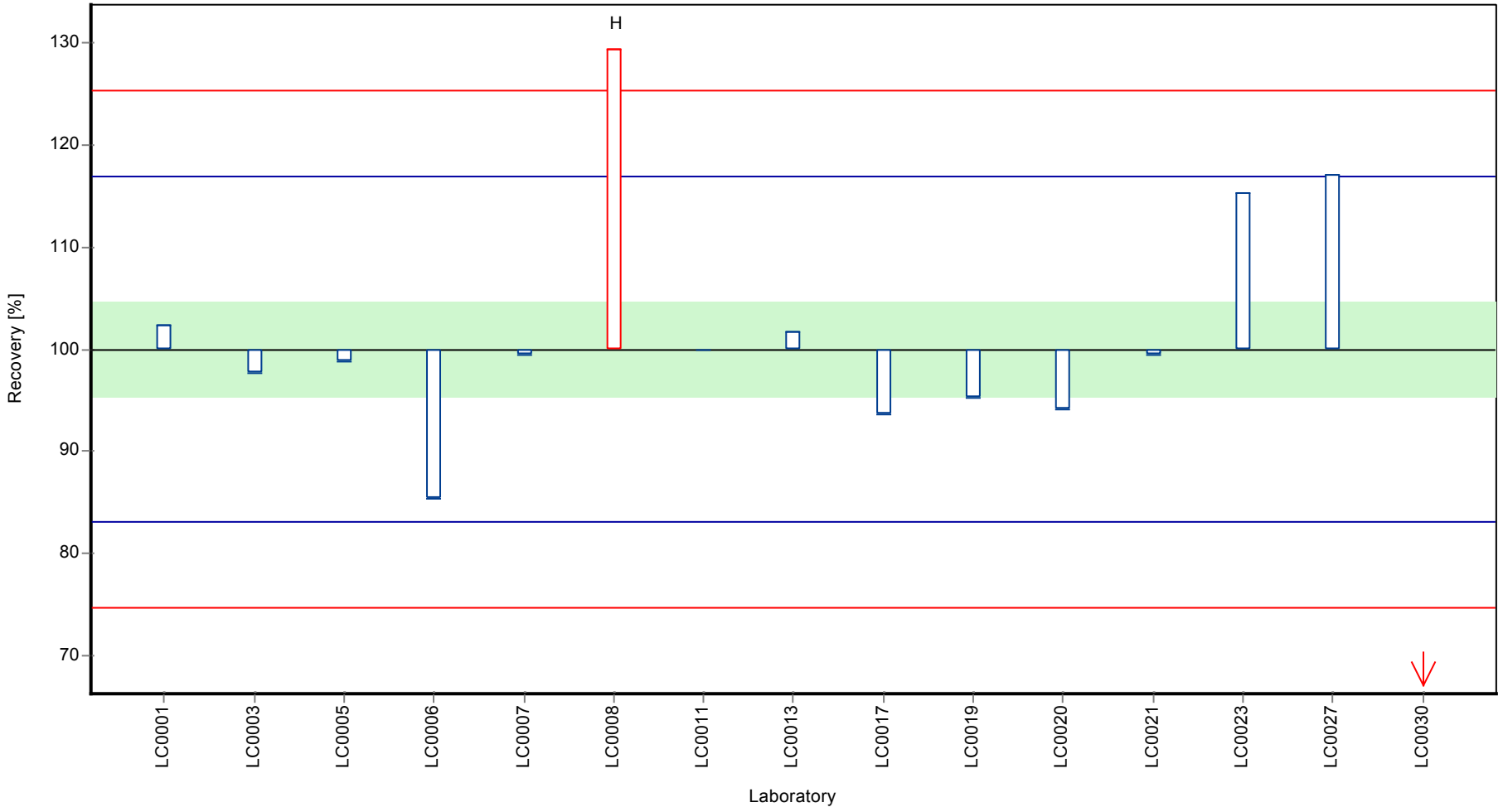
	all results	without outliers	Unit
Mean ± CI (99%)	0.168 ± 0.0226	0.17 ± 0.0119	µg/l
Minimum	0.086	0.145	µg/l
Maximum	0.22	0.199	µg/l
Standard deviation	0.0292	0.0144	µg/l
rel. Standard deviation	17.4	8.45	%
n	15	13	-

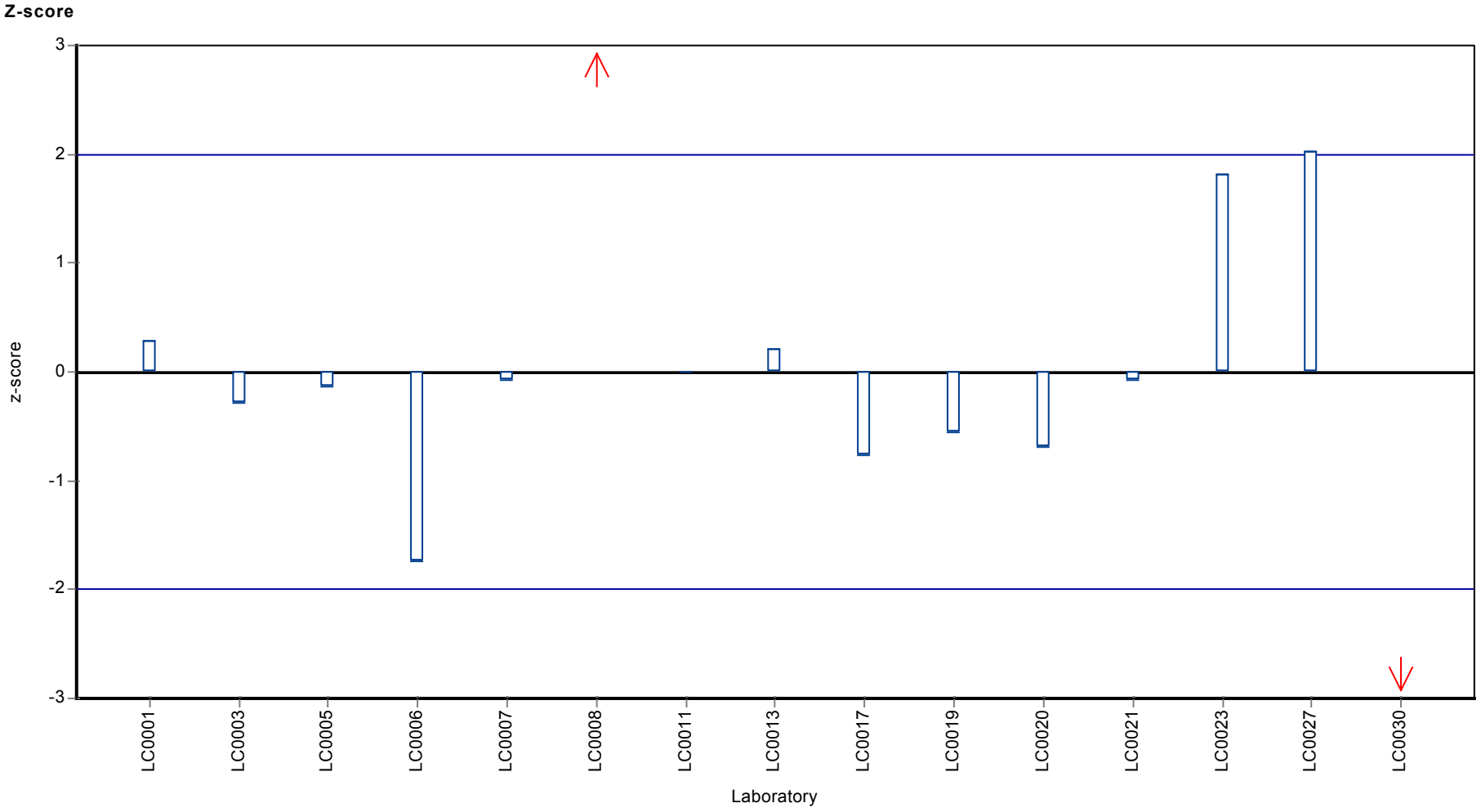
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0005
LC0006
LC0007
LC0008
LC0011
LC0013
LC0017
LC0019
LC0020
LC0021
LC0023
LC0027
LC0030
Laboratory

Parameter oriented report

H94 A

Simazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.005 - 0.01
Control test value ± U	< 0.025 (LOD)

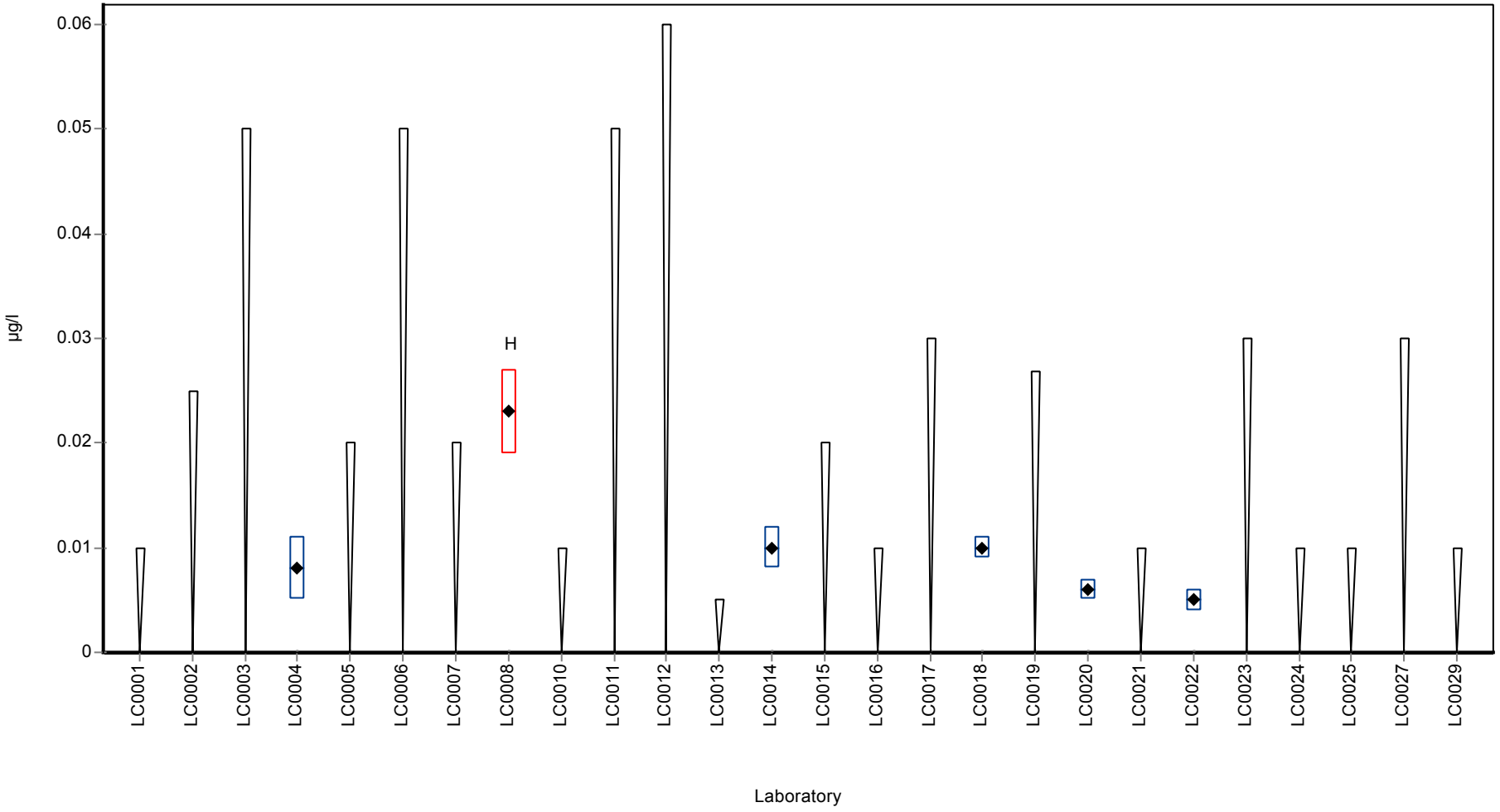
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	0.008	0.003	-	-	
LC0005	< 0.02 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	0.023	0.004	-	-	H
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.06 (LOQ)	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	0.01	0.002	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	0.01	0.001	-	-	
LC0019	< 0.0268 (LOQ)	-	-	-	
LC0020	0.006	0.001	-	-	
LC0021	< 0.01 (LOQ)	-	-	-	
LC0022	0.005	0.001	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	<0.01 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0103 ± 0.008	-	µg/l
Minimum	0.005	0.005	µg/l
Maximum	0.023	0.01	µg/l
Standard deviation	0.00653	-	µg/l
rel. Standard deviation	63.2	-	%
n	6	5	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Simazine

Unit	µg/l
Mean ± CI (99%)	0.551 ± 0.0366
Minimum - Maximum	0.432 - 0.667
Control test value ± U	0.517 ± 0.0194

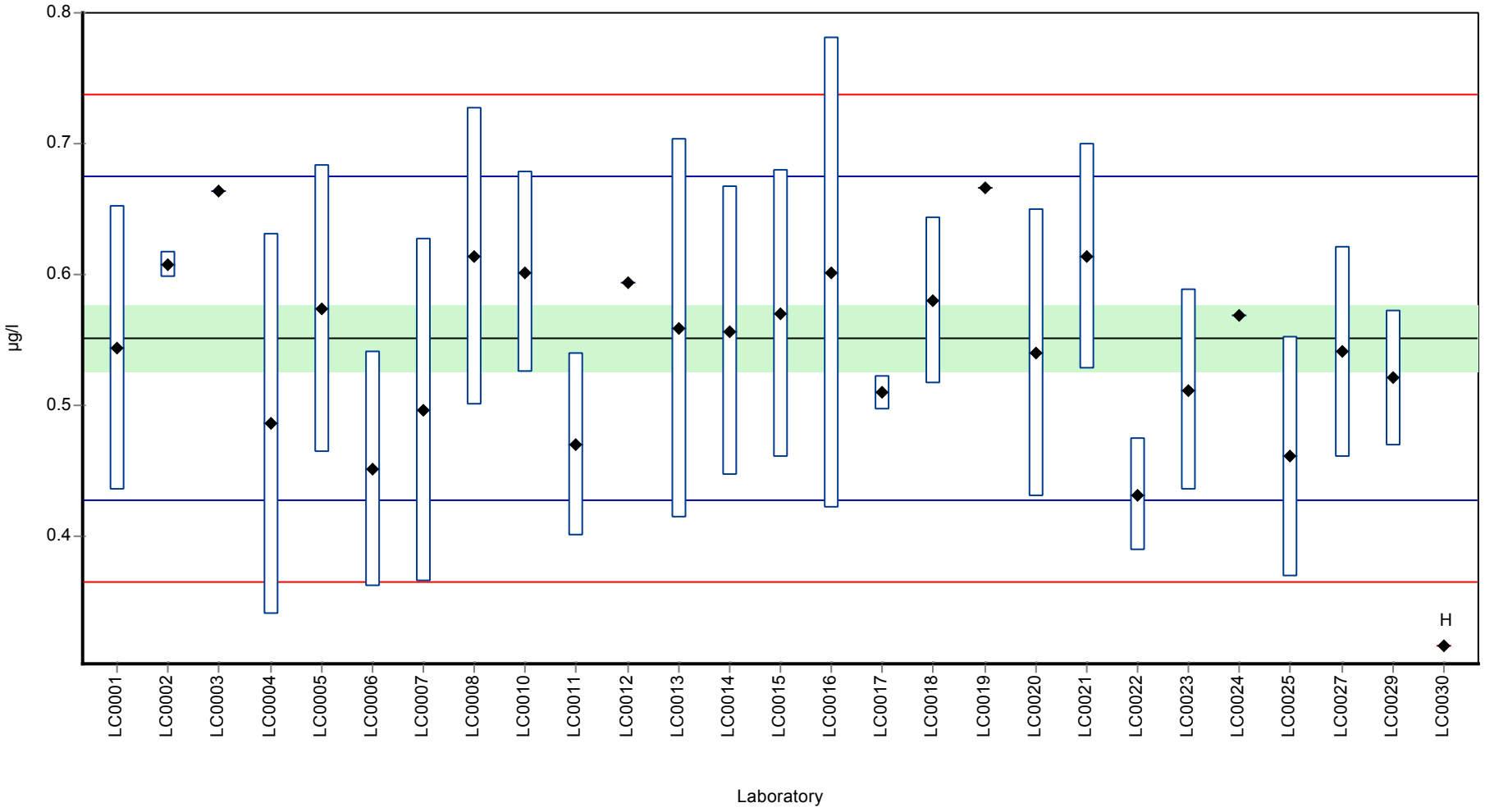
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.544	0.109	98.6	-0.12	
LC0002	0.608	0.01	110	0.91	
LC0003	0.664	-	120	1.81	
LC0004	0.486	0.146	88.1	-1.05	
LC0005	0.5735	0.11	104	0.35	
LC0006	0.452	0.09	82	-1.6	
LC0007	0.4964	0.1308	90	-0.89	
LC0008	0.614	0.114	111	1.01	
LC0009	-	-	-	-	
LC0010	0.602	0.077	109	0.81	
LC0011	0.47	0.07	85.2	-1.31	
LC0012	0.594	-	108	0.68	
LC0013	0.559	0.145	101	0.12	
LC0014	0.557	0.111	101	0.09	
LC0015	0.57	0.11	103	0.3	
LC0016	0.601	0.18	109	0.8	
LC0017	0.51	0.013	92.5	-0.67	
LC0018	0.58	0.064	105	0.46	
LC0019	0.667	-	121	1.86	
LC0020	0.54	0.11	97.9	-0.18	
LC0021	0.614	0.086	111	1.01	
LC0022	0.432	0.043	78.3	-1.92	
LC0023	0.512	0.077	92.8	-0.63	
LC0024	0.569	-	103	0.28	
LC0025	0.461	0.092	83.6	-1.45	
LC0026	-	-	-	-	
LC0027	0.541	0.081	98.1	-0.17	
LC0028	-	-	-	-	
LC0029	0.521	0.052	94.5	-0.49	
LC0030	0.317	-	57.5	-3.77	H

Characteristics of parameter

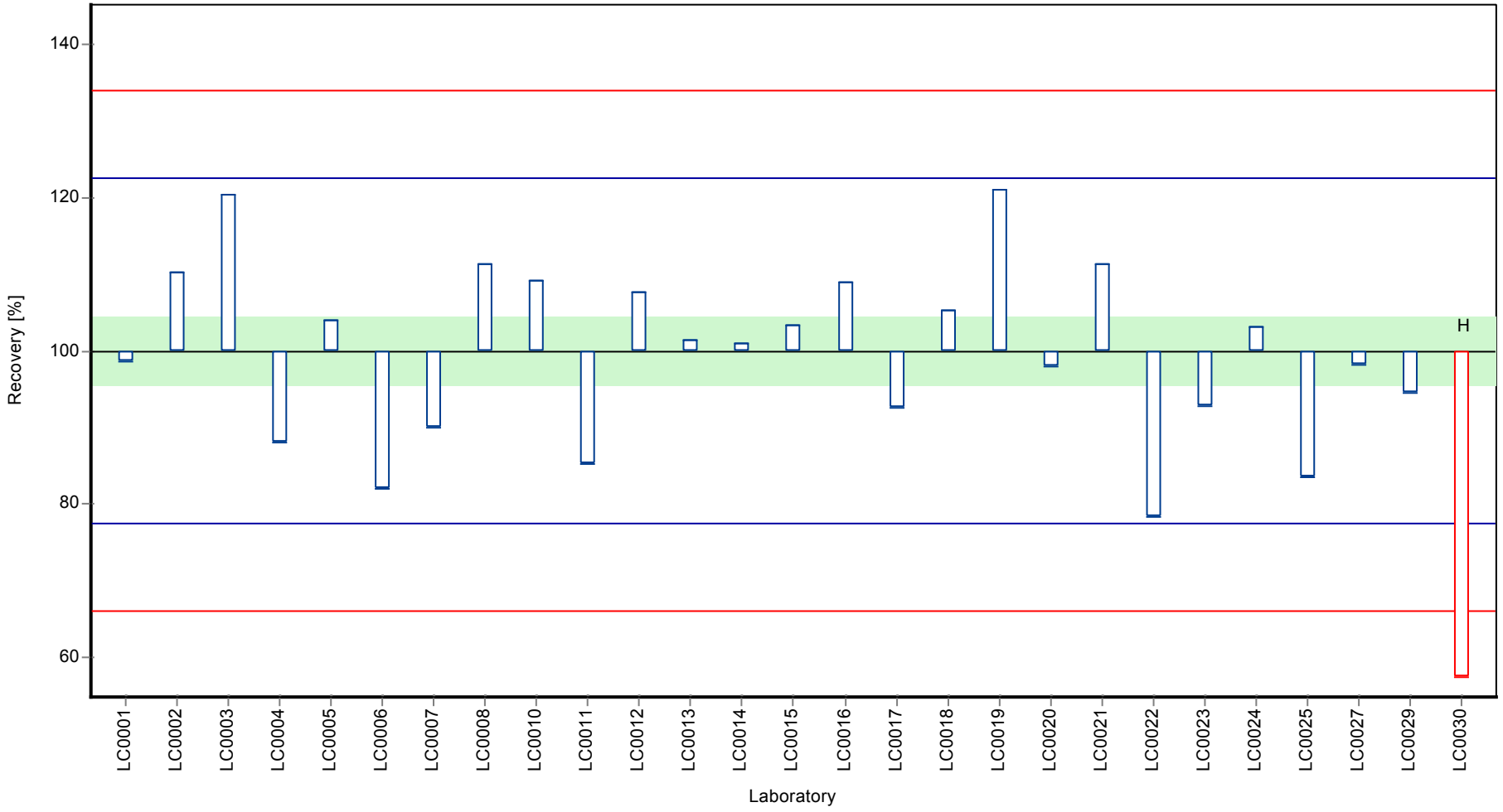
	all results	without outliers	Unit
Mean ± CI (99%)	0.543 ± 0.0438	0.551 ± 0.0366	µg/l
Minimum	0.317	0.432	µg/l
Maximum	0.667	0.667	µg/l
Standard deviation	0.0759	0.0622	µg/l
rel. Standard deviation	14	11.3	%
n	27	26	-

Graphical presentation of results

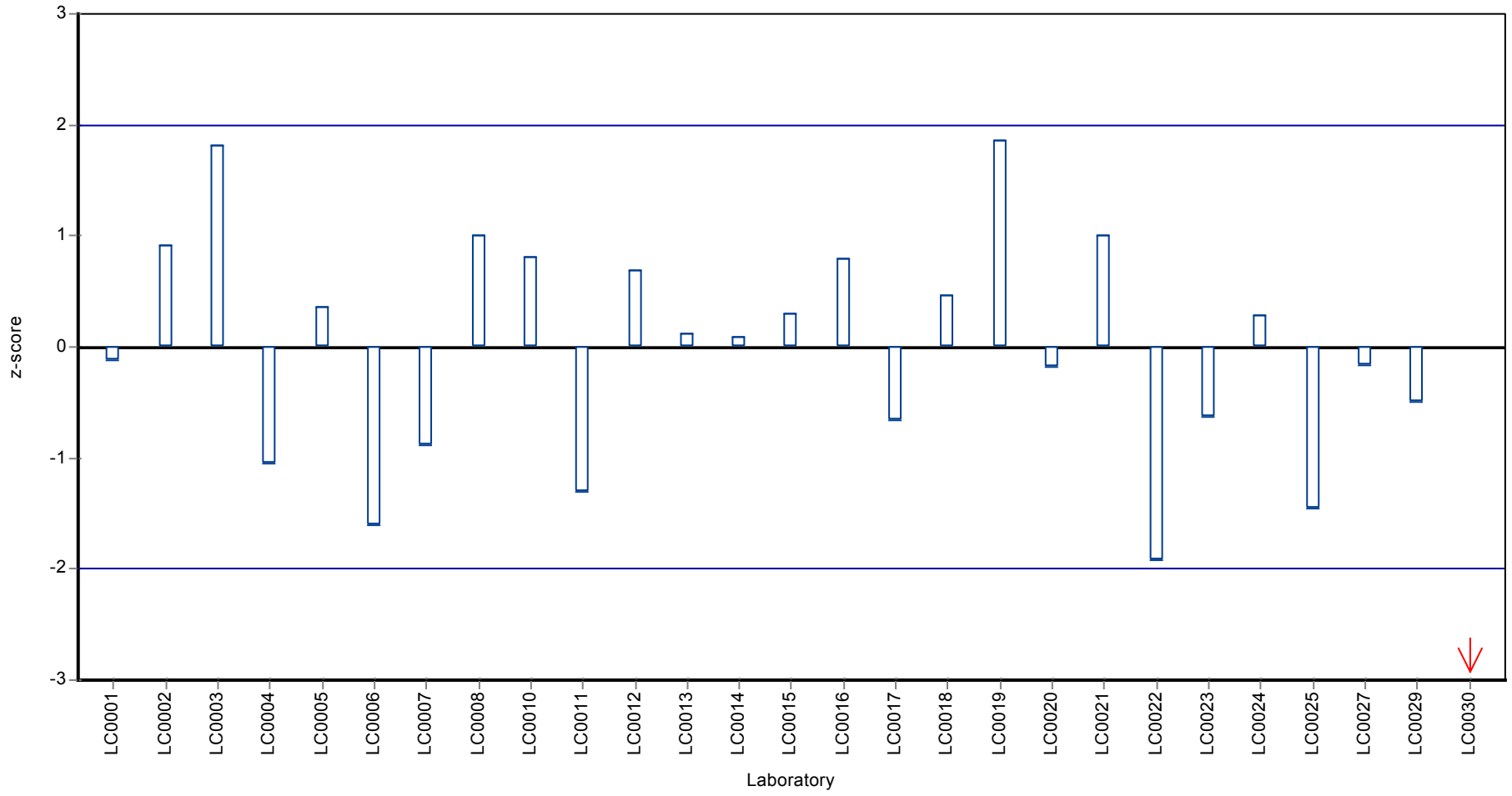
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0014
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0029
LC0030
Laboratory

Parameter oriented report

H94 A

Terbuthylazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.004 - 0.004
Control test value ± U	< 0.025 (LOD)

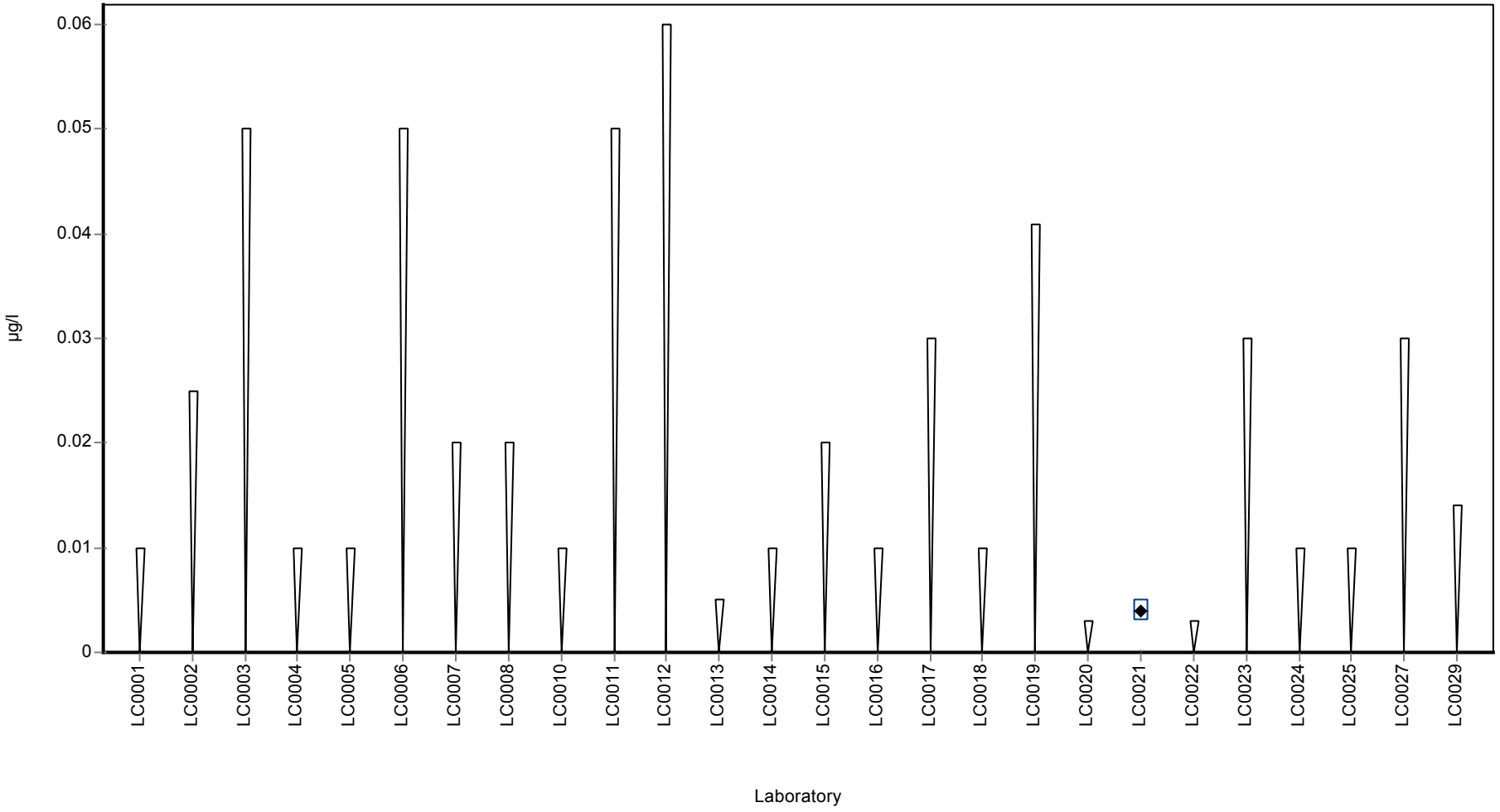
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.01 (LOQ)	-	-	-	
LC0002	< 0.025 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.01 (LOQ)	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.06 (LOQ)	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	< 0.0409 (LOQ)	-	-	-	
LC0020	< 0.003 (LOQ)	-	-	-	
LC0021	0.004	0.001	-	-	
LC0022	< 0.003 (LOQ)	-	-	-	
LC0023	< 0.03 (LOQ)	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	< 0.01 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.03 (LOQ)	-	-	-	
LC0028	-	-	-	-	
LC0029	<0.014 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.004	-	µg/l
Minimum	0.004	0.004	µg/l
Maximum	0.004	0.004	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H94 B

Terbuthylazine

Unit	µg/l
Mean ± CI (99%)	0.0948 ± 0.00676
Minimum - Maximum	0.077 - 0.12
Control test value ± U	0.0866 ± 0.00349

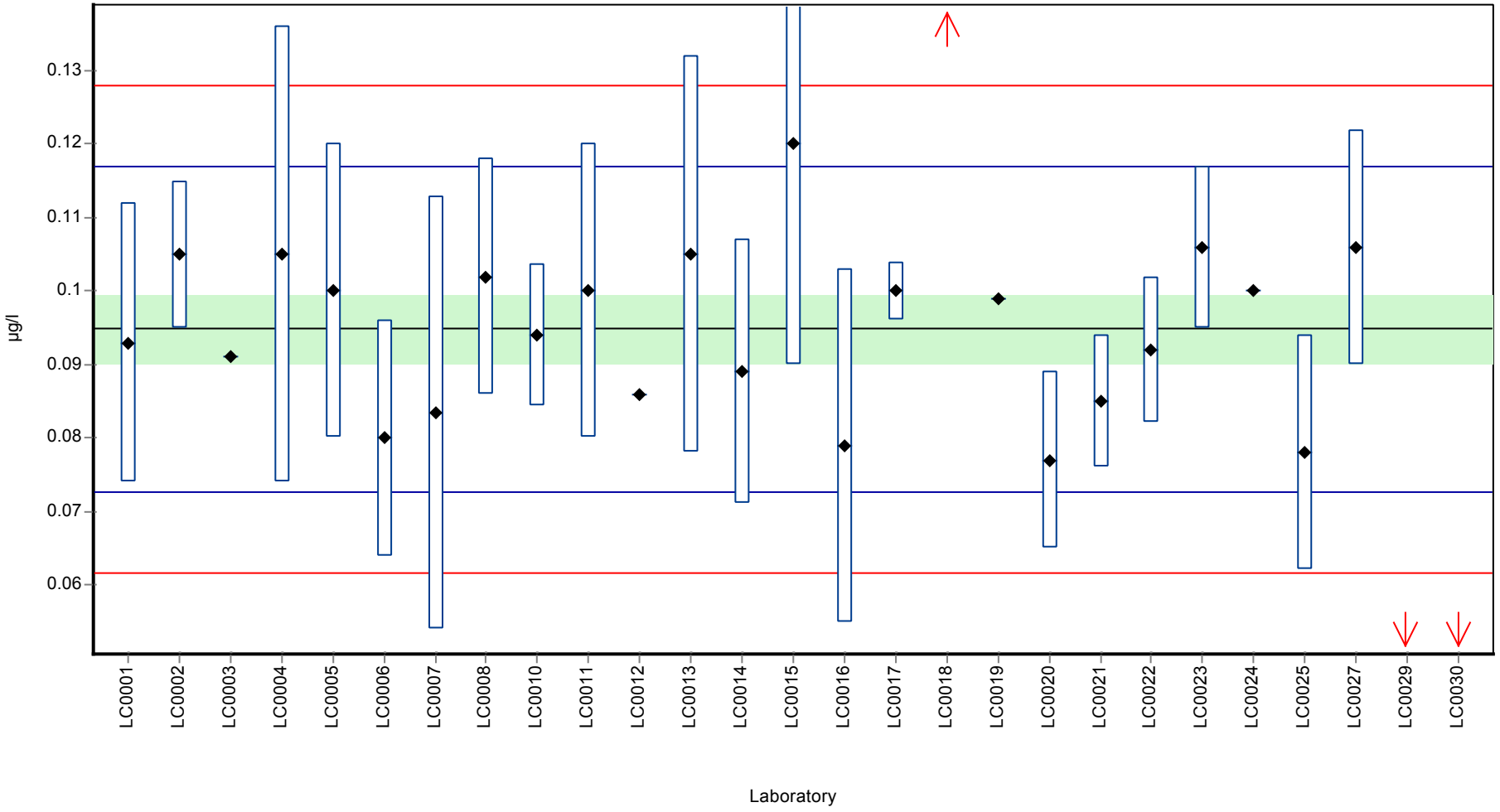
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.093	0.019	98.1	-0.16	
LC0002	0.105	0.01	111	0.92	
LC0003	0.091	-	96	-0.34	
LC0004	0.105	0.031	111	0.92	
LC0005	0.1	0.02	105	0.47	
LC0006	0.08	0.016	84.4	-1.34	
LC0007	0.0834	0.0295	88	-1.03	
LC0008	0.102	0.016	108	0.65	
LC0009	-	-	-	-	
LC0010	0.094	0.0096	99.1	-0.07	
LC0011	0.1	0.02	105	0.47	
LC0012	0.086	-	90.7	-0.8	
LC0013	0.105	0.027	111	0.92	
LC0014	0.089	0.018	93.9	-0.53	
LC0015	0.12	0.03	127	2.28	
LC0016	0.079	0.024	83.3	-1.43	
LC0017	0.1	0.004	105	0.47	
LC0018	0.195	0.012	206	9.07	H
LC0019	0.099	-	104	0.38	
LC0020	0.077	0.012	81.2	-1.61	
LC0021	0.085	0.009	89.7	-0.89	
LC0022	0.092	0.01	97	-0.25	
LC0023	0.106	0.011	112	1.01	
LC0024	0.1	-	105	0.47	
LC0025	0.078	0.016	82.3	-1.52	
LC0026	-	-	-	-	
LC0027	0.106	0.016	112	1.01	
LC0028	-	-	-	-	
LC0029	<0.014 (LOD)	-	-	-	FN
LC0030	0.046	-	48.5	-4.42	H

Characteristics of parameter

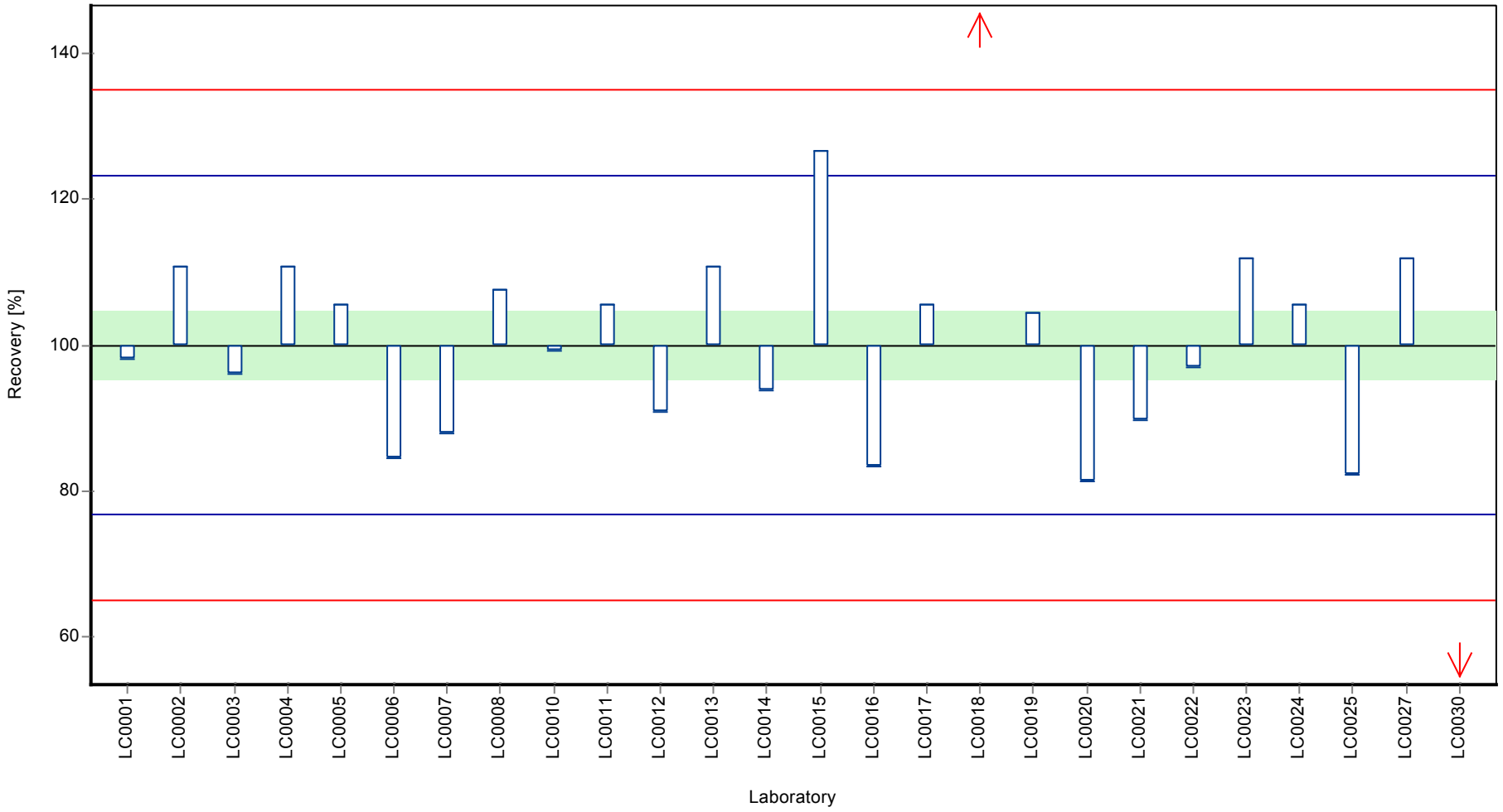
	all results	without outliers	Unit
Mean ± CI (99%)	0.0968 ± 0.0145	0.0948 ± 0.00676	µg/l
Minimum	0.046	0.077	µg/l
Maximum	0.195	0.12	µg/l
Standard deviation	0.0246	0.011	µg/l
rel. Standard deviation	25.4	11.7	%
n	26	24	-

Graphical presentation of results

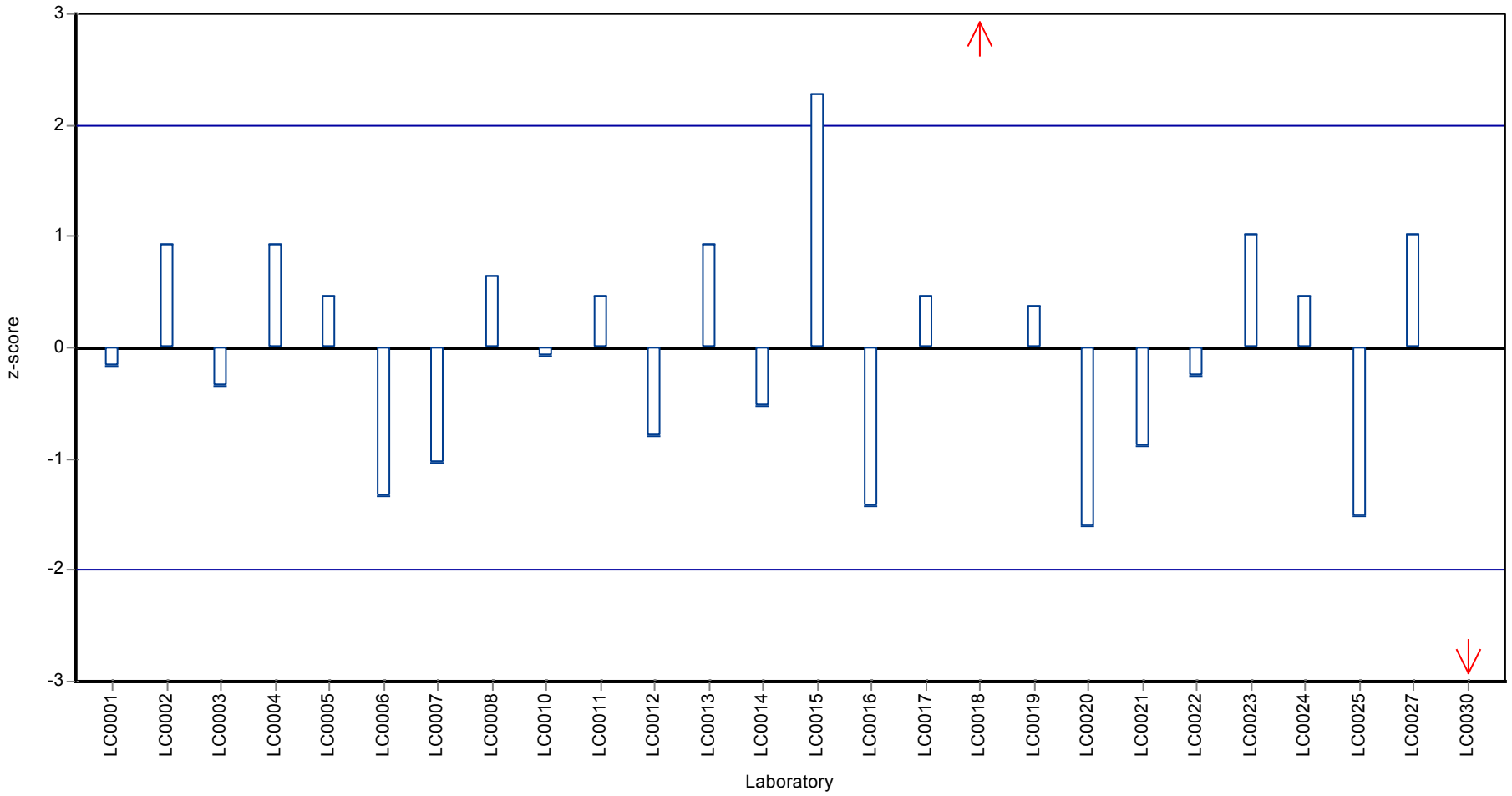
Results



Recovery rate



Z-score


3
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-3
z-score
LC0001
LC0002
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0012
LC0013
LC0014
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0030
Laboratory

Parameter oriented report

H94 A

Terbutryn

Unit	µg/l
Mean ± CI (99%)	0.384 ± 0.0172
Minimum - Maximum	0.328 - 0.42
Control test value ± U	0.407 ± 0.0163

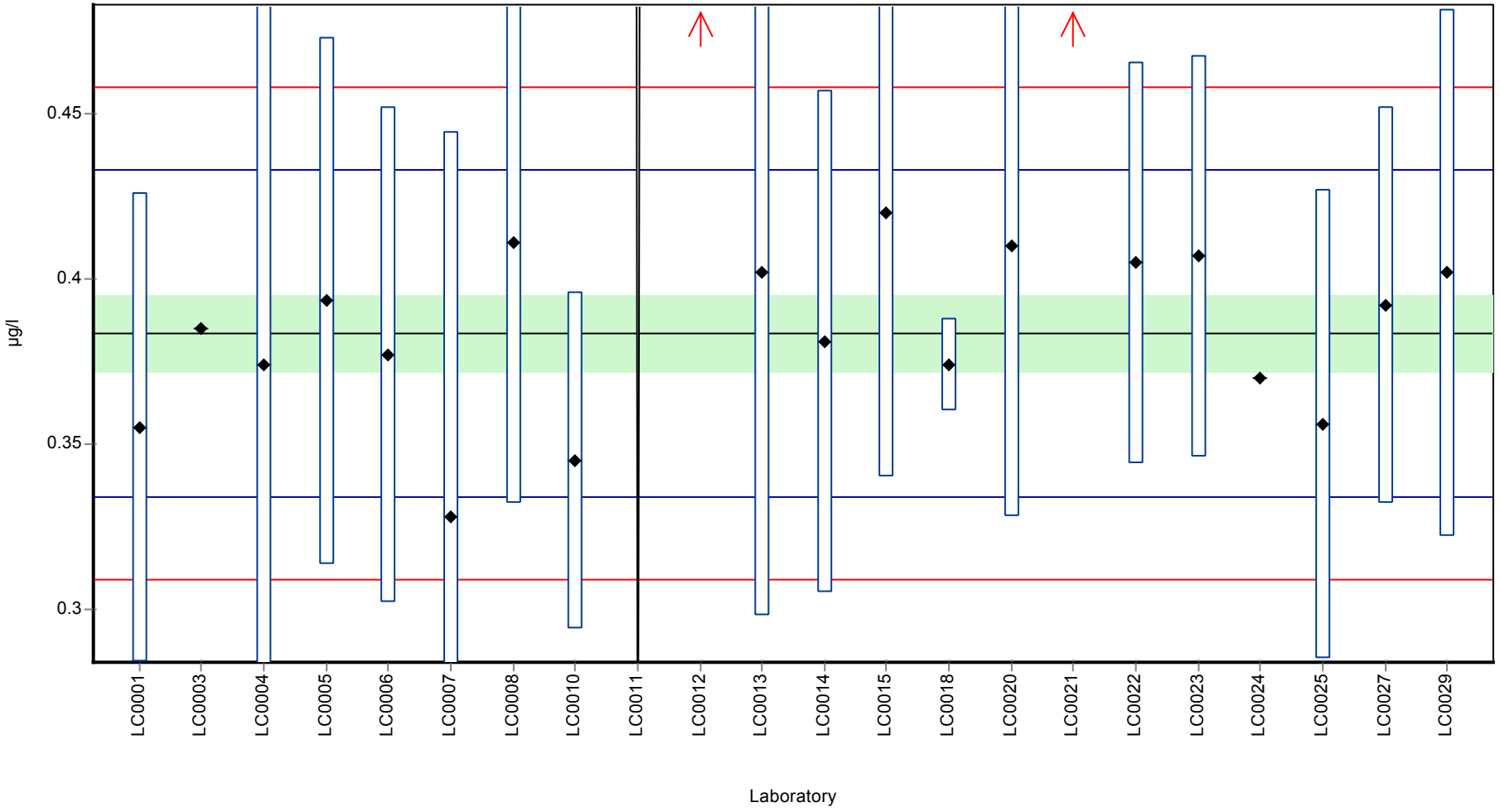
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.355	0.071	92.6	-1.15	
LC0002	-	-	-	-	
LC0003	0.385	-	100	0.06	
LC0004	0.374	0.112	97.5	-0.38	
LC0005	0.3935	0.08	103	0.4	
LC0006	0.377	0.075	98.3	-0.26	
LC0007	0.32815	0.1165	85.6	-2.22	
LC0008	0.411	0.079	107	1.1	
LC0009	-	-	-	-	
LC0010	0.345	0.051	89.9	-1.55	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	0.564	-	147	7.24	H
LC0013	0.402	0.104	105	0.74	
LC0014	0.381	0.076	99.3	-0.1	
LC0015	0.42	0.08	110	1.46	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.374	0.014	97.5	-0.38	
LC0019	-	-	-	-	
LC0020	0.41	0.082	107	1.06	
LC0021	0.495	0.049	129	4.47	H
LC0022	0.405	0.061	106	0.86	
LC0023	0.407	0.061	106	0.94	
LC0024	0.37	-	96.5	-0.54	
LC0025	0.356	0.071	92.8	-1.11	
LC0026	-	-	-	-	
LC0027	0.392	0.06	102	0.34	
LC0028	-	-	-	-	
LC0029	0.402	0.08	105	0.74	
LC0030	-	-	-	-	

Characteristics of parameter

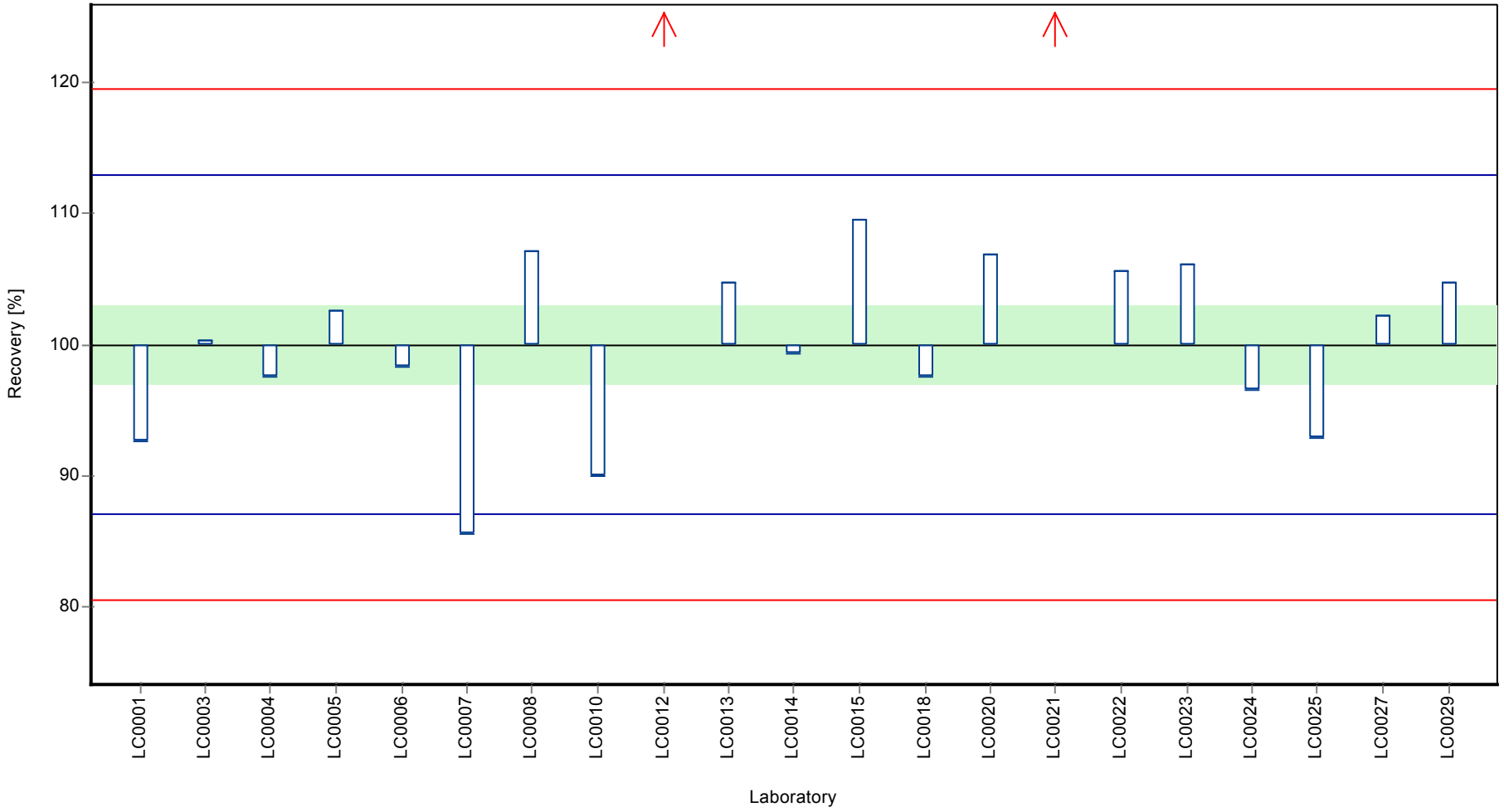
	all results	without outliers	Unit
Mean ± CI (99%)	0.397 ± 0.0334	0.384 ± 0.0172	µg/l
Minimum	0.328	0.328	µg/l
Maximum	0.564	0.42	µg/l
Standard deviation	0.051	0.0249	µg/l
rel. Standard deviation	12.8	6.5	%
n	21	19	-

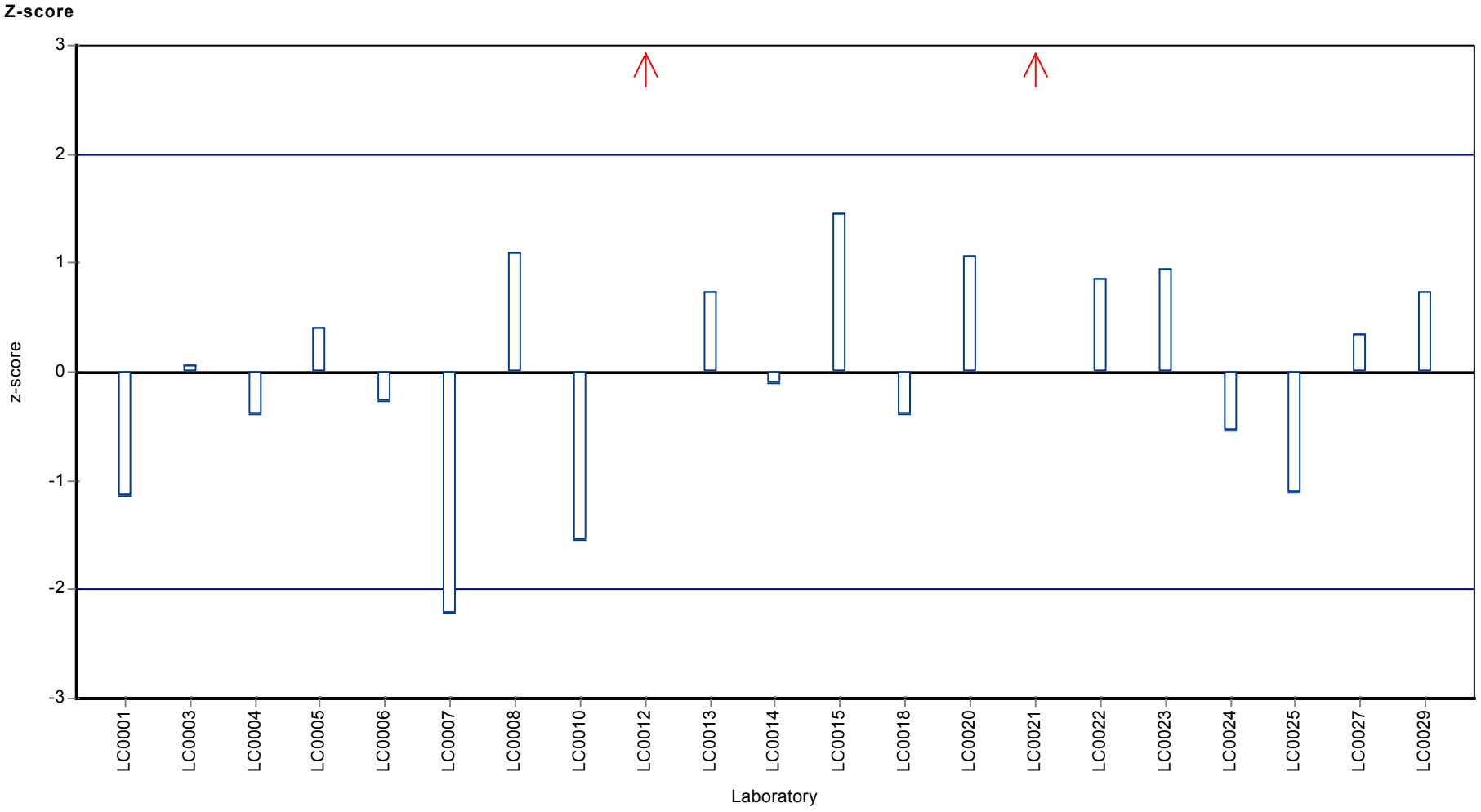
Graphical presentation of results

Results



Recovery rate




Z-score
3
2
1
0
-1
-2
-3
z-score
LC0001
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0012
LC0013
LC0014
LC0015
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
LC0029
Laboratory

Parameter oriented report

H94 B

Terbutryn

Unit	µg/l
Mean ± CI (99%)	0.753 ± 0.043
Minimum - Maximum	0.635 - 0.88
Control test value ± U	0.785 ± 0.0286

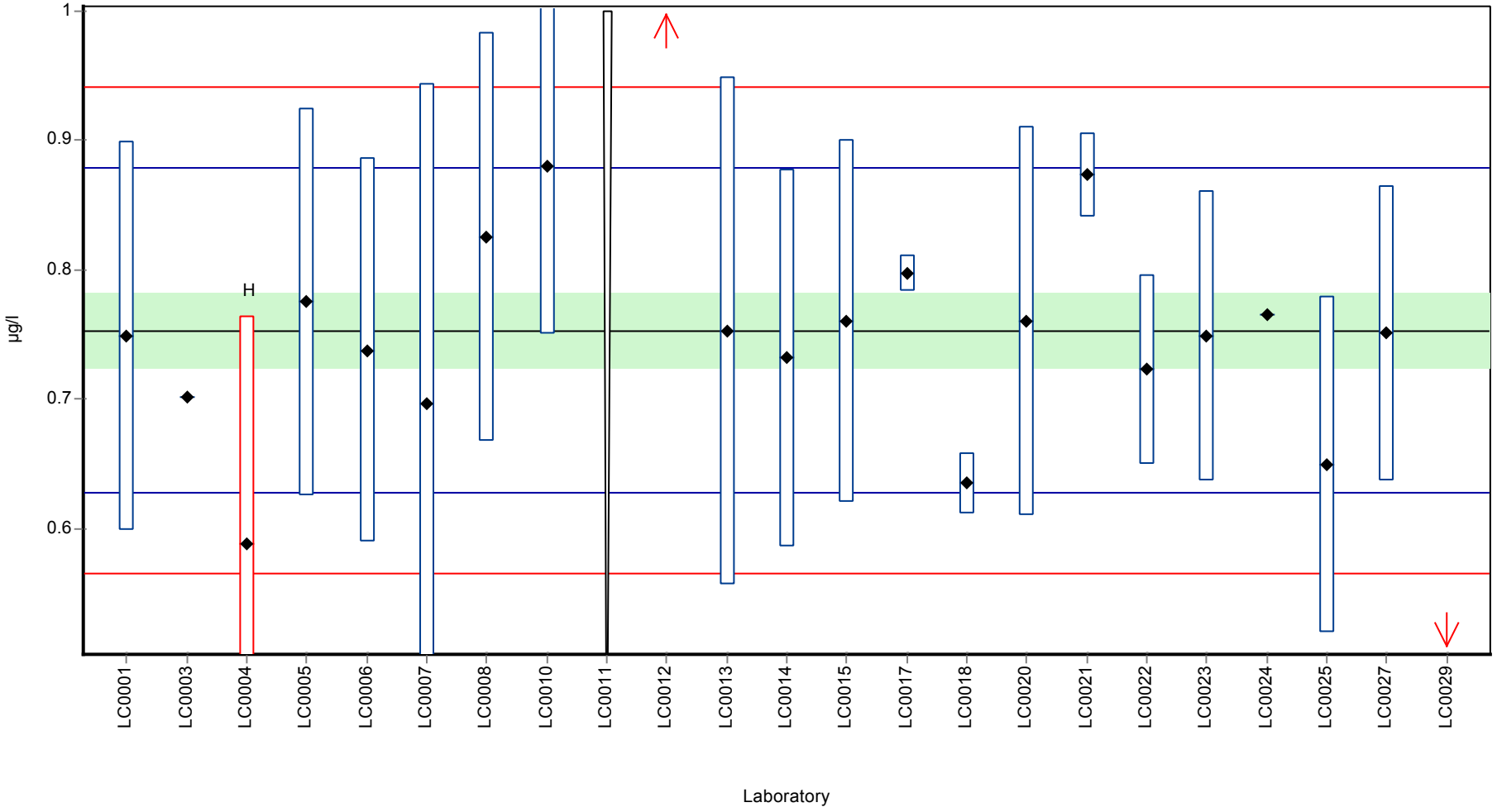
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.749	0.15	99.4	-0.07	
LC0002	-	-	-	-	
LC0003	0.702	-	93.2	-0.82	
LC0004	0.588	0.176	78.1	-2.64	H
LC0005	0.775	0.15	103	0.35	
LC0006	0.738	0.148	98	-0.24	
LC0007	0.69625	0.2472	92.4	-0.91	
LC0008	0.825	0.158	110	1.15	
LC0009	-	-	-	-	
LC0010	0.88	0.13	117	2.03	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	1.01	-	134	4.11	H
LC0013	0.753	0.196	100	-0.01	
LC0014	0.732	0.146	97.2	-0.34	
LC0015	0.76	0.14	101	0.11	
LC0016	-	-	-	-	
LC0017	0.797	0.014	106	0.7	
LC0018	0.635	0.024	84.3	-1.89	
LC0019	-	-	-	-	
LC0020	0.76	0.15	101	0.11	
LC0021	0.873	0.032	116	1.91	
LC0022	0.723	0.073	96	-0.48	
LC0023	0.749	0.112	99.4	-0.07	
LC0024	0.765	-	102	0.19	
LC0025	0.65	0.13	86.3	-1.65	
LC0026	-	-	-	-	
LC0027	0.751	0.114	99.7	-0.04	
LC0028	-	-	-	-	
LC0029	<0.026 (LOD)	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

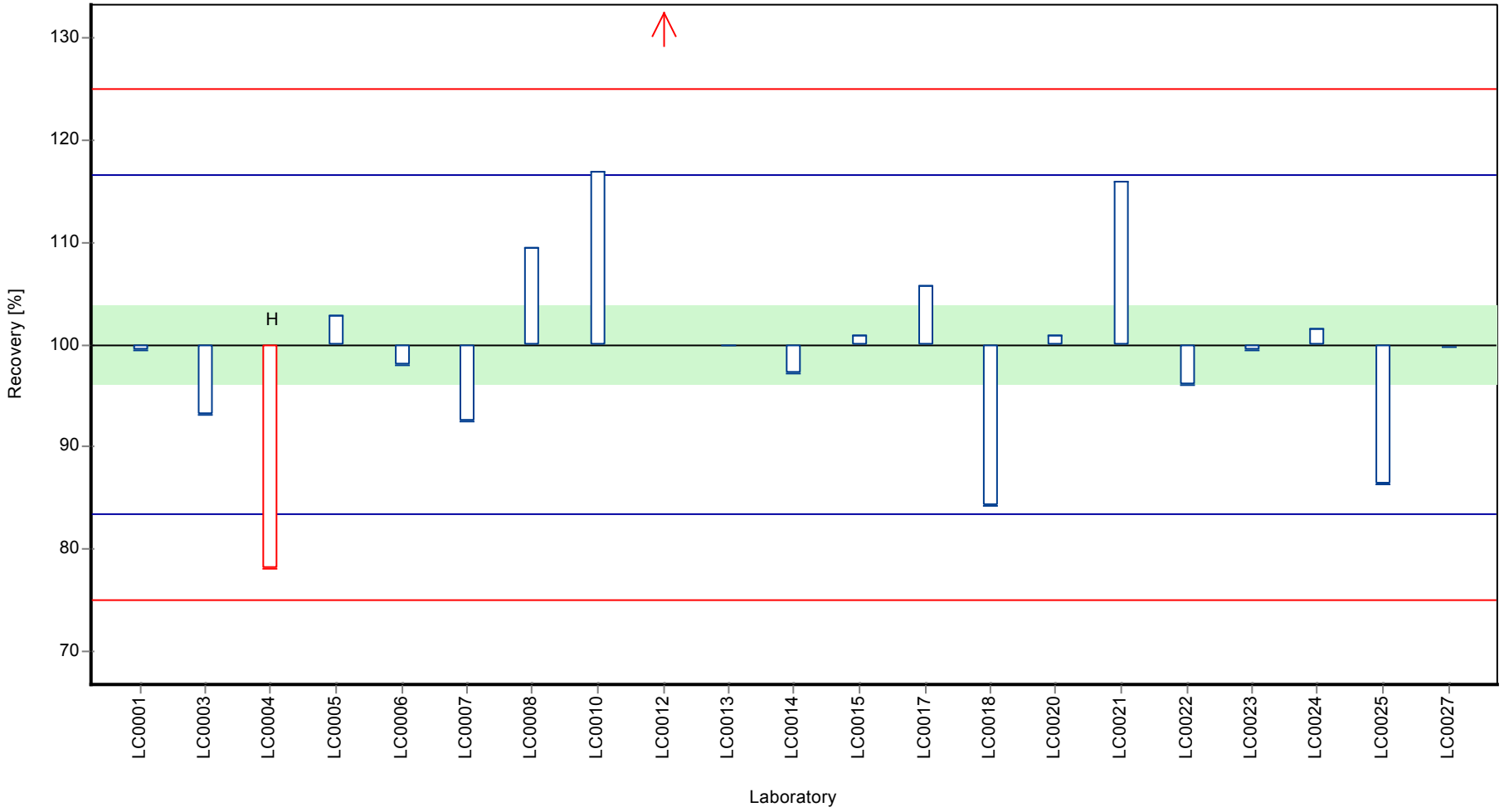
	all results	without outliers	Unit
Mean ± CI (99%)	0.758 ± 0.0591	0.753 ± 0.043	µg/l
Minimum	0.588	0.635	µg/l
Maximum	1.01	0.88	µg/l
Standard deviation	0.0903	0.0625	µg/l
rel. Standard deviation	11.9	8.3	%
n	21	19	-

Graphical presentation of results

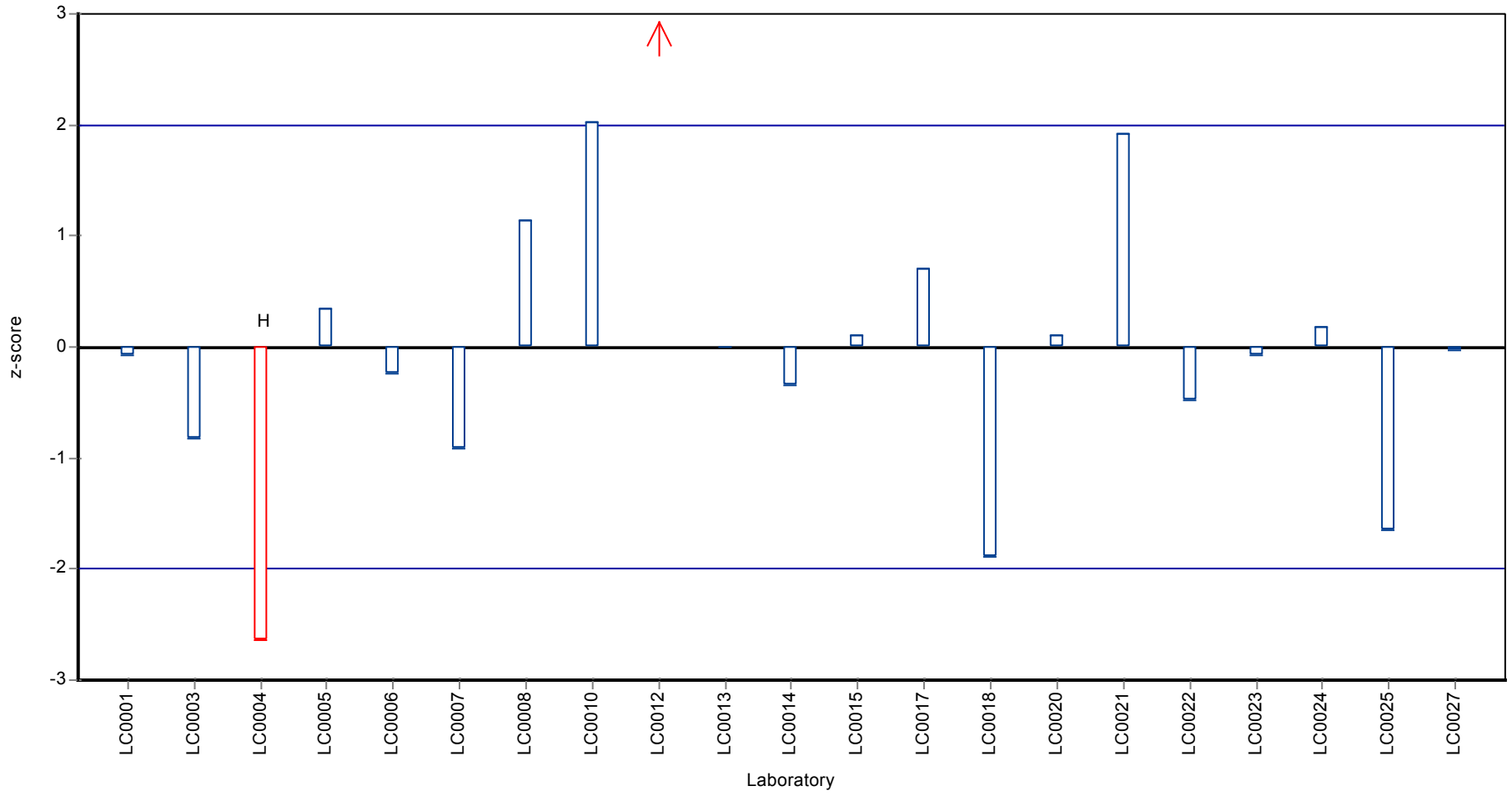
Results



Recovery rate



Z-score


3
2
1
0
-1
-2
-3
z-score
H
LC0001
LC0003
LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0012
LC0013
LC0014
LC0015
LC0017
LC0018
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0027
Laboratory

8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

The following results were achieved:

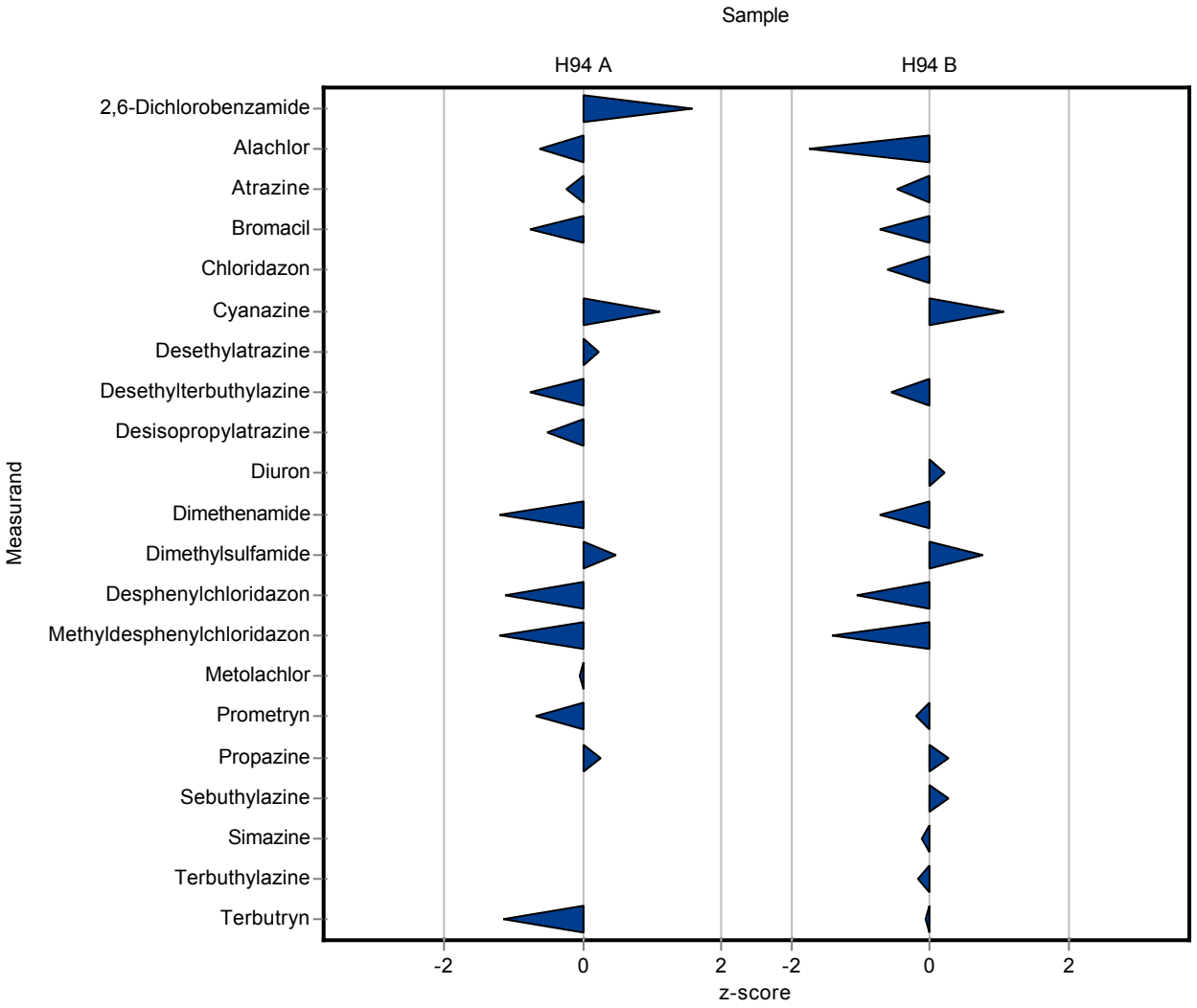
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.647	0.129	0.0612	118	1.59
Alachlor	µg/l	0.343	±	0.0247	0.322	0.064	0.0329	93.9	-0.63
Atrazine	µg/l	0.464	±	0.0232	0.454	0.091	0.0409	97.8	-0.25
Bromacil	µg/l	0.737	±	0.0683	0.666	0.133	0.091	90.3	-0.78
Chloridazon	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.737	0.147	0.0993	117	1.1
Desethylatrazine	µg/l	1.17	±	0.1	1.21	0.243	0.167	103	0.23
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.602	0.12	0.0544	93.6	-0.76
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.155	0.031	0.0195	93.9	-0.52
Diuron	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.346	0.069	0.0394	87.9	-1.2
Dimethylsulfamide	µg/l	0.358	±	0.137	0.411	0.082	0.112	115	0.48
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.245	0.049	0.0514	80.7	-1.14
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.098	0.018	0.0133	85.8	-1.22
Metolachlor	µg/l	0.0934	±	0.00656	0.093	0.019	0.0105	99.6	-0.04
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.349	0.07	0.0377	93.1	-0.69
Propazine	µg/l	0.151	±	0.0137	0.156	0.031	0.0219	103	0.24
Sebuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.355	0.071	0.0249	92.6	-1.15

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.49	0.098	0.0179	94	-1.75
Atrazine	µg/l	0.355	±	0.0194	0.34	0.068	0.0329	95.7	-0.47
Bromacil	µg/l	0.82	±	0.0795	0.747	0.149	0.103	91.1	-0.71
Chloridazon	µg/l	0.321	±	0.0282	0.299	0.06	0.0364	93.1	-0.61
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.167	0.033	0.0228	117	1.07
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.317	0.063	0.0205	96.6	-0.55
Desisopropylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.089	0.018	0.0117	103	0.21
Dimethenamide	µg/l	0.574	±	0.0518	0.533	0.107	0.0573	92.9	-0.71
Dimethylsulfamide	µg/l	0.395	±	0.0857	0.449	0.09	0.07	114	0.77
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.242	0.048	0.0413	84.6	-1.06
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.018	0.004	0.00172	88.1	-1.41
Metolachlor	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.709	0.142	0.0484	98.8	-0.18
Propazine	µg/l	0.28	±	0.0144	0.286	0.057	0.022	102	0.27
Sebuthylazine	µg/l	0.17	±	0.0119	0.174	0.035	0.0144	102	0.28
Simazine	µg/l	0.551	±	0.0366	0.544	0.109	0.0622	98.6	-0.12
Terbuthylazine	µg/l	0.0948	±	0.00676	0.093	0.019	0.011	98.1	-0.16
Terbutryn	µg/l	0.753	±	0.043	0.749	0.15	0.0625	99.4	-0.07


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Dimethylsulfamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
-2
0
2
-2
0
2
z-score

The following results were achieved:

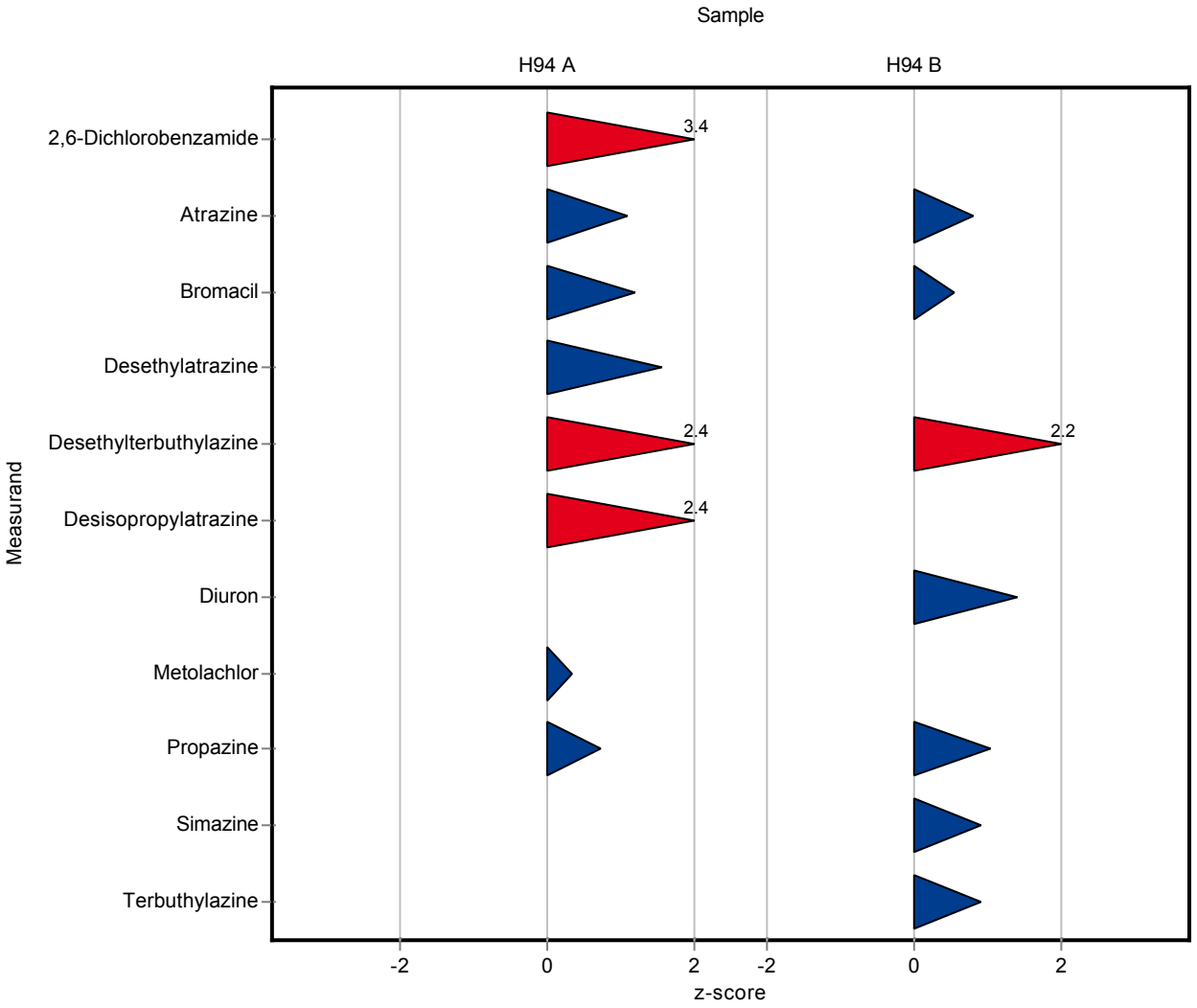
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.755	0.012	0.0612	137	3.35
Alachlor	µg/l	0.343	±	0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	0.509	0.01	0.0409	110	1.1
Bromacil	µg/l	0.737	±	0.0683	0.846	0.01	0.091	115	1.19
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	±	0.1	1.434	0.012	0.167	122	1.57
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.774	0.015	0.0544	120	2.4
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.212	0.01	0.0195	128	2.4
Diuron	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.097	0.015	0.0105	104	0.34
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	0.167	0.01	0.0219	111	0.74
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	0.382	0.01	0.0329	107	0.81
Bromacil	µg/l	0.82	±	0.0795	0.875	0.01	0.103	107	0.53
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.374	0.015	0.0205	114	2.24
Desisopropylatrazine	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.103	0.01	0.0117	119	1.41
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	0.303	0.01	0.022	108	1.05
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.608	0.01	0.0622	110	0.91
Terbuthylazine	µg/l	0.0948	±	0.00676	0.105	0.01	0.011	111	0.92
Terbutryn	µg/l	0.753	±	0.043	-	-	0.0625	-	-


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Atrazine
Bromacil
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Metolachlor
Propazine
Simazine
Terbuthylazine
Measurand
3.4
2.4
2.4
2.2
-2
0
2
-2
0
2
z-score

The following results were achieved:

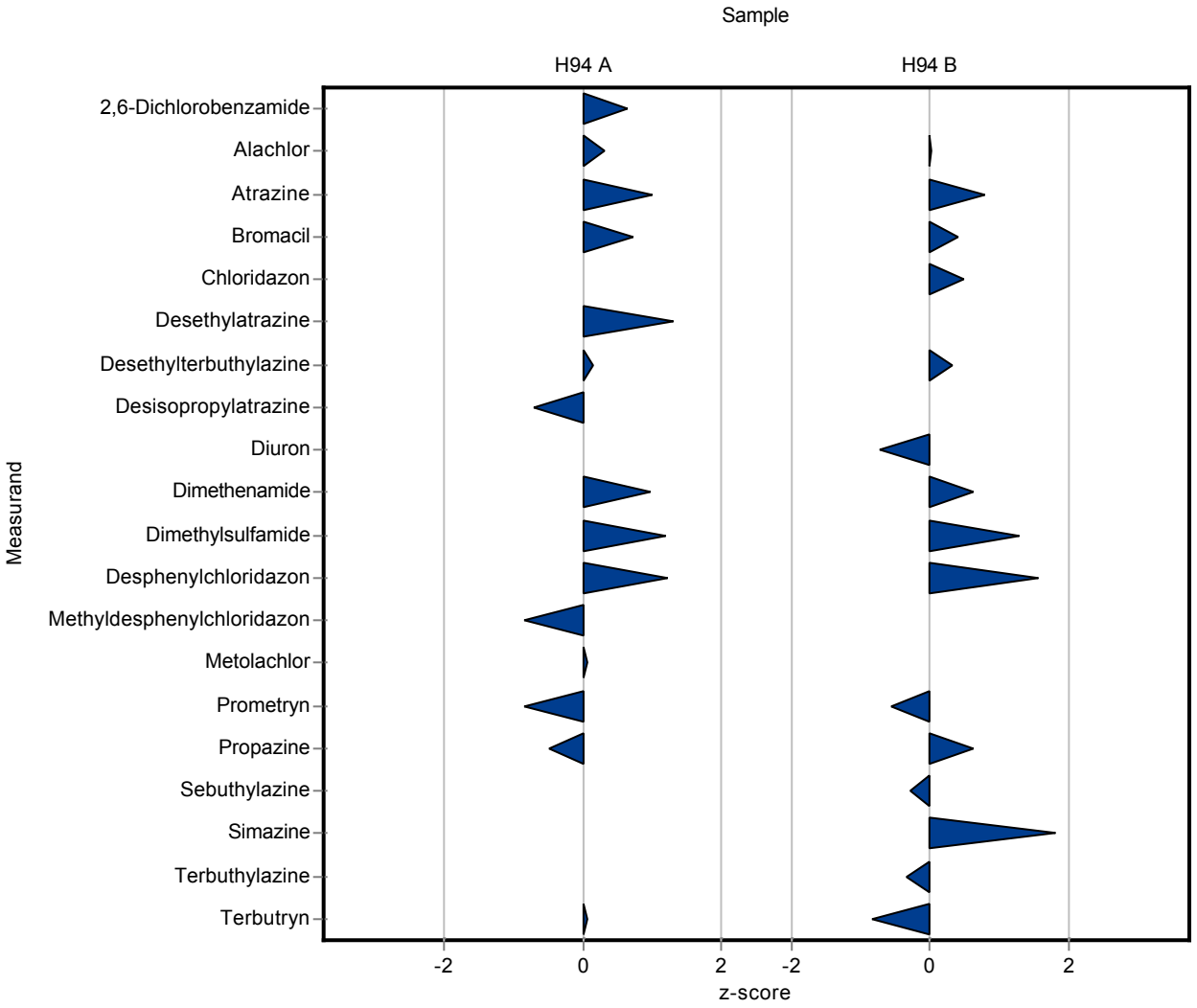
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.589	-	0.0612	107	0.64
Alachlor	µg/l	0.343	±	0.0247	0.353	-	0.0329	103	0.31
Atrazine	µg/l	0.464	±	0.0232	0.505	-	0.0409	109	1
Bromacil	µg/l	0.737	±	0.0683	0.804	-	0.091	109	0.73
Chloridazon	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	±	0.1	1.39	-	0.167	119	1.31
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.651	-	0.0544	101	0.14
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.151	-	0.0195	91.4	-0.72
Diuron	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.432	-	0.0394	110	0.98
Dimethylsulfamide	µg/l	0.358	±	0.137	0.489	-	0.112	137	1.18
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.366	-	0.0514	121	1.22
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.103	-	0.0133	90.2	-0.84
Metolachlor	µg/l	0.0934	±	0.00656	0.094	-	0.0105	101	0.06
Nicosulfurone	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.343	-	0.0377	91.5	-0.84
Propazine	µg/l	0.151	±	0.0137	0.14	-	0.0219	92.9	-0.49
Sebuthylazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.385	-	0.0249	100	0.06

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.522	-	0.0179	100	0.04
Atrazine	µg/l	0.355	±	0.0194	0.382	-	0.0329	107	0.81
Bromacil	µg/l	0.82	±	0.0795	0.863	-	0.103	105	0.42
Chloridazon	µg/l	0.321	±	0.0282	0.339	-	0.0364	106	0.49
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.335	-	0.0205	102	0.33
Desisopropylatrazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.078	-	0.0117	90.2	-0.73
Dimethenamide	µg/l	0.574	±	0.0518	0.61	-	0.0573	106	0.64
Dimethylsulfamide	µg/l	0.395	±	0.0857	0.485	-	0.07	123	1.29
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.351	-	0.0413	123	1.57
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	<0.05 (LOQ)	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.691	-	0.0484	96.2	-0.56
Propazine	µg/l	0.28	±	0.0144	0.294	-	0.022	105	0.64
Sebuthylazine	µg/l	0.17	±	0.0119	0.166	-	0.0144	97.6	-0.28
Simazine	µg/l	0.551	±	0.0366	0.664	-	0.0622	120	1.81
Terbuthylazine	µg/l	0.0948	±	0.00676	0.091	-	0.011	96	-0.34
Terbutryn	µg/l	0.753	±	0.043	0.702	-	0.0625	93.2	-0.82


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Dimethylsulfamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
-2
0
2
-2
0
2
z-score

The following results were achieved:

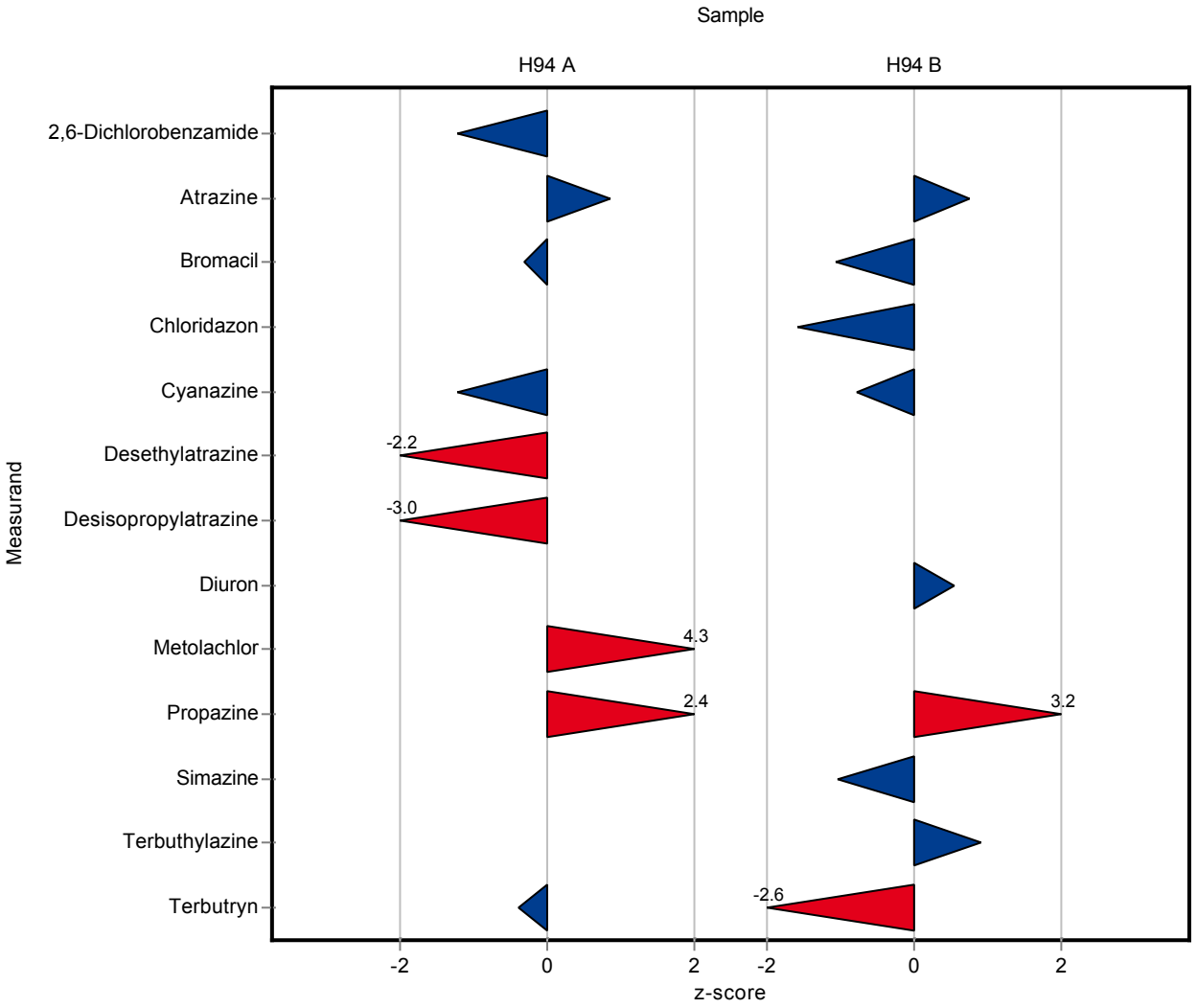
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.475	0.143	0.0612	86.4	-1.22
Alachlor	µg/l	0.343	±	0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	0.499	0.15	0.0409	107	0.85
Bromacil	µg/l	0.737	±	0.0683	0.708	0.212	0.091	96	-0.32
Chloridazon	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.505	0.151	0.0993	80.5	-1.23
Desethylatrazine	µg/l	1.17	±	0.1	0.8	0.24	0.167	68.2	-2.23
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.106	0.032	0.0195	64.2	-3.03
Diuron	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.138	0.041	0.0105	148	4.25
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	0.204	0.061	0.0219	135	2.43
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	0.008	0.003	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.374	0.112	0.0249	97.5	-0.38

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.001 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	0.38	0.114	0.0329	107	0.75
Bromacil	µg/l	0.82	±	0.0795	0.712	0.214	0.103	86.8	-1.05
Chloridazon	µg/l	0.321	±	0.0282	0.263	0.079	0.0364	81.9	-1.59
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.125	0.038	0.0228	87.7	-0.77
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	±	-	<0.002 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.093	0.028	0.0117	107	0.55
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.005 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	0.351	0.105	0.022	125	3.23
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.486	0.146	0.0622	88.1	-1.05
Terbuthylazine	µg/l	0.0948	±	0.00676	0.105	0.031	0.011	111	0.92
Terbutryn	µg/l	0.753	±	0.043	0.588	0.176	0.0625	78.1	-2.64


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desisopropylatrazine
Diuron
Metolachlor
Propazine
Simazine
Terbuthylazine
Terbutryn
-2.2
-3.0
4.3
2.4
3.2
-2.6
-2
0
2
z-score

The following results were achieved:

Sample: H94A

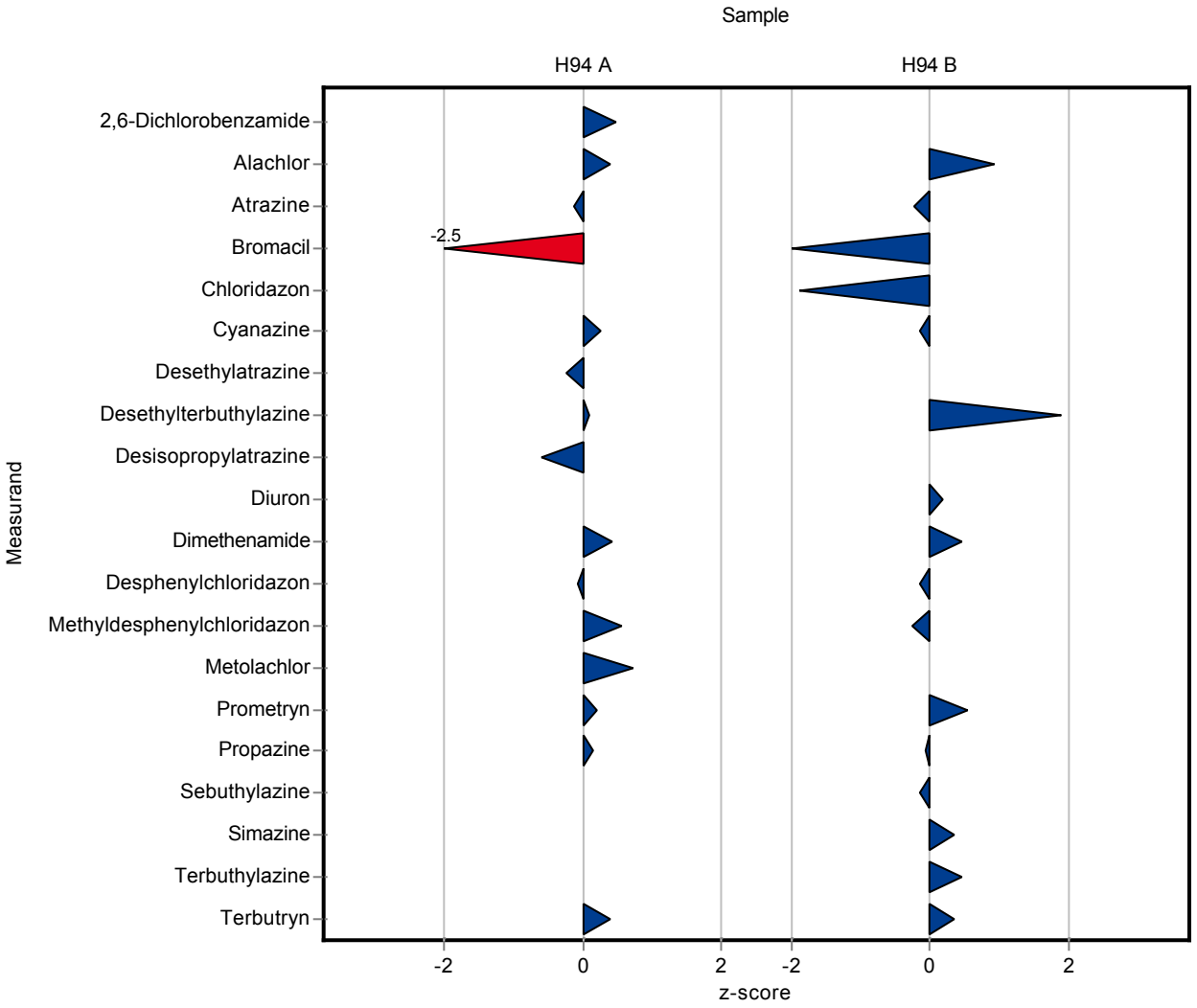
Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.5793	0.11	0.0612	105	0.48
Alachlor	µg/l	0.343	±	0.0247	0.356	0.07	0.0329	104	0.4
Atrazine	µg/l	0.464	±	0.0232	0.4589	0.09	0.0409	98.9	-0.13
Bromacil	µg/l	0.737	±	0.0683	0.5139	0.1	0.091	69.7	-2.45
Chloridazon	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.6528	0.13	0.0993	104	0.26
Desethylatrazine	µg/l	1.17	±	0.1	1.133	0.16	0.167	96.6	-0.24
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.6487	0.12	0.0544	101	0.1
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.1532	0.03	0.0195	92.8	-0.61
Diuron	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.4097	0.08	0.0394	104	0.41
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.2992	0.07	0.0514	98.6	-0.08
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.1217	0.02	0.0133	107	0.57
Metolachlor	µg/l	0.0934	±	0.00656	0.101	0.015	0.0105	108	0.72
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.3825	0.07	0.0377	102	0.2
Propazine	µg/l	0.151	±	0.0137	0.154	0.03	0.0219	102	0.15
Sebuthylazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.3935	0.08	0.0249	103	0.4

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.538	0.12	0.0179	103	0.93
Atrazine	µg/l	0.355	±	0.0194	0.3477	0.07	0.0329	97.8	-0.23
Bromacil	µg/l	0.82	±	0.0795	0.6172	0.12	0.103	75.3	-1.98
Chloridazon	µg/l	0.321	±	0.0282	0.2524	0.05	0.0364	78.6	-1.89
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.1395	0.03	0.0228	97.9	-0.13
Desethylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-

Summary of results Pesticides H94 Laboratory: LC0005

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.3673	0.07	0.0205	112	1.91
Desisopropylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.0888	0.016	0.0117	103	0.2
Dimethenamide	µg/l	0.574	±	0.0518	0.6009	0.12	0.0573	105	0.48
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.2802	0.06	0.0413	98	-0.14
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.02	0.005	0.00172	97.9	-0.25
Metolachlor	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.745	0.15	0.0484	104	0.56
Propazine	µg/l	0.28	±	0.0144	0.279	0.06	0.022	99.6	-0.05
Sebuthylazine	µg/l	0.17	±	0.0119	0.168	0.03	0.0144	98.8	-0.14
Simazine	µg/l	0.551	±	0.0366	0.5735	0.11	0.0622	104	0.35
Terbuthylazine	µg/l	0.0948	±	0.00676	0.1	0.02	0.011	105	0.47
Terbutryn	µg/l	0.753	±	0.043	0.775	0.15	0.0625	103	0.35


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
Measurand
-2.5
-2
0
2
-2
0
2
z-score

The following results were achieved:

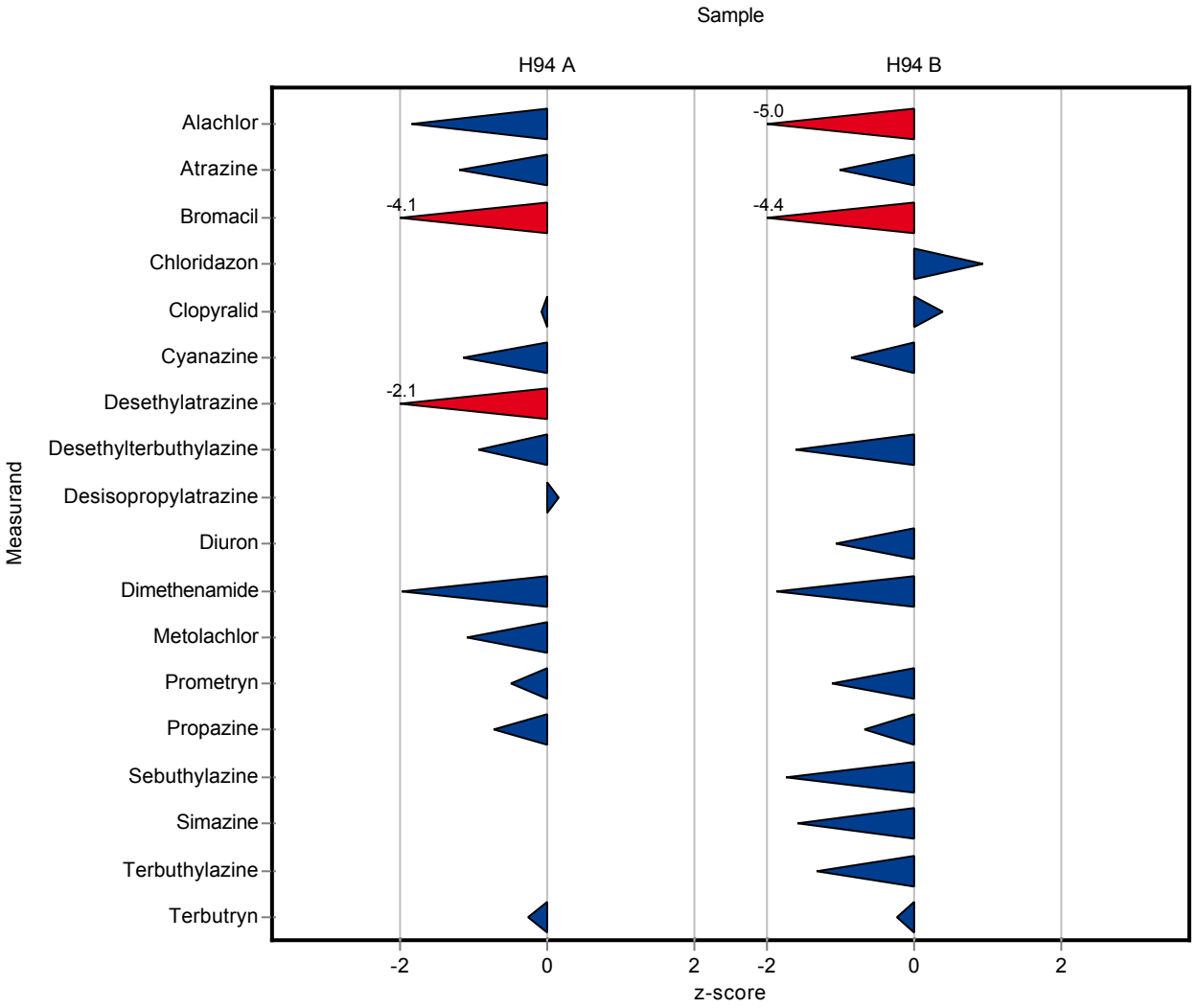
Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	± 0.0247	0.282	0.056	0.0329	82.3	-1.85
Atrazine	µg/l	0.464	± 0.0232	0.415	0.083	0.0409	89.4	-1.2
Bromacil	µg/l	0.737	± 0.0683	0.366	0.073	0.091	49.6	-4.08
Chloridazon	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	0.453	0.091	0.0638	98.8	-0.08
Cyanazine	µg/l	0.627	± 0.0666	0.513	0.103	0.0993	81.8	-1.15
Desethylatrazine	µg/l	1.17	± 0.1	0.82	0.164	0.167	69.9	-2.11
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	0.592	0.118	0.0544	92	-0.94
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.168	0.034	0.0195	102	0.15
Diuron	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	0.315	0.063	0.0394	80.1	-1.99
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	0.082	0.016	0.0105	87.8	-1.09
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	0.356	0.071	0.0377	95	-0.5
Propazine	µg/l	0.151	± 0.0137	0.135	0.027	0.0219	89.5	-0.72
Sebuthylazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Simazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	0.377	0.075	0.0249	98.3	-0.26

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	-	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	0.432	0.086	0.0179	82.9	-4.98
Atrazine	µg/l	0.355	± 0.0194	0.322	0.064	0.0329	90.6	-1.01
Bromacil	µg/l	0.82	± 0.0795	0.368	0.074	0.103	44.9	-4.41
Chloridazon	µg/l	0.321	± 0.0282	0.355	0.071	0.0364	111	0.93
Clopyralid	µg/l	0.609	± 0.0638	0.63	0.126	0.0521	103	0.4
Cyanazine	µg/l	0.143	± 0.0157	0.123	0.025	0.0228	86.3	-0.86
Desethylatrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.295	0.059	0.0205	89.9	-1.62
Desisopropylatrazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.074	0.015	0.0117	85.5	-1.07
Dimethenamide	µg/l	0.574	±	0.0518	0.466	0.093	0.0573	81.3	-1.88
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.664	0.133	0.0484	92.5	-1.12
Propazine	µg/l	0.28	±	0.0144	0.265	0.053	0.022	94.6	-0.68
Sebuthylazine	µg/l	0.17	±	0.0119	0.145	0.029	0.0144	85.3	-1.74
Simazine	µg/l	0.551	±	0.0366	0.452	0.09	0.0622	82	-1.6
Terbuthylazine	µg/l	0.0948	±	0.00676	0.08	0.016	0.011	84.4	-1.34
Terbutryn	µg/l	0.753	±	0.043	0.738	0.148	0.0625	98	-0.24


Sample
H94 A
H94 B
Measurand
Alachlor
Atrazine
Bromacil
Chloridazon
Clopyralid
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
-4.1
-2.1
-5.0
-4.4
-2
0
2
z-score

The following results were achieved:

Sample: H94A

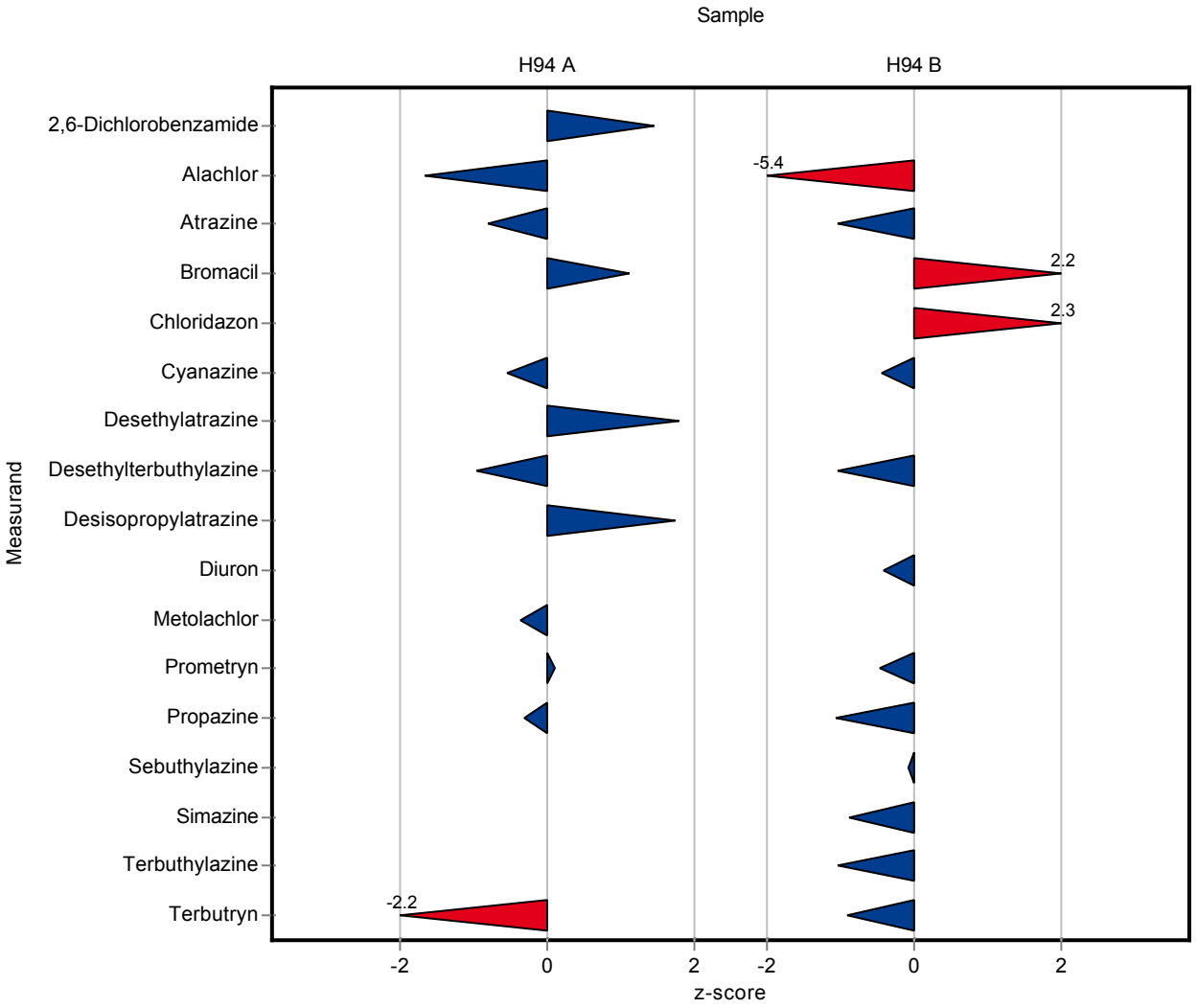
Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.6391	0.3162	0.0612	116	1.46
Alachlor	µg/l	0.343	±	0.0247	0.2877	0.1145	0.0329	83.9	-1.67
Atrazine	µg/l	0.464	±	0.0232	0.4312	0.0532	0.0409	92.9	-0.81
Bromacil	µg/l	0.737	±	0.0683	0.8386	0.2248	0.091	114	1.11
Chloridazon	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.5723	0.2412	0.0993	91.2	-0.56
Desethylatrazine	µg/l	1.17	±	0.1	1.4737	0.4079	0.167	126	1.81
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.5913	0.2154	0.0544	91.9	-0.96
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.19935	0.0722	0.0195	121	1.75
Diuron	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.08955	0.0287	0.0105	95.9	-0.37
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.3787	0.0937	0.0377	101	0.1
Propazine	µg/l	0.151	±	0.0137	0.1439	0.0387	0.0219	95.4	-0.31
Sebuthylazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.32815	0.1165	0.0249	85.6	-2.22

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.4238	0.1687	0.0179	81.3	-5.44
Atrazine	µg/l	0.355	±	0.0194	0.3213	0.0396	0.0329	90.4	-1.04
Bromacil	µg/l	0.82	±	0.0795	1.0476	0.2809	0.103	128	2.22
Chloridazon	µg/l	0.321	±	0.0282	0.4041	0.1151	0.0364	126	2.28
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.1326	0.0559	0.0228	93	-0.44
Desethylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-

Summary of results Pesticides H94 Laboratory: LC0007

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.3068	0.1118	0.0205	93.5	-1.05
Desisopropylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.0816	0.0168	0.0117	94.3	-0.42
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.6954	0.172	0.0484	96.9	-0.47
Propazine	µg/l	0.28	±	0.0144	0.2566	0.0689	0.022	91.6	-1.07
Sebuthylazine	µg/l	0.17	±	0.0119	0.169	0.0379	0.0144	99.4	-0.07
Simazine	µg/l	0.551	±	0.0366	0.4964	0.1308	0.0622	90	-0.89
Terbuthylazine	µg/l	0.0948	±	0.00676	0.0834	0.0295	0.011	88	-1.03
Terbutryn	µg/l	0.753	±	0.043	0.69625	0.2472	0.0625	92.4	-0.91


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
-5.4
2.2
2.3
-2.2
-2
0
2
z-score

The following results were achieved:

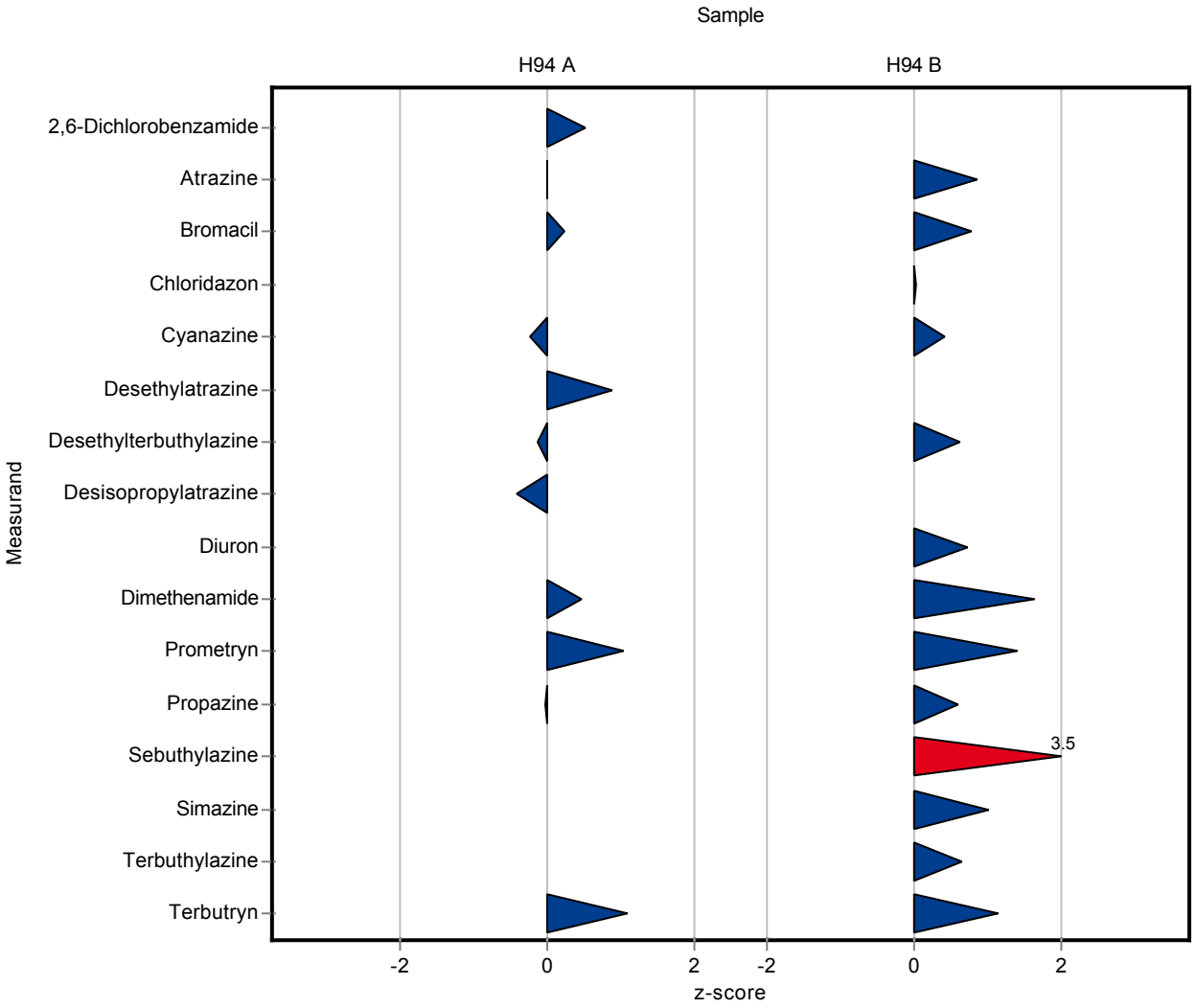
Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	0.582	0.094	0.0612	106	0.53
Alachlor	µg/l	0.343	± 0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	± 0.0232	0.464	0.076	0.0409	100	-0.01
Bromacil	µg/l	0.737	± 0.0683	0.758	0.097	0.091	103	0.23
Chloridazon	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	0.605	0.078	0.0993	96.4	-0.23
Desethylatrazine	µg/l	1.17	± 0.1	1.319	0.147	0.167	113	0.88
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	0.637	0.071	0.0544	99	-0.12
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.157	0.028	0.0195	95.1	-0.42
Diuron	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	0.412	0.062	0.0394	105	0.47
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	-	-	0.0105	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	0.414	0.05	0.0377	110	1.04
Propazine	µg/l	0.151	± 0.0137	0.15	0.028	0.0219	99.5	-0.04
Sebuthylazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Simazine	µg/l	-	± -	0.023	0.004	-	-	-
Terbuthylazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	0.411	0.079	0.0249	107	1.1

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	± 0.0194	0.384	0.063	0.0329	108	0.87
Bromacil	µg/l	0.82	± 0.0795	0.901	0.116	0.103	110	0.79
Chloridazon	µg/l	0.321	± 0.0282	0.322	0.058	0.0364	100	0.02
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	0.152	0.02	0.0228	107	0.41
Desethylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.341	0.038	0.0205	104	0.62
Desisopropylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.095	0.014	0.0117	110	0.72
Dimethenamide	µg/l	0.574	±	0.0518	0.667	0.1	0.0573	116	1.63
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.786	0.094	0.0484	109	1.41
Propazine	µg/l	0.28	±	0.0144	0.293	0.055	0.022	105	0.59
Sebuthylazine	µg/l	0.17	±	0.0119	0.22	0.029	0.0144	129	3.48
Simazine	µg/l	0.551	±	0.0366	0.614	0.114	0.0622	111	1.01
Terbuthylazine	µg/l	0.0948	±	0.00676	0.102	0.016	0.011	108	0.65
Terbutryn	µg/l	0.753	±	0.043	0.825	0.158	0.0625	110	1.15


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
3.5
-2
0
2
-2
0
2
z-score

The following results were achieved:

Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	± 0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	± 0.0232	-	-	0.0409	-	-
Bromacil	µg/l	0.737	± 0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	± 0.1	-	-	0.167	-	-
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	± 0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	± -	-	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	-	-	0.0105	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	± 0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	± -	-	-	-	-	-
Simazine	µg/l	-	± -	-	-	-	-	-
Terbuthylazine	µg/l	-	± -	-	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	-	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	± 0.0194	-	-	0.0329	-	-
Bromacil	µg/l	0.82	± 0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	± 0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	-	-	0.0117	-	-
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	-	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	-	-	0.0622	-	-
Terbuthylazine	µg/l	0.0948	±	0.00676	-	-	0.011	-	-
Terbutryn	µg/l	0.753	±	0.043	-	-	0.0625	-	-

The following results were achieved:

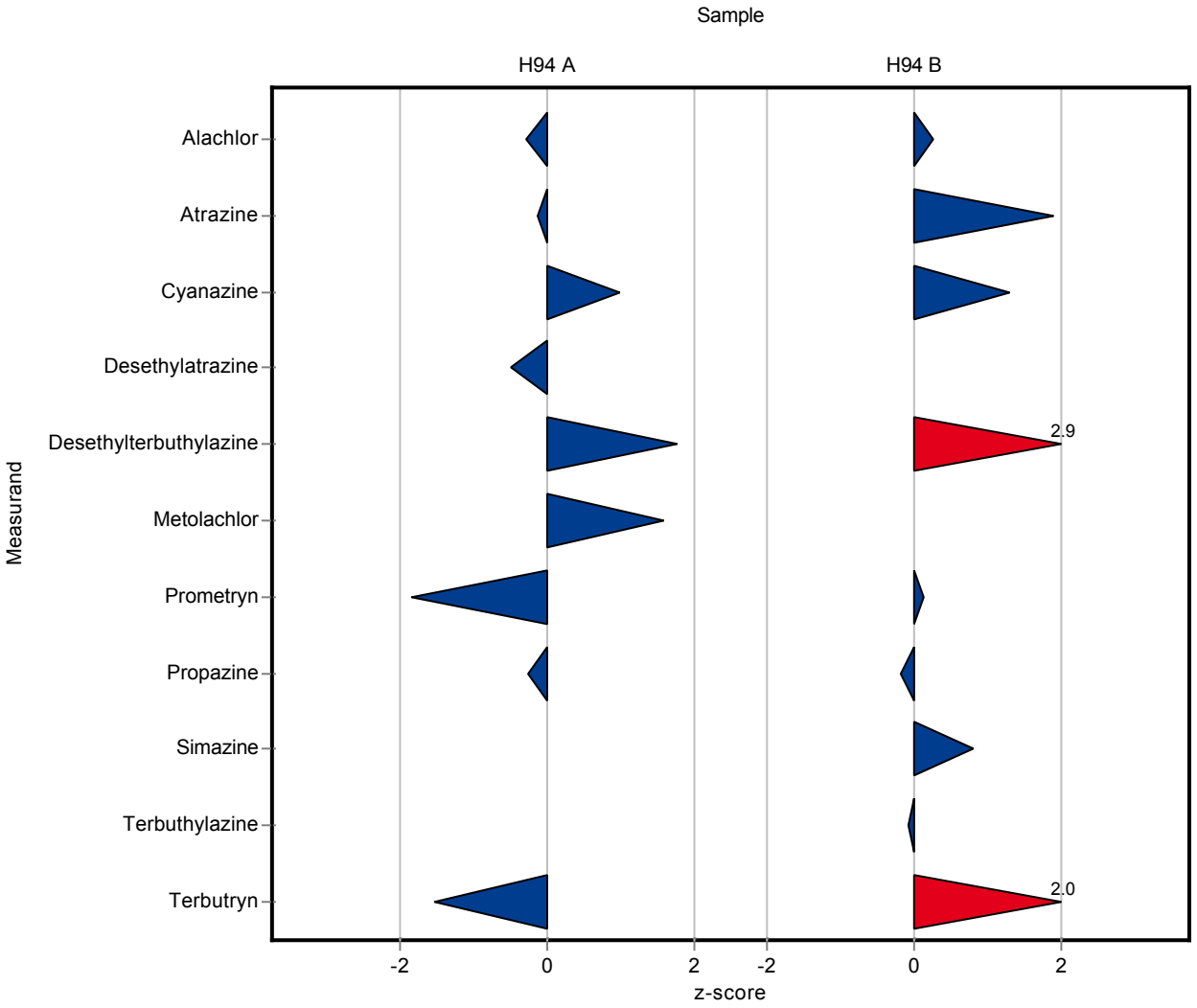
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	±	0.0247	0.333	0.043	0.0329	97.1	-0.3
Atrazine	µg/l	0.464	±	0.0232	0.459	0.059	0.0409	98.9	-0.13
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.726	0.093	0.0993	116	0.99
Desethylatrazine	µg/l	1.17	±	0.1	1.09	0.14	0.167	93	-0.49
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.74	0.11	0.0544	115	1.77
Desisopropylatrazine	µg/l	0.165	±	0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	±	-	-	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.11	0.017	0.0105	118	1.58
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.305	0.04	0.0377	81.4	-1.85
Propazine	µg/l	0.151	±	0.0137	0.145	0.016	0.0219	96.2	-0.26
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.345	0.051	0.0249	89.9	-1.55

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.526	0.067	0.0179	101	0.26
Atrazine	µg/l	0.355	±	0.0194	0.418	0.054	0.0329	118	1.9
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.172	0.023	0.0228	121	1.29
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.387	0.057	0.0205	118	2.87
Desisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	-	-	0.0117	-	-
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.724	0.093	0.0484	101	0.13
Propazine	µg/l	0.28	±	0.0144	0.276	0.028	0.022	98.6	-0.18
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.602	0.077	0.0622	109	0.81
Terbuthylazine	µg/l	0.0948	±	0.00676	0.094	0.0096	0.011	99.1	-0.07
Terbutryn	µg/l	0.753	±	0.043	0.88	0.13	0.0625	117	2.03


Sample
H94 A
H94 B
Alachlor
Atrazine
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Metolachlor
Prometryn
Propazine
Simazine
Terbuthylazine
Terbutryn
Measurand
2.9
2.0
-2
0
2
-2
0
2
z-score

The following results were achieved:

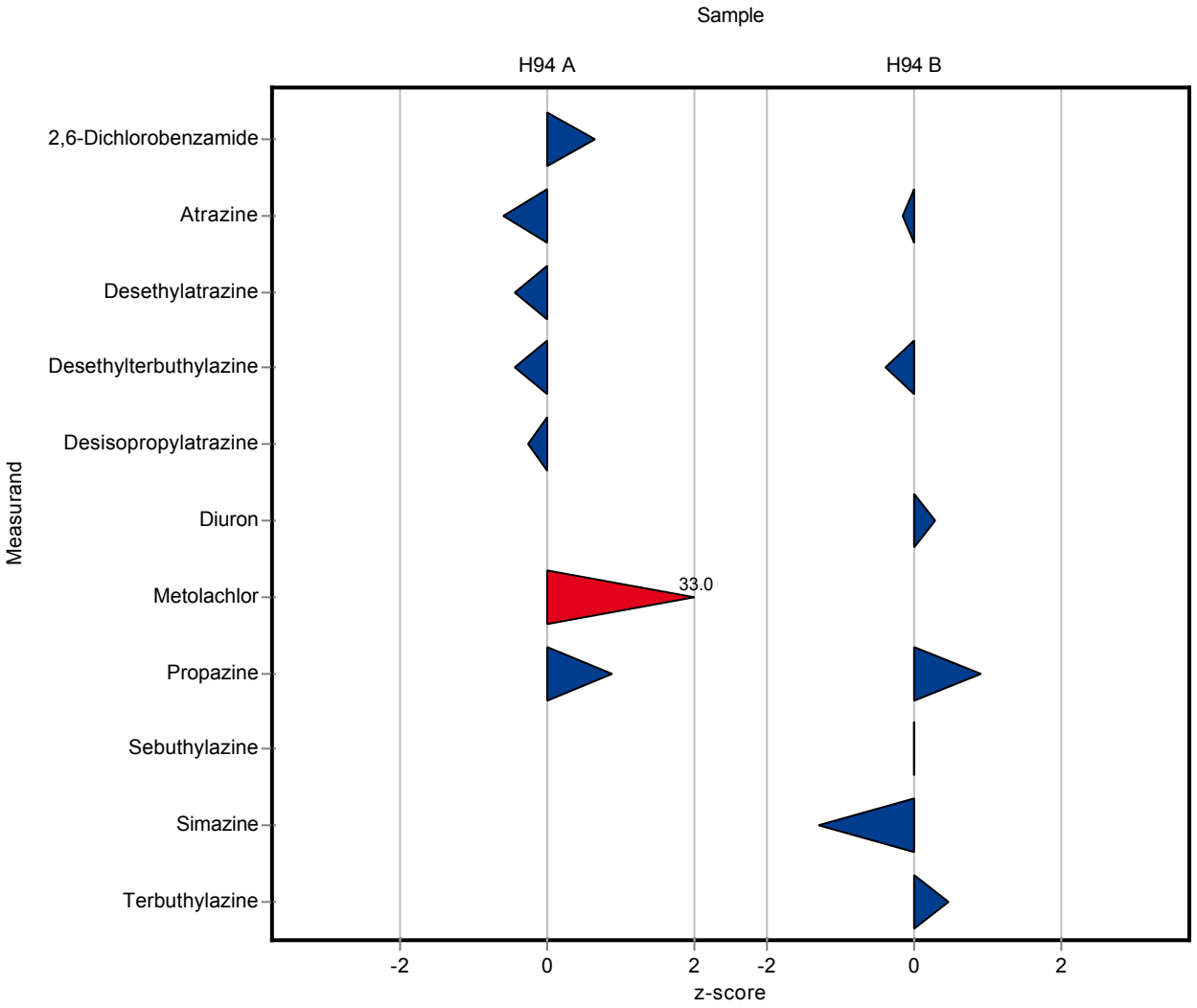
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.59	0.09	0.0612	107	0.66
Alachlor	µg/l	0.343	±	0.0247	<1 (LOQ)	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	0.44	0.07	0.0409	94.8	-0.59
Bromacil	µg/l	0.737	±	0.0683	<1 (LOQ)	-	0.091	-	-
Chloridazon	µg/l	-	±	-	<1 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	<1 (LOQ)	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	<1 (LOQ)	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	±	0.1	1.1	0.17	0.167	93.8	-0.43
Desethyldesisopropylatrazine	µg/l	-	±	-	<1 (LOQ)	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.62	0.09	0.0544	96.4	-0.43
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.16	0.02	0.0195	96.9	-0.26
Diuron	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	<1 (LOQ)	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	<1 (LOQ)	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	<1 (LOQ)	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	<1 (LOQ)	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.44	0.07	0.0105	471	33
Nicosulfurone	µg/l	-	±	-	<1 (LOQ)	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	<1 (LOQ)	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	0.17	0.03	0.0219	113	0.88
Sebuthylazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	<1 (LOQ)	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	<1 (LOQ)	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	0.35	0.05	0.0329	98.5	-0.16
Bromacil	µg/l	0.82	±	0.0795	<1 (LOQ)	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	<1 (LOQ)	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	<1 (LOQ)	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	<1 (LOQ)	-	0.0228	-	-
Desethylatrazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	<1 (LOQ)	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.32	0.05	0.0205	97.5	-0.4
Desisopropylatrazine	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.09	0.01	0.0117	104	0.3
Dimethenamide	µg/l	0.574	±	0.0518	<1 (LOQ)	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	<1 (LOQ)	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	<1 (LOQ)	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	<1 (LOQ)	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	0.55	0.08	-	-	-
Nicosulfurone	µg/l	-	±	-	<1 (LOQ)	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	<1 (LOQ)	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	0.3	0.05	0.022	107	0.91
Sebuthylazine	µg/l	0.17	±	0.0119	0.17	0.03	0.0144	100	0
Simazine	µg/l	0.551	±	0.0366	0.47	0.07	0.0622	85.2	-1.31
Terbuthylazine	µg/l	0.0948	±	0.00676	0.1	0.02	0.011	105	0.47
Terbutryn	µg/l	0.753	±	0.043	<1 (LOQ)	-	0.0625	-	-


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Atrazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Metolachlor
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Measurand
33.0
-2
0
2
-2
0
2
z-score

The following results were achieved:

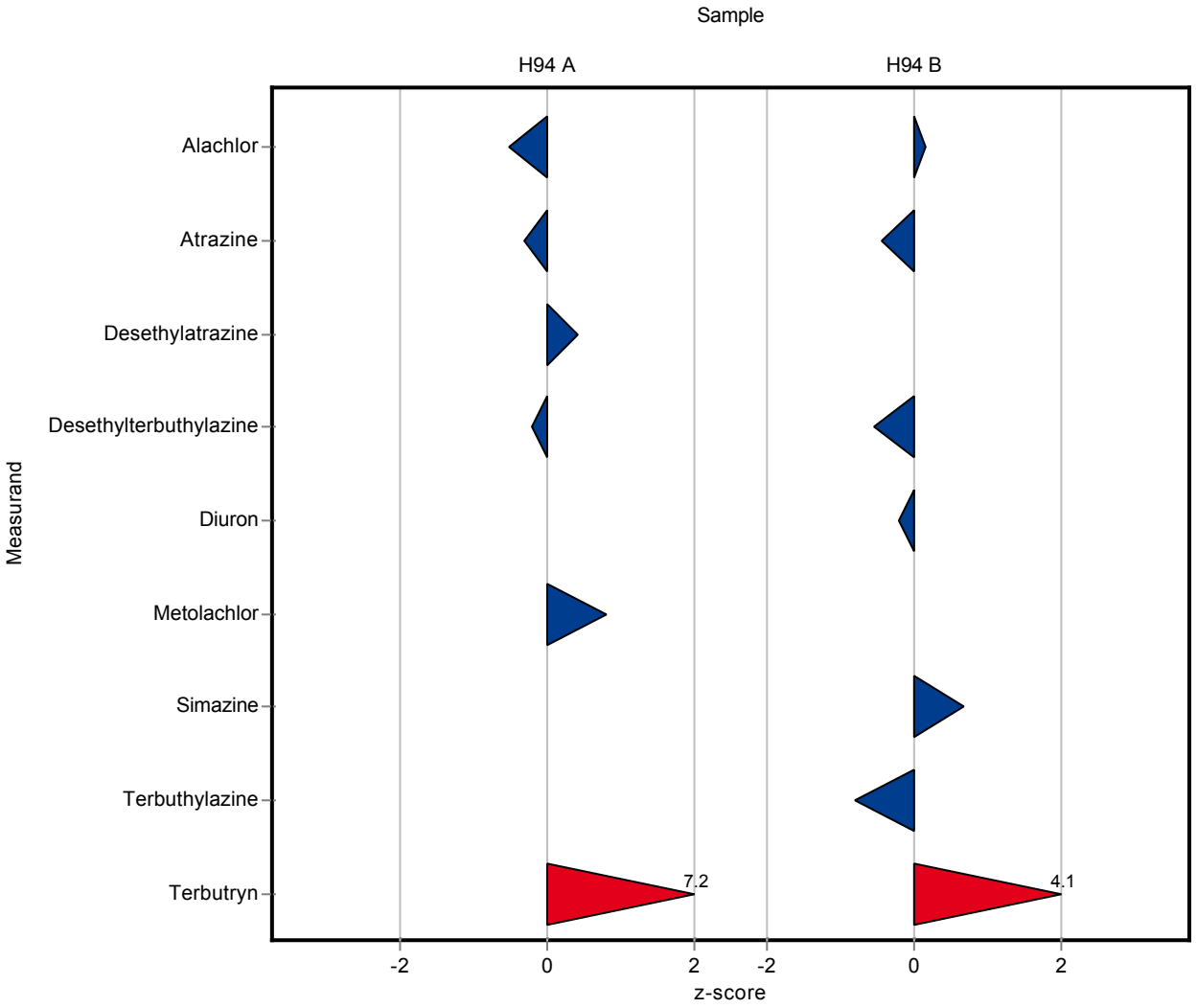
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	±	0.0247	0.326	-	0.0329	95.1	-0.51
Atrazine	µg/l	0.464	±	0.0232	0.451	-	0.0409	97.2	-0.32
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	±	0.1	1.24	-	0.167	106	0.41
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.632	-	0.0544	98.2	-0.21
Desisopropylatrazine	µg/l	0.165	±	0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	±	-	<0.06 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.102	-	0.0105	109	0.82
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.06 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.06 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.564	-	0.0249	147	7.24

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.524	-	0.0179	101	0.15
Atrazine	µg/l	0.355	±	0.0194	0.341	-	0.0329	96	-0.44
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	±	-	<0.06 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.317	-	0.0205	96.6	-0.55
Desisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.084	-	0.0117	97.1	-0.21
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	0.045	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.594	-	0.0622	108	0.68
Terbuthylazine	µg/l	0.0948	±	0.00676	0.086	-	0.011	90.7	-0.8
Terbutryn	µg/l	0.753	±	0.043	1.01	-	0.0625	134	4.11


Sample
H94 A
H94 B
Alachlor
Atrazine
Desethylatrazine
Desethylterbuthylazine
Diuron
Metolachlor
Simazine
Terbuthylazine
Terbutryn
Measurand
7.2
4.1
-2
0
2
-2
0
2
z-score

The following results were achieved:

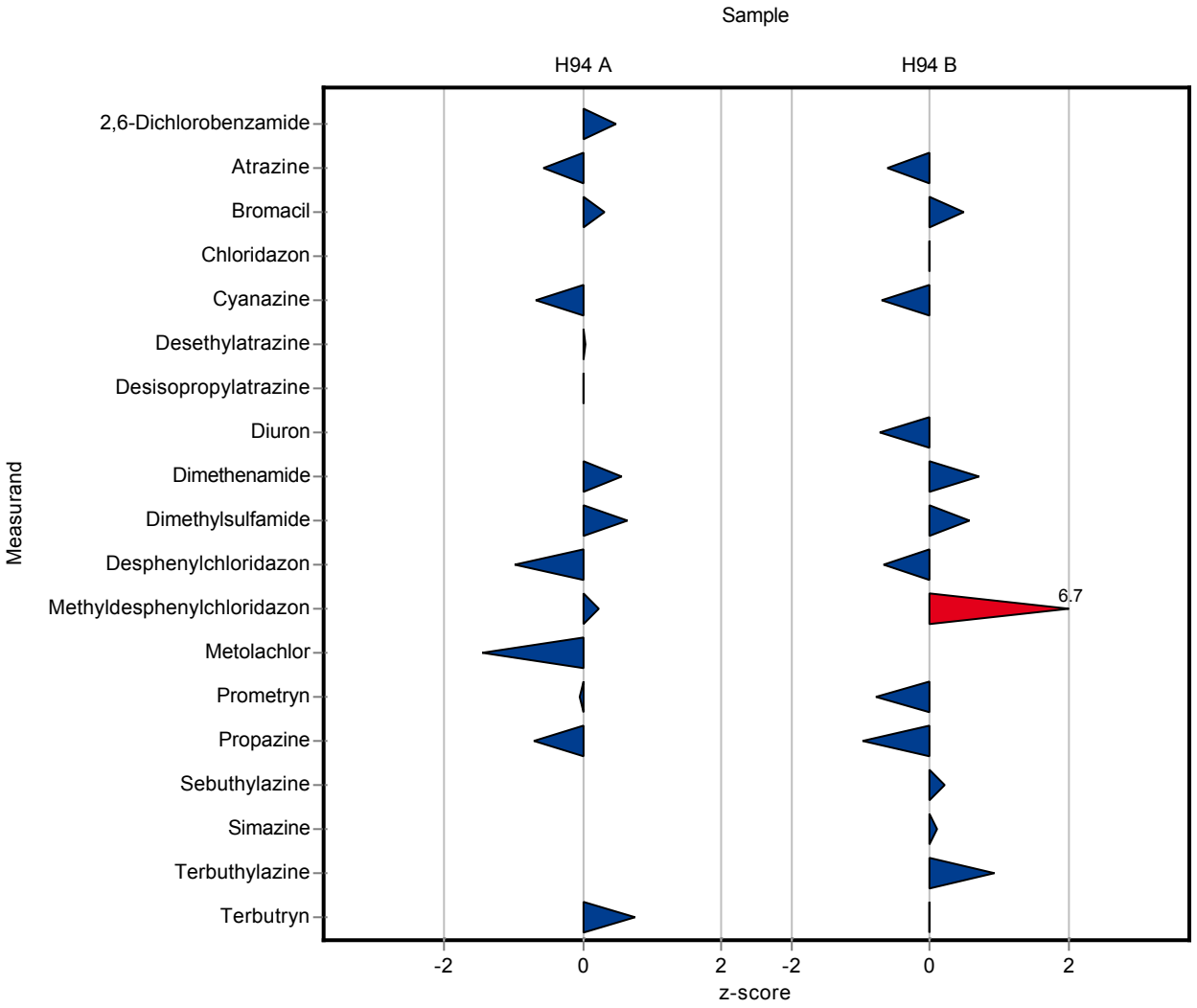
Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	0.578	0.15	0.0612	105	0.46
Alachlor	µg/l	0.343	± 0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	± 0.0232	0.441	0.115	0.0409	95	-0.57
Bromacil	µg/l	0.737	± 0.0683	0.765	0.199	0.091	104	0.3
Chloridazon	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	0.558	0.145	0.0993	88.9	-0.7
Desethylatrazine	µg/l	1.17	± 0.1	1.176	0.306	0.167	100	0.02
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.165	0.043	0.0195	99.9	-0.01
Diuron	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	0.415	0.108	0.0394	105	0.55
Dimethylsulfamide	µg/l	0.358	± 0.137	0.43	0.112	0.112	120	0.65
Desphenylchloridazon	µg/l	0.303	± 0.0487	0.252	0.066	0.0514	83.1	-1
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	0.117	0.031	0.0133	102	0.21
Metolachlor	µg/l	0.0934	± 0.00656	0.078	0.02	0.0105	83.5	-1.47
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	0.373	0.097	0.0377	99.5	-0.05
Propazine	µg/l	0.151	± 0.0137	0.135	0.035	0.0219	89.5	-0.72
Sebuthylazine	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Simazine	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	0.402	0.104	0.0249	105	0.74

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	± 0.0194	0.335	0.087	0.0329	94.3	-0.62
Bromacil	µg/l	0.82	± 0.0795	0.87	0.226	0.103	106	0.49
Chloridazon	µg/l	0.321	± 0.0282	0.321	0.083	0.0364	100	0.00
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	0.127	0.033	0.0228	89.1	-0.68
Desethylatrazine	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	±	-	<0.005 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.078	0.02	0.0117	90.2	-0.73
Dimethenamide	µg/l	0.574	±	0.0518	0.615	0.16	0.0573	107	0.72
Dimethylsulfamide	µg/l	0.395	±	0.0857	0.435	0.113	0.07	110	0.57
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.258	0.067	0.0413	90.2	-0.68
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.032	0.008	0.00172	157	6.73
Metolachlor	µg/l	-	±	-	<0.005 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.68	0.177	0.0484	94.7	-0.79
Propazine	µg/l	0.28	±	0.0144	0.259	0.067	0.022	92.5	-0.96
Sebuthylazine	µg/l	0.17	±	0.0119	0.173	0.045	0.0144	102	0.21
Simazine	µg/l	0.551	±	0.0366	0.559	0.145	0.0622	101	0.12
Terbuthylazine	µg/l	0.0948	±	0.00676	0.105	0.027	0.011	111	0.92
Terbutryn	µg/l	0.753	±	0.043	0.753	0.196	0.0625	100	-0.01


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desisopropylatrazine
Diuron
Dimethenamide
Dimethylsulfamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
6.7
-2
0
2
-2
0
2
z-score

The following results were achieved:

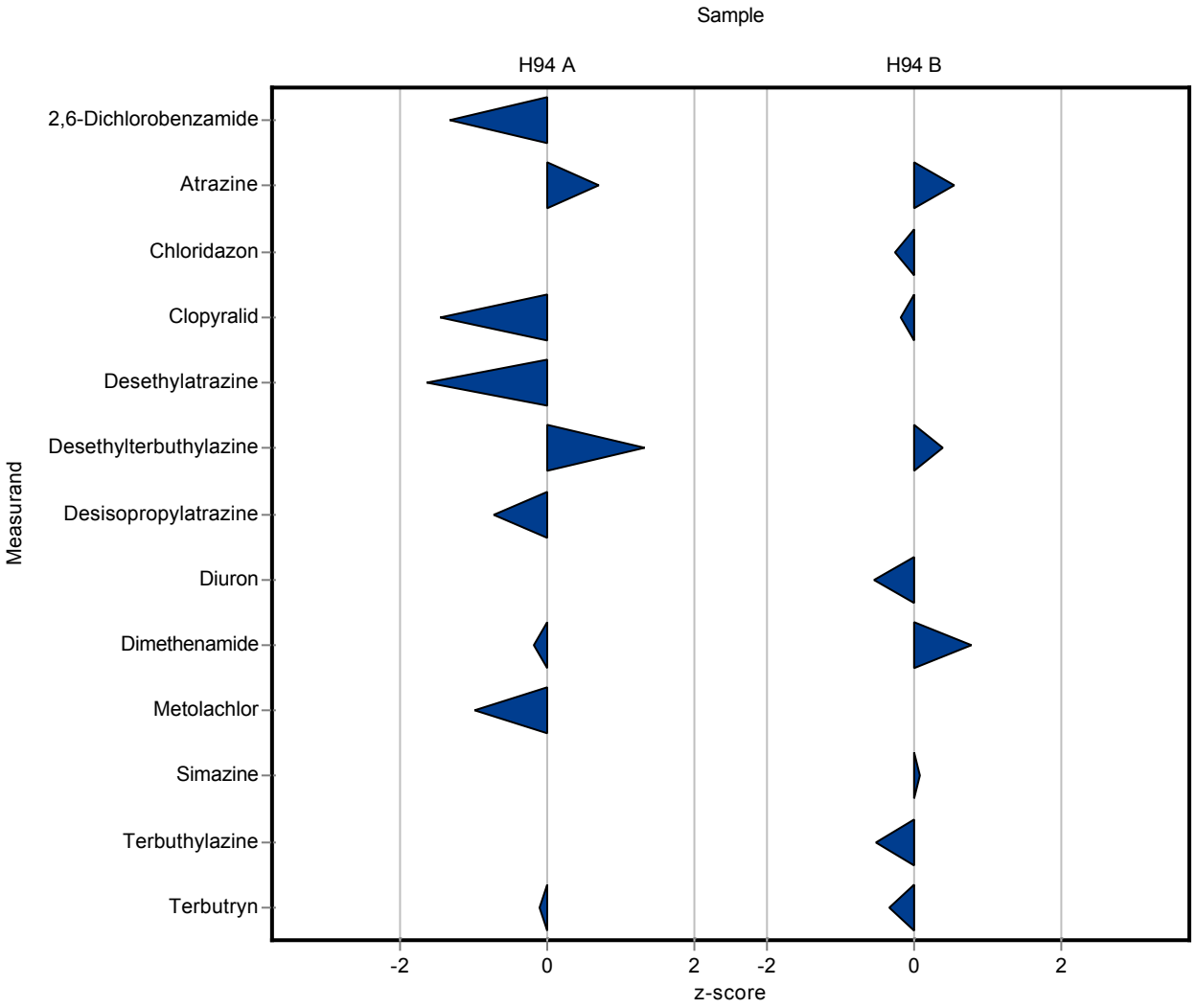
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.469	0.094	0.0612	85.3	-1.32
Alachlor	µg/l	0.343	±	0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	0.493	0.099	0.0409	106	0.7
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	0.366	0.073	0.0638	79.9	-1.45
Cyanazine	µg/l	0.627	±	0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	±	0.1	0.9	0.18	0.167	76.8	-1.63
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.716	0.143	0.0544	111	1.33
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.151	0.03	0.0195	91.4	-0.72
Diuron	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.386	0.077	0.0394	98.1	-0.19
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.083	0.017	0.0105	88.9	-0.99
Nicosulfurone	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	0.01	0.002	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.381	0.076	0.0249	99.3	-0.1

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	0.373	0.075	0.0329	105	0.54
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	0.312	0.062	0.0364	97.2	-0.25
Clopyralid	µg/l	0.609	±	0.0638	0.6	0.12	0.0521	98.5	-0.18
Cyanazine	µg/l	0.143	±	0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.336	0.067	0.0205	102	0.38
Desisopropylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.08	0.016	0.0117	92.5	-0.56
Dimethenamide	µg/l	0.574	±	0.0518	0.619	0.124	0.0573	108	0.79
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	0.022	0.004	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.557	0.111	0.0622	101	0.09
Terbuthylazine	µg/l	0.0948	±	0.00676	0.089	0.018	0.011	93.9	-0.53
Terbutryn	µg/l	0.753	±	0.043	0.732	0.146	0.0625	97.2	-0.34


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Atrazine
Chloridazon
Clopyralid
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Metolachlor
Simazine
Terbuthylazine
Terbutryn
Measurand
-2
0
2
-2
0
2
z-score

The following results were achieved:

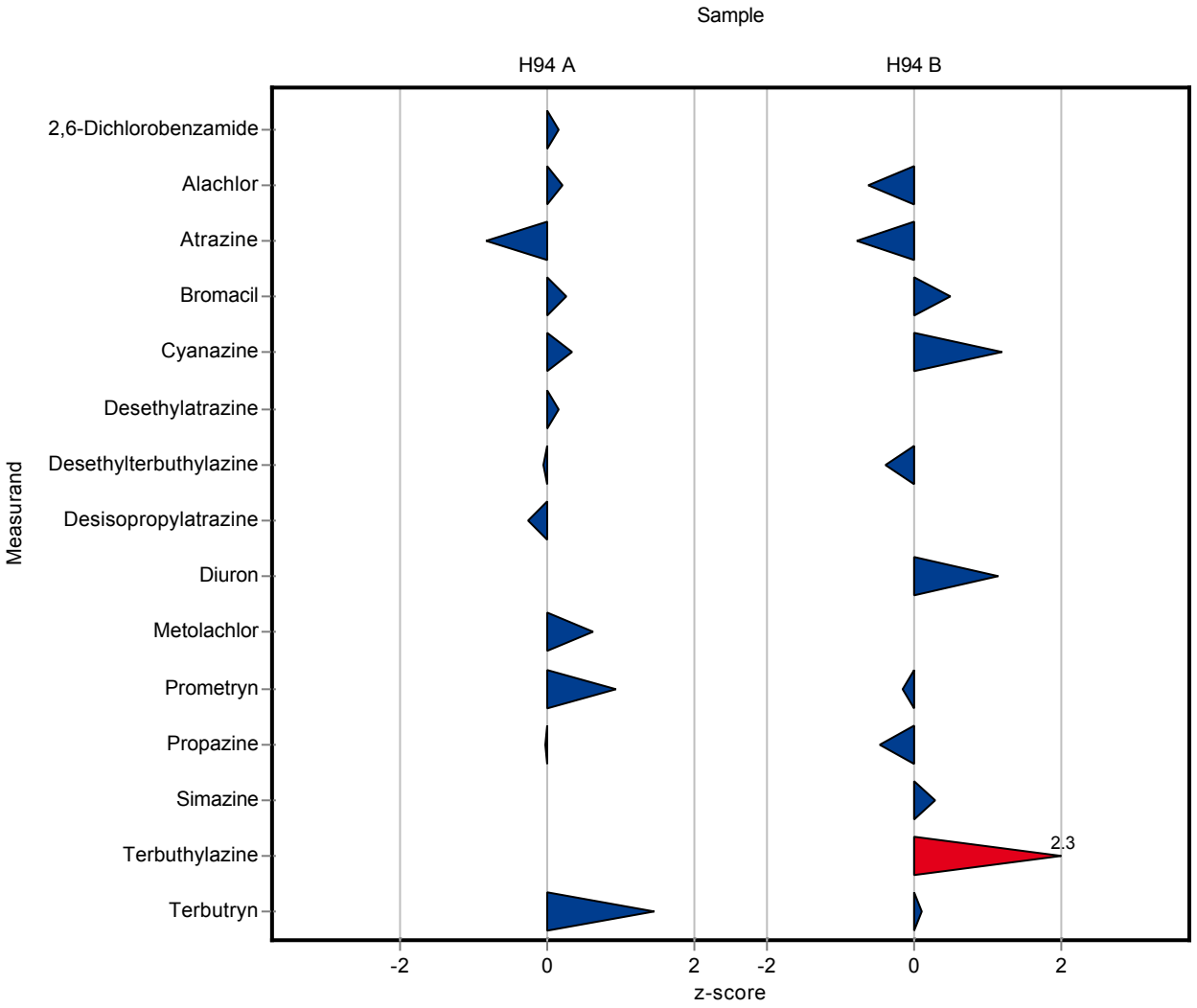
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.56	0.1	0.0612	102	0.17
Alachlor	µg/l	0.343	±	0.0247	0.35	0.07	0.0329	102	0.22
Atrazine	µg/l	0.464	±	0.0232	0.43	0.08	0.0409	92.6	-0.84
Bromacil	µg/l	0.737	±	0.0683	0.76	0.14	0.091	103	0.25
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.66	0.12	0.0993	105	0.33
Desethylatrazine	µg/l	1.17	±	0.1	1.2	0.3	0.167	102	0.17
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.64	0.12	0.0544	99.5	-0.06
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.16	0.03	0.0195	96.9	-0.26
Diuron	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.1	0.02	0.0105	107	0.63
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.41	0.08	0.0377	109	0.93
Propazine	µg/l	0.151	±	0.0137	0.15	0.03	0.0219	99.5	-0.04
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.42	0.08	0.0249	110	1.46

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.51	0.1	0.0179	97.8	-0.63
Atrazine	µg/l	0.355	±	0.0194	0.33	0.06	0.0329	92.9	-0.77
Bromacil	µg/l	0.82	±	0.0795	0.87	0.16	0.103	106	0.49
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.17	0.04	0.0228	119	1.2
Desethylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.32	0.06	0.0205	97.5	-0.4
Desisopropylatrazine	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.1	0.02	0.0117	116	1.15
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.02 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.71	0.13	0.0484	98.9	-0.17
Propazine	µg/l	0.28	±	0.0144	0.27	0.05	0.022	96.4	-0.46
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.57	0.11	0.0622	103	0.3
Terbuthylazine	µg/l	0.0948	±	0.00676	0.12	0.03	0.011	127	2.28
Terbutryn	µg/l	0.753	±	0.043	0.76	0.14	0.0625	101	0.11


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Metolachlor
Prometryn
Propazine
Simazine
Terbuthylazine
Terbutryn
2.3
Measurand
-2
0
2
-2
0
2
z-score

The following results were achieved:

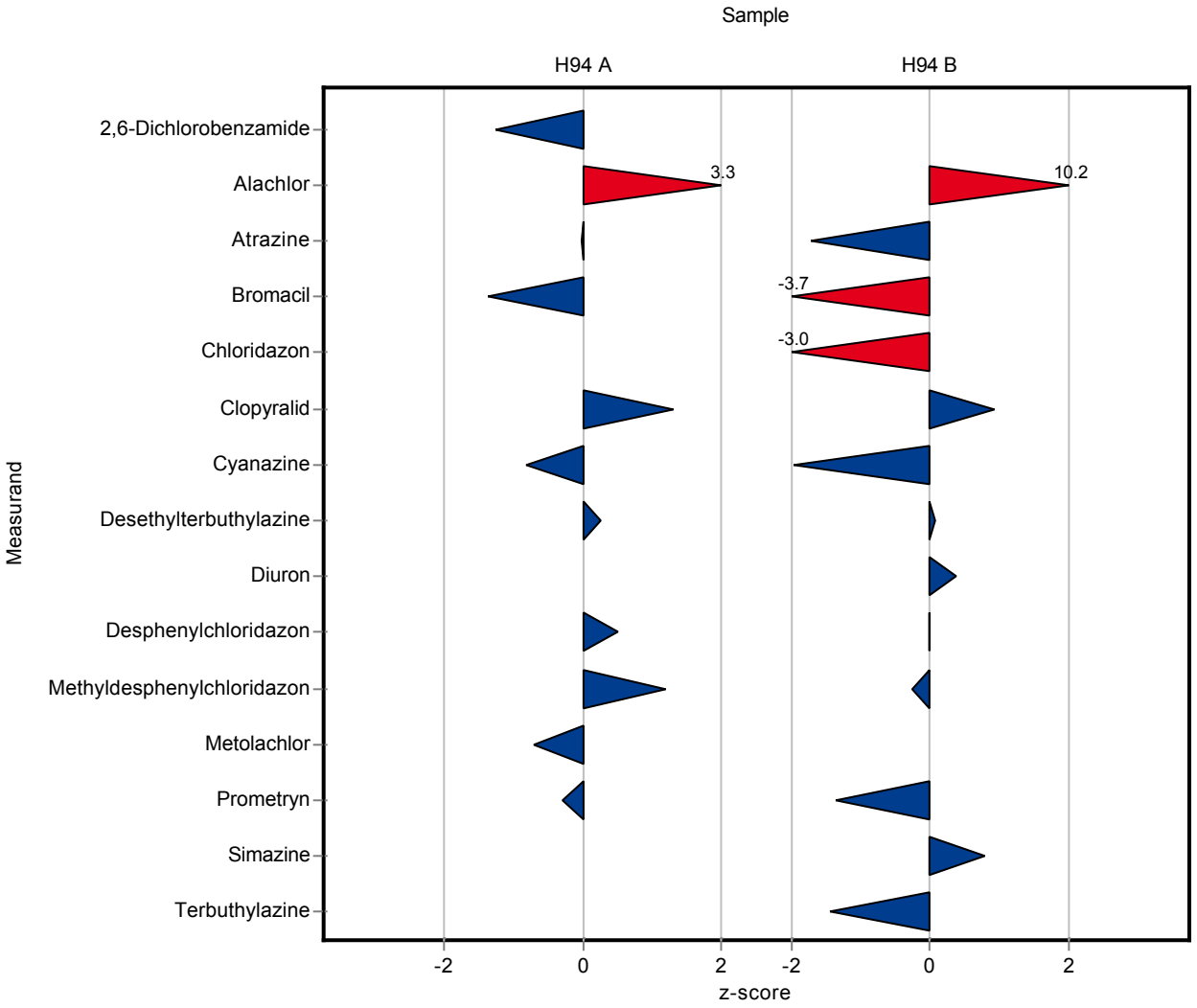
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.472	0.189	0.0612	85.8	-1.27
Alachlor	µg/l	0.343	±	0.0247	0.45	0.18	0.0329	131	3.25
Atrazine	µg/l	0.464	±	0.0232	0.463	0.139	0.0409	99.7	-0.03
Bromacil	µg/l	0.737	±	0.0683	0.612	0.184	0.091	83	-1.38
Chloridazon	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	0.542	0.163	0.0638	118	1.31
Cyanazine	µg/l	0.627	±	0.0666	0.546	0.164	0.0993	87	-0.82
Desethylatrazine	µg/l	1.17	±	0.1	-	-	0.167	-	-
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.657	0.197	0.0544	102	0.25
Desisopropylatrazine	µg/l	0.165	±	0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	±	-	0.014	0.004	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.329	0.132	0.0514	108	0.5
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.13	0.052	0.0133	114	1.19
Metolachlor	µg/l	0.0934	±	0.00656	0.086	0.026	0.0105	92.1	-0.71
Nicosulfurone	µg/l	-	±	-	0.033	0.013	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.364	0.109	0.0377	97.1	-0.29
Propazine	µg/l	0.151	±	0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.704	0.282	0.0179	135	10.2
Atrazine	µg/l	0.355	±	0.0194	0.299	0.09	0.0329	84.1	-1.71
Bromacil	µg/l	0.82	±	0.0795	0.44	0.132	0.103	53.6	-3.71
Chloridazon	µg/l	0.321	±	0.0282	0.212	0.064	0.0364	66	-2.99
Clopyralid	µg/l	0.609	±	0.0638	0.658	0.197	0.0521	108	0.93
Cyanazine	µg/l	0.143	±	0.0157	0.098	0.029	0.0228	68.8	-1.95
Desethylatrazine	µg/l	-	±	-	-	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.33	0.099	0.0205	101	0.09
Desisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.091	0.027	0.0117	105	0.38
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.286	0.114	0.0413	100	0.00
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.02	0.008	0.00172	97.9	-0.25
Metolachlor	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	0.055	0.022	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.653	0.196	0.0484	91	-1.34
Propazine	µg/l	0.28	±	0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.601	0.18	0.0622	109	0.8
Terbuthylazine	µg/l	0.0948	±	0.00676	0.079	0.024	0.011	83.3	-1.43
Terbutryn	µg/l	0.753	±	0.043	-	-	0.0625	-	-


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Clopyralid
Cyanazine
Desethylterbuthylazine
Diuron
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Simazine
Terbuthylazine
3.3
10.2
-3.7
-3.0
-2
0
2
-2
0
2
z-score

The following results were achieved:

Sample: H94A

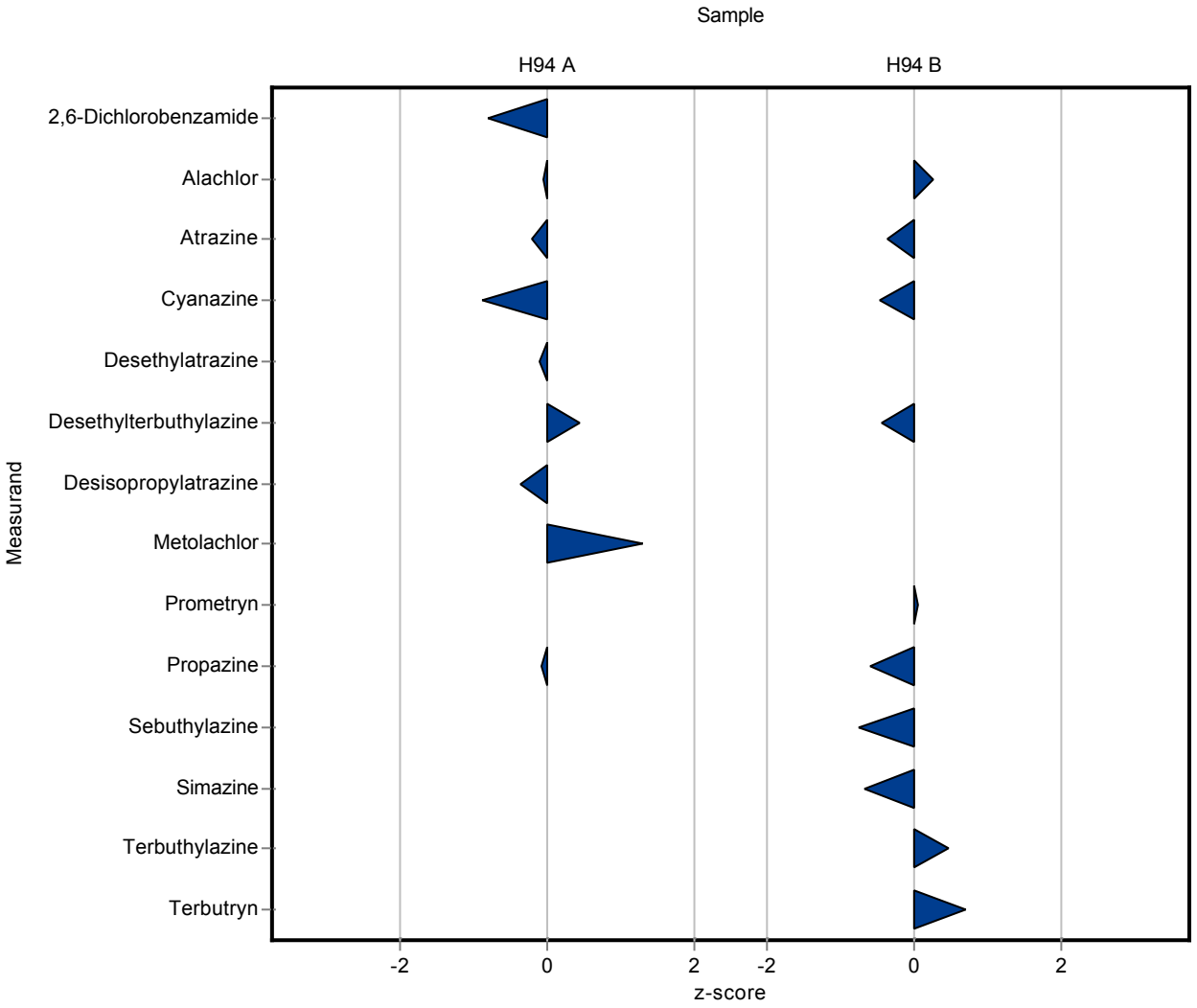
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	0.5	0.006	0.0612	90.9	-0.81
Alachlor	µg/l	0.343	± 0.0247	0.341	0.009	0.0329	99.5	-0.05
Atrazine	µg/l	0.464	± 0.0232	0.456	0.005	0.0409	98.2	-0.2
Bromacil	µg/l	0.737	± 0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	0.539	0.007	0.0993	85.9	-0.89
Desethylatrazine	µg/l	1.17	± 0.1	1.156	0.012	0.167	98.6	-0.1
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	0.668	0.007	0.0544	104	0.45
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.158	0.004	0.0195	95.7	-0.36
Diuron	µg/l	-	± -	-	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	0.107	0.006	0.0105	115	1.3
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	± 0.0137	0.149	0.007	0.0219	98.8	-0.08
Sebuthylazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Simazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	0.526	0.011	0.0179	101	0.26
Atrazine	µg/l	0.355	± 0.0194	0.343	0.005	0.0329	96.5	-0.38
Bromacil	µg/l	0.82	± 0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	± 0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	0.132	0.006	0.0228	92.6	-0.46
Desethylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-

Summary of results Pesticides H94 Laboratory: LC0017

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.319	0.005	0.0205	97.2	-0.45
Desisopropylatrazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	-	-	0.0117	-	-
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.72	0.011	0.0484	100	0.04
Propazine	µg/l	0.28	±	0.0144	0.267	0.007	0.022	95.3	-0.59
Sebuthylazine	µg/l	0.17	±	0.0119	0.159	0.006	0.0144	93.5	-0.77
Simazine	µg/l	0.551	±	0.0366	0.51	0.013	0.0622	92.5	-0.67
Terbuthylazine	µg/l	0.0948	±	0.00676	0.1	0.004	0.011	105	0.47
Terbutryn	µg/l	0.753	±	0.043	0.797	0.014	0.0625	106	0.7


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Alachlor
Atrazine
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
Measurand
-2
0
2
-2
0
2
z-score

The following results were achieved:

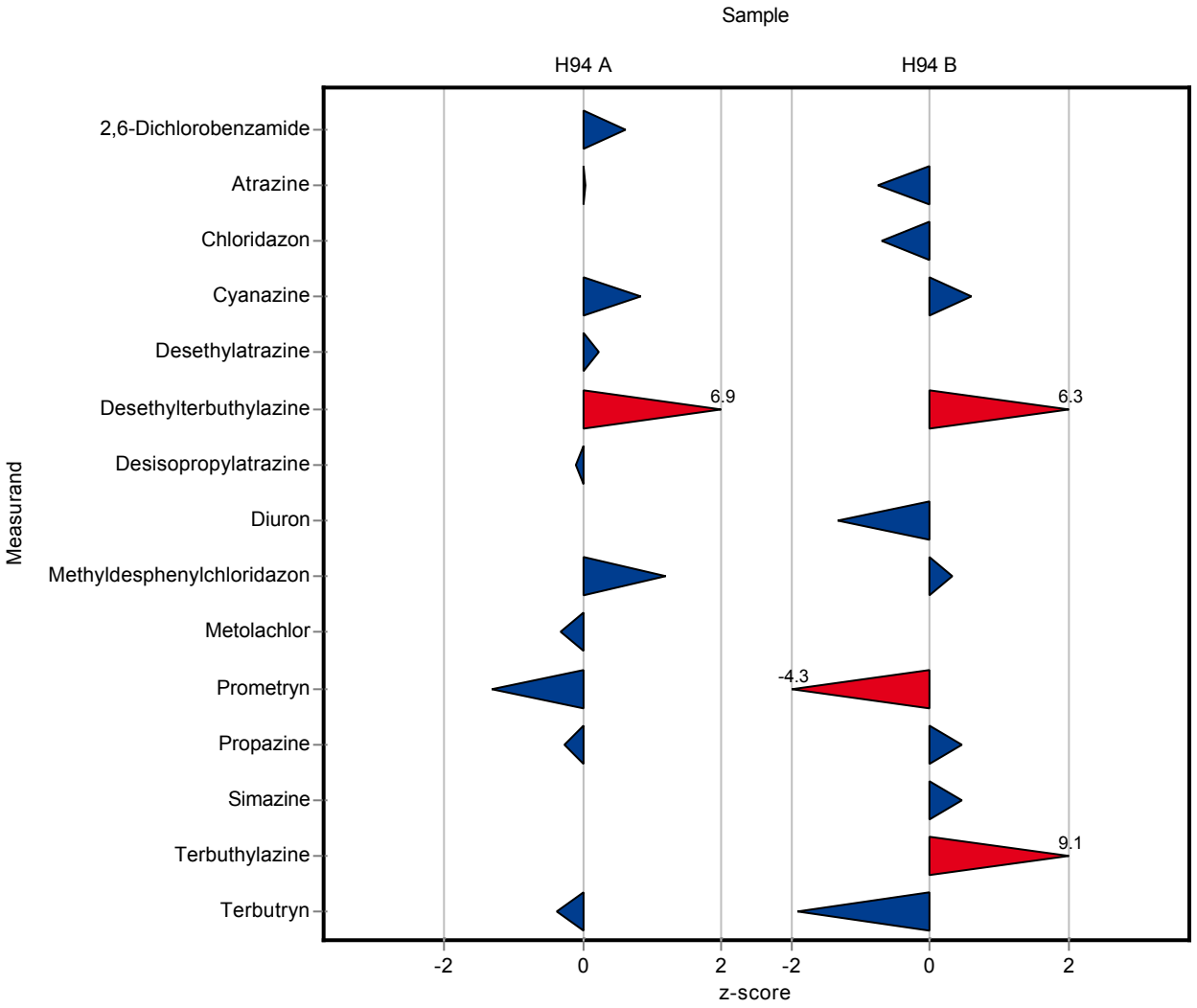
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.587	0.077	0.0612	107	0.61
Alachlor	µg/l	0.343	±	0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	0.465	0.025	0.0409	100	0.02
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	<0.005 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.711	0.087	0.0993	113	0.84
Desethylatrazine	µg/l	1.17	±	0.1	1.21	0.121	0.167	103	0.23
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	1.019	0.118	0.0544	158	6.9
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.163	0.026	0.0195	98.7	-0.11
Diuron	µg/l	-	±	-	0.006	0.0003	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.13	0.011	0.0133	114	1.19
Metolachlor	µg/l	0.0934	±	0.00656	0.09	0.003	0.0105	96.3	-0.33
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.325	0.039	0.0377	86.7	-1.32
Propazine	µg/l	0.151	±	0.0137	0.145	0.008	0.0219	96.2	-0.26
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	0.01	0.001	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.374	0.014	0.0249	97.5	-0.38

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	0.331	0.018	0.0329	93.1	-0.74
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	0.296	0.041	0.0364	92.2	-0.69
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.156	0.019	0.0228	109	0.59
Desethylatrazine	µg/l	-	±	-	0.01	0.001	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.458	0.053	0.0205	140	6.34
Desisopropylatrazine	µg/l	-	±	-	<0.025 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.071	0.004	0.0117	82.1	-1.32
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.021	0.002	0.00172	103	0.33
Metolachlor	µg/l	-	±	-	0.005	0.0002	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.509	0.061	0.0484	70.9	-4.32
Propazine	µg/l	0.28	±	0.0144	0.29	0.016	0.022	104	0.45
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.58	0.064	0.0622	105	0.46
Terbuthylazine	µg/l	0.0948	±	0.00676	0.195	0.012	0.011	206	9.07
Terbutryn	µg/l	0.753	±	0.043	0.635	0.024	0.0625	84.3	-1.89


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Atrazine
Chloridazon
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Simazine
Terbuthylazine
Terbutryn
6.9
6.3
-4.3
9.1
-2
0
2
z-score

The following results were achieved:

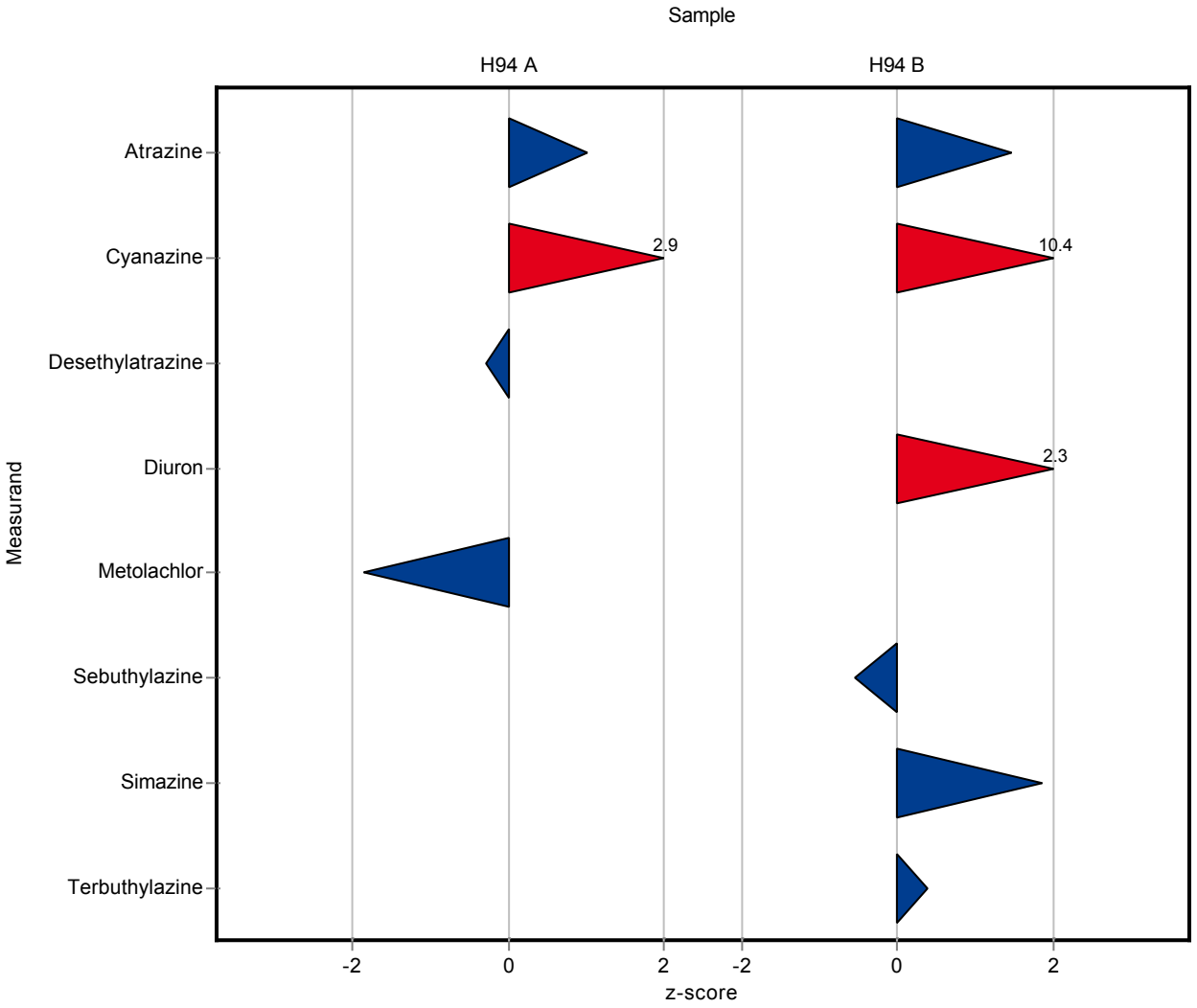
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	±	0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	0.506	-	0.0409	109	1.02
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.913	-	0.0993	146	2.88
Desethylatrazine	µg/l	1.17	±	0.1	1.123	-	0.167	95.8	-0.3
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	±	0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	±	-	<0.014 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.074	-	0.0105	79.2	-1.85
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	±	-	0.147	-	-	-	-
Simazine	µg/l	-	±	-	<0.0268	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.0409	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	0.404	-	0.0329	114	1.48
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.38	-	0.0228	267	10.4
Desethylatrazine	µg/l	-	±	-	0.819	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	± 0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Diuron	µg/l	0.0865	± 0.00718	0.113	-	0.0117	131	2.26
Dimethenamide	µg/l	0.574	± 0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	± 0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	± 0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	± 0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	± -	0.324	-	-	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.718	± 0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	± 0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	± 0.0119	0.162	-	0.0144	95.3	-0.56
Simazine	µg/l	0.551	± 0.0366	0.667	-	0.0622	121	1.86
Terbuthylazine	µg/l	0.0948	± 0.00676	0.099	-	0.011	104	0.38
Terbutryn	µg/l	0.753	± 0.043	-	-	0.0625	-	-


Sample
H94 A
H94 B
Atrazine
Cyanazine
Desethylatrazine
Diuron
Metolachlor
Sebuthylazine
Simazine
Terbuthylazine
Measurand
2.9
10.4
2.3
-2
0
2
-2
0
2
z-score

The following results were achieved:

Sample: H94A

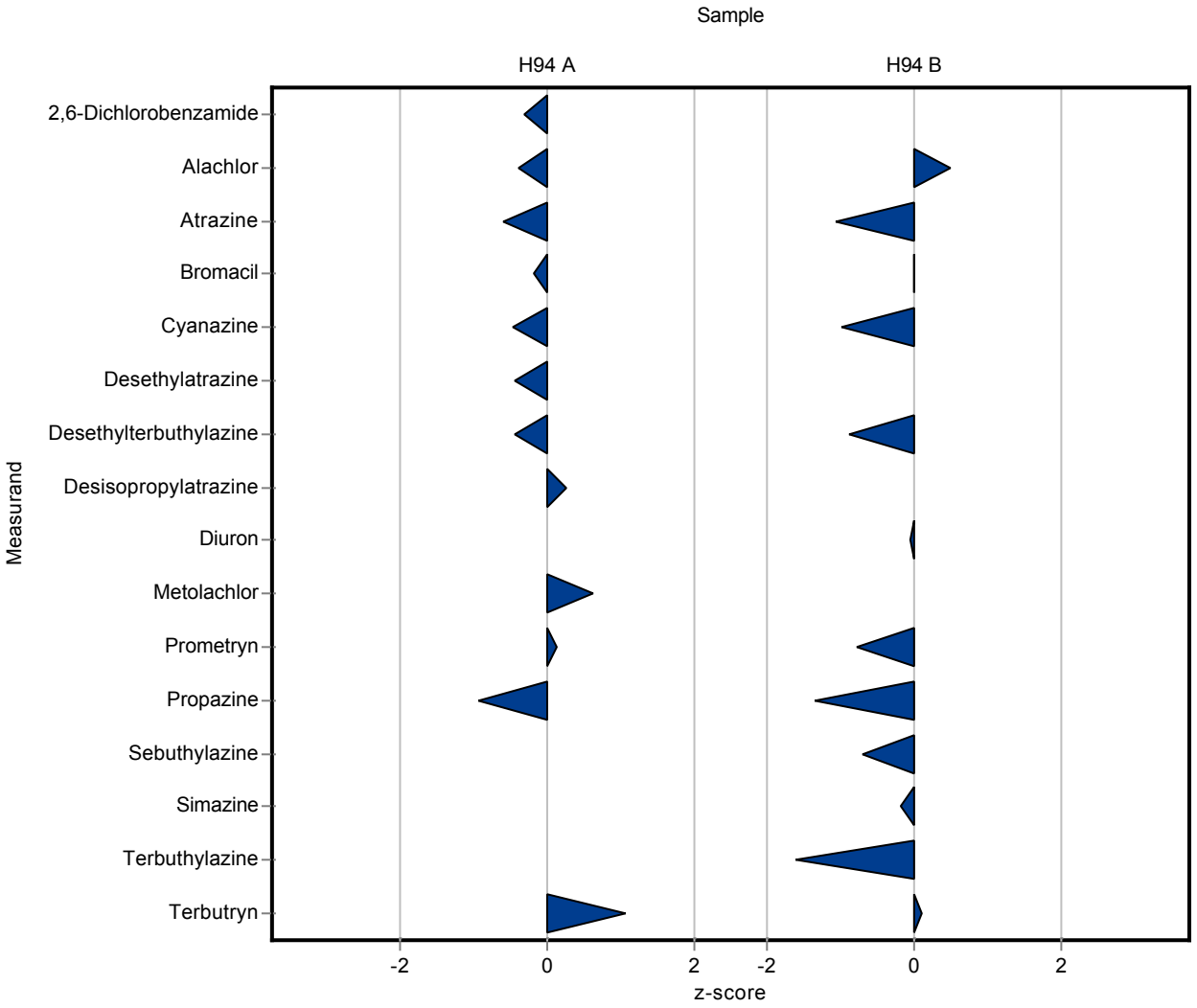
Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.53	0.13	0.0612	96.4	-0.33
Alachlor	µg/l	0.343	±	0.0247	0.33	0.066	0.0329	96.3	-0.39
Atrazine	µg/l	0.464	±	0.0232	0.44	0.066	0.0409	94.8	-0.59
Bromacil	µg/l	0.737	±	0.0683	0.72	0.22	0.091	97.7	-0.19
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.58	0.15	0.0993	92.4	-0.48
Desethylatrazine	µg/l	1.17	±	0.1	1.1	0.22	0.167	93.8	-0.43
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.62	0.093	0.0544	96.4	-0.43
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.17	0.043	0.0195	103	0.25
Diuron	µg/l	-	±	-	<0.006 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.1	0.15	0.0105	107	0.63
Nicosulfurone	µg/l	-	±	-	<0.3 (LOQ)	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.38	0.076	0.0377	101	0.14
Propazine	µg/l	0.151	±	0.0137	0.13	0.02	0.0219	86.2	-0.95
Sebuthylazine	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	0.006	0.001	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.41	0.082	0.0249	107	1.06

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	0.006	0.002	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.53	0.11	0.0179	102	0.48
Atrazine	µg/l	0.355	±	0.0194	0.32	0.048	0.0329	90	-1.08
Bromacil	µg/l	0.82	±	0.0795	0.82	0.25	0.103	100	0.00
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.12	0.03	0.0228	84.2	-0.99
Desethylatrazine	µg/l	-	±	-	0.007	0.001	-	-	-

Summary of results Pesticides H94 Laboratory: LC0020

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.31	0.047	0.0205	94.4	-0.89
Desisopropylatrazine	µg/l	-	±	-	0.01	0.003	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.086	0.017	0.0117	99.4	-0.04
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	<0.3 (LOQ)	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.68	0.14	0.0484	94.7	-0.79
Propazine	µg/l	0.28	±	0.0144	0.25	0.038	0.022	89.3	-1.37
Sebuthylazine	µg/l	0.17	±	0.0119	0.16	0.024	0.0144	94.1	-0.7
Simazine	µg/l	0.551	±	0.0366	0.54	0.11	0.0622	97.9	-0.18
Terbuthylazine	µg/l	0.0948	±	0.00676	0.077	0.012	0.011	81.2	-1.61
Terbutryn	µg/l	0.753	±	0.043	0.76	0.15	0.0625	101	0.11


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
Measurand
-2
0
2
-2
0
2
z-score

The following results were achieved:

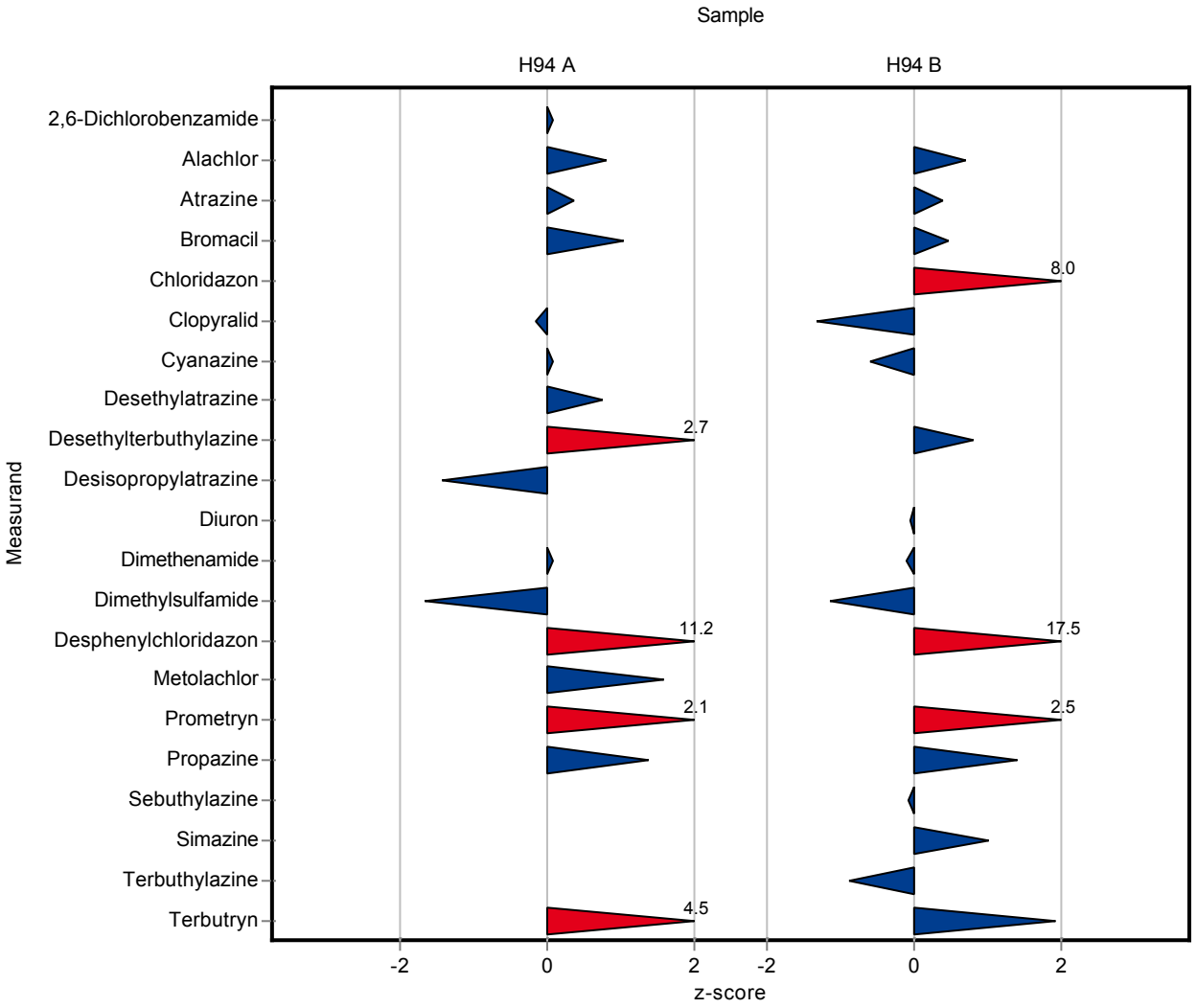
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.555	0.074	0.0612	101	0.08
Alachlor	µg/l	0.343	±	0.0247	0.369	0.036	0.0329	108	0.8
Atrazine	µg/l	0.464	±	0.0232	0.479	0.049	0.0409	103	0.36
Bromacil	µg/l	0.737	±	0.0683	0.832	0.092	0.091	113	1.04
Chloridazon	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	0.449	0.072	0.0638	98	-0.15
Cyanazine	µg/l	0.627	±	0.0666	0.635	0.091	0.0993	101	0.08
Desethylatrazine	µg/l	1.17	±	0.1	1.298	0.114	0.167	111	0.75
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.79	0.057	0.0544	123	2.69
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.137	0.016	0.0195	83	-1.44
Diuron	µg/l	-	±	-	0.005	0.001	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.396	0.037	0.0394	101	0.07
Dimethylsulfamide	µg/l	0.358	±	0.137	0.173	0.026	0.112	48.4	-1.66
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.877	0.09	0.0514	289	11.2
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	0.11	0.012	0.0105	118	1.58
Nicosulfurone	µg/l	-	±	-	0.009	0.002	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.454	0.046	0.0377	121	2.1
Propazine	µg/l	0.151	±	0.0137	0.181	0.032	0.0219	120	1.38
Sebuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	0.004	0.001	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.495	0.049	0.0249	129	4.47

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.534	0.054	0.0179	102	0.71
Atrazine	µg/l	0.355	±	0.0194	0.368	0.022	0.0329	104	0.38
Bromacil	µg/l	0.82	±	0.0795	0.869	0.063	0.103	106	0.48
Chloridazon	µg/l	0.321	±	0.0282	0.612	0.057	0.0364	191	7.98
Clopyralid	µg/l	0.609	±	0.0638	0.54	0.088	0.0521	88.6	-1.33
Cyanazine	µg/l	0.143	±	0.0157	0.129	0.026	0.0228	90.5	-0.59
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.345	0.027	0.0205	105	0.82
Desisopropylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.086	0.008	0.0117	99.4	-0.04
Dimethenamide	µg/l	0.574	±	0.0518	0.568	0.64	0.0573	99	-0.1
Dimethylsulfamide	µg/l	0.395	±	0.0857	0.314	0.032	0.07	79.5	-1.16
Desphenylchloridazon	µg/l	0.286	±	0.0392	1.011	0.148	0.0413	354	17.5
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	0.02	0.004	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.84	0.066	0.0484	117	2.52
Propazine	µg/l	0.28	±	0.0144	0.311	0.045	0.022	111	1.41
Sebuthylazine	µg/l	0.17	±	0.0119	0.169	0.02	0.0144	99.4	-0.07
Simazine	µg/l	0.551	±	0.0366	0.614	0.086	0.0622	111	1.01
Terbuthylazine	µg/l	0.0948	±	0.00676	0.085	0.009	0.011	89.7	-0.89
Terbutryn	µg/l	0.753	±	0.043	0.873	0.032	0.0625	116	1.91


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Clopyralid
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Dimethylsulfamide
Desphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
8.0
2.7
11.2
17.5
2.1
2.5
4.5
-2
0
2
-2
0
2
z-score

The following results were achieved:

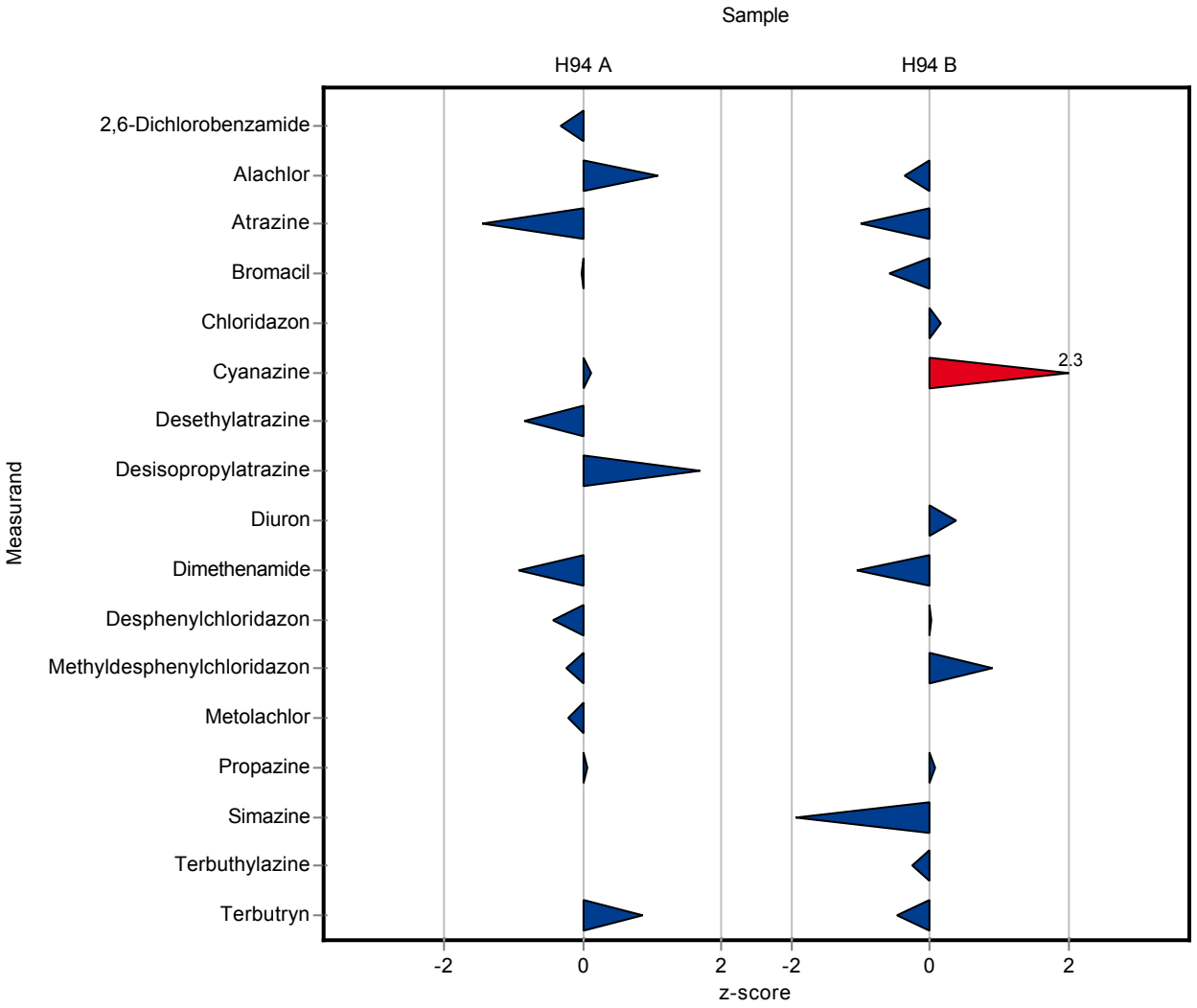
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.53	0.053	0.0612	96.4	-0.33
Alachlor	µg/l	0.343	±	0.0247	0.378	0.038	0.0329	110	1.07
Atrazine	µg/l	0.464	±	0.0232	0.405	0.061	0.0409	87.2	-1.45
Bromacil	µg/l	0.737	±	0.0683	0.735	0.074	0.091	99.7	-0.03
Chloridazon	µg/l	-	±	-	<0.002 (LOD)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.639	0.064	0.0993	102	0.12
Desethylatrazine	µg/l	1.17	±	0.1	1.03	0.155	0.167	87.9	-0.85
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.198	0.04	0.0195	120	1.68
Diuron	µg/l	-	±	-	0.004	0.001	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.356	0.107	0.0394	90.5	-0.95
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.281	0.028	0.0514	92.6	-0.44
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.111	0.012	0.0133	97.2	-0.24
Metolachlor	µg/l	0.0934	±	0.00656	0.091	0.014	0.0105	97.4	-0.23
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	0.152	0.015	0.0219	101	0.06
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	0.005	0.001	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.405	0.061	0.0249	106	0.86

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.515	0.078	0.0179	98.8	-0.35
Atrazine	µg/l	0.355	±	0.0194	0.323	0.048	0.0329	90.9	-0.98
Bromacil	µg/l	0.82	±	0.0795	0.76	0.114	0.103	92.7	-0.59
Chloridazon	µg/l	0.321	±	0.0282	0.327	0.033	0.0364	102	0.16
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.194	0.039	0.0228	136	2.26
Desethylatrazine	µg/l	-	±	-	0.007	0.001	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	±	-	<0.003 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.091	0.009	0.0117	105	0.38
Dimethenamide	µg/l	0.574	±	0.0518	0.514	0.129	0.0573	89.6	-1.04
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.287	0.043	0.0413	100	0.03
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.022	0.002	0.00172	108	0.92
Metolachlor	µg/l	-	±	-	<0.001 (LOD)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	0.282	0.071	0.022	101	0.09
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.432	0.043	0.0622	78.3	-1.92
Terbuthylazine	µg/l	0.0948	±	0.00676	0.092	0.01	0.011	97	-0.25
Terbutryn	µg/l	0.753	±	0.043	0.723	0.073	0.0625	96	-0.48


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Cyanazine
Desethylatrazine
Desisopropylatrazine
Diuron
Dimethenamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Propazine
Simazine
Terbuthylazine
Terbutryn
2.3
Measurand
-2
0
2
-2
0
2
z-score

The following results were achieved:

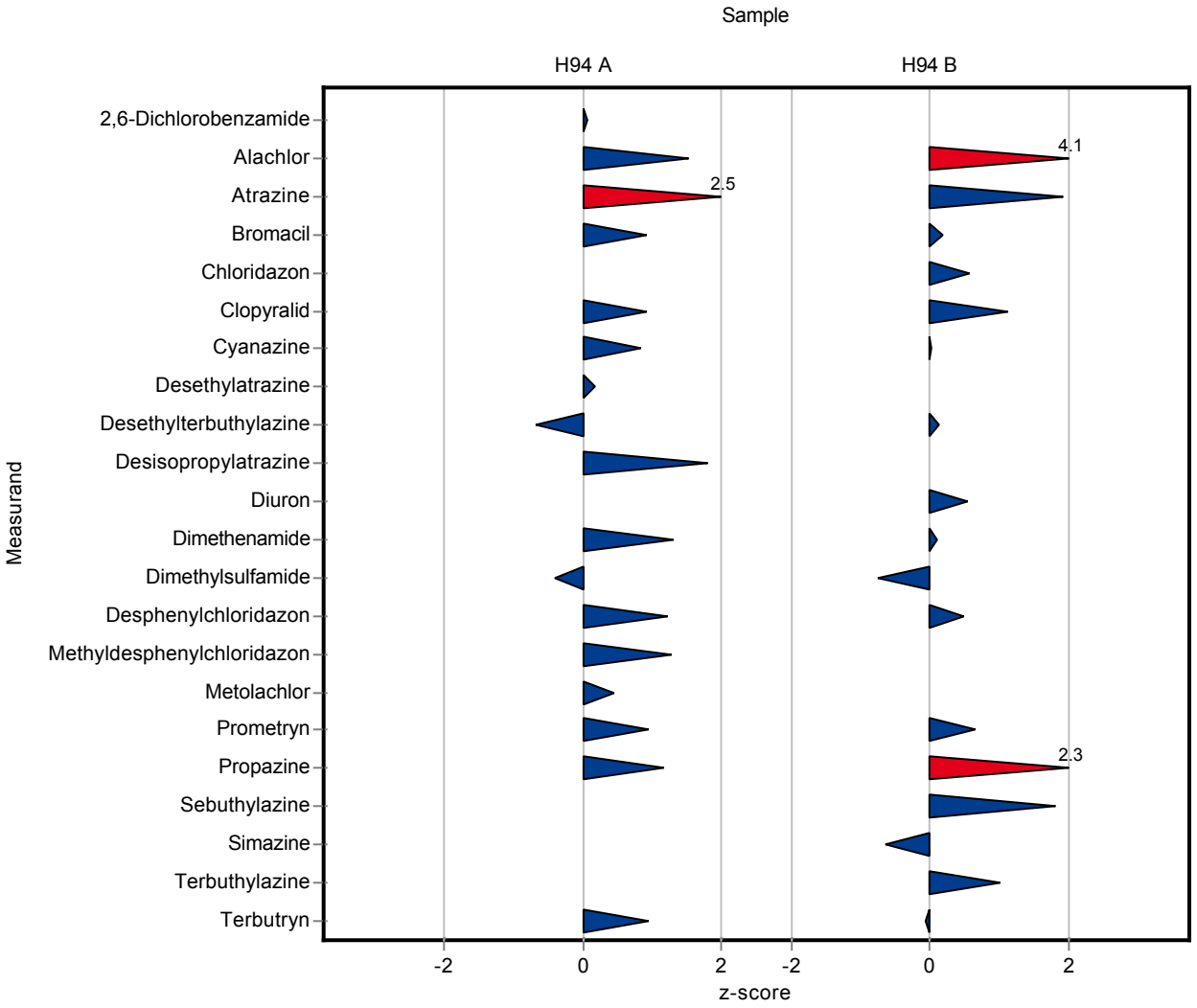
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.554	0.083	0.0612	101	0.07
Alachlor	µg/l	0.343	±	0.0247	0.393	0.04	0.0329	115	1.52
Atrazine	µg/l	0.464	±	0.0232	0.568	0.057	0.0409	122	2.54
Bromacil	µg/l	0.737	±	0.0683	0.82	0.123	0.091	111	0.91
Chloridazon	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	0.517	0.078	0.0638	113	0.92
Cyanazine	µg/l	0.627	±	0.0666	0.711	0.072	0.0993	113	0.84
Desethylatrazine	µg/l	1.17	±	0.1	1.199	0.24	0.167	102	0.16
Desethyldesisopropylatrazine	µg/l	-	±	-	0.349	0.052	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	0.606	0.121	0.0544	94.2	-0.69
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.2	0.02	0.0195	121	1.79
Diuron	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	0.445	0.067	0.0394	113	1.31
Dimethylsulfamide	µg/l	0.358	±	0.137	0.313	0.047	0.112	87.5	-0.4
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.366	0.055	0.0514	121	1.22
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.131	0.02	0.0133	115	1.27
Metolachlor	µg/l	0.0934	±	0.00656	0.098	0.01	0.0105	105	0.44
Nicosulfurone	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	0.41	0.063	0.0377	109	0.93
Propazine	µg/l	0.151	±	0.0137	0.176	0.018	0.0219	117	1.15
Sebuthylazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Simazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.407	0.061	0.0249	106	0.94

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.595	0.06	0.0179	114	4.11
Atrazine	µg/l	0.355	±	0.0194	0.419	0.042	0.0329	118	1.93
Bromacil	µg/l	0.82	±	0.0795	0.841	0.126	0.103	103	0.2
Chloridazon	µg/l	0.321	±	0.0282	0.342	0.051	0.0364	107	0.57
Clopyralid	µg/l	0.609	±	0.0638	0.668	0.1	0.0521	110	1.13
Cyanazine	µg/l	0.143	±	0.0157	0.143	0.015	0.0228	100	0.02
Desethylatrazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	0.633	0.095	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.331	0.066	0.0205	101	0.14
Desisopropylatrazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.093	0.014	0.0117	107	0.55
Dimethenamide	µg/l	0.574	±	0.0518	0.58	0.087	0.0573	101	0.11
Dimethylsulfamide	µg/l	0.395	±	0.0857	0.342	0.051	0.07	86.6	-0.76
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.306	0.046	0.0413	107	0.49
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	<0.05 (LOQ)	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.75	0.113	0.0484	104	0.66
Propazine	µg/l	0.28	±	0.0144	0.331	0.034	0.022	118	2.32
Sebuthylazine	µg/l	0.17	±	0.0119	0.196	0.02	0.0144	115	1.81
Simazine	µg/l	0.551	±	0.0366	0.512	0.077	0.0622	92.8	-0.63
Terbuthylazine	µg/l	0.0948	±	0.00676	0.106	0.011	0.011	112	1.01
Terbutryn	µg/l	0.753	±	0.043	0.749	0.112	0.0625	99.4	-0.07


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Clopyralid
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Dimethylsulfamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
2.5
4.1
2.3
-2
0
2
-2
0
2
z-score

The following results were achieved:

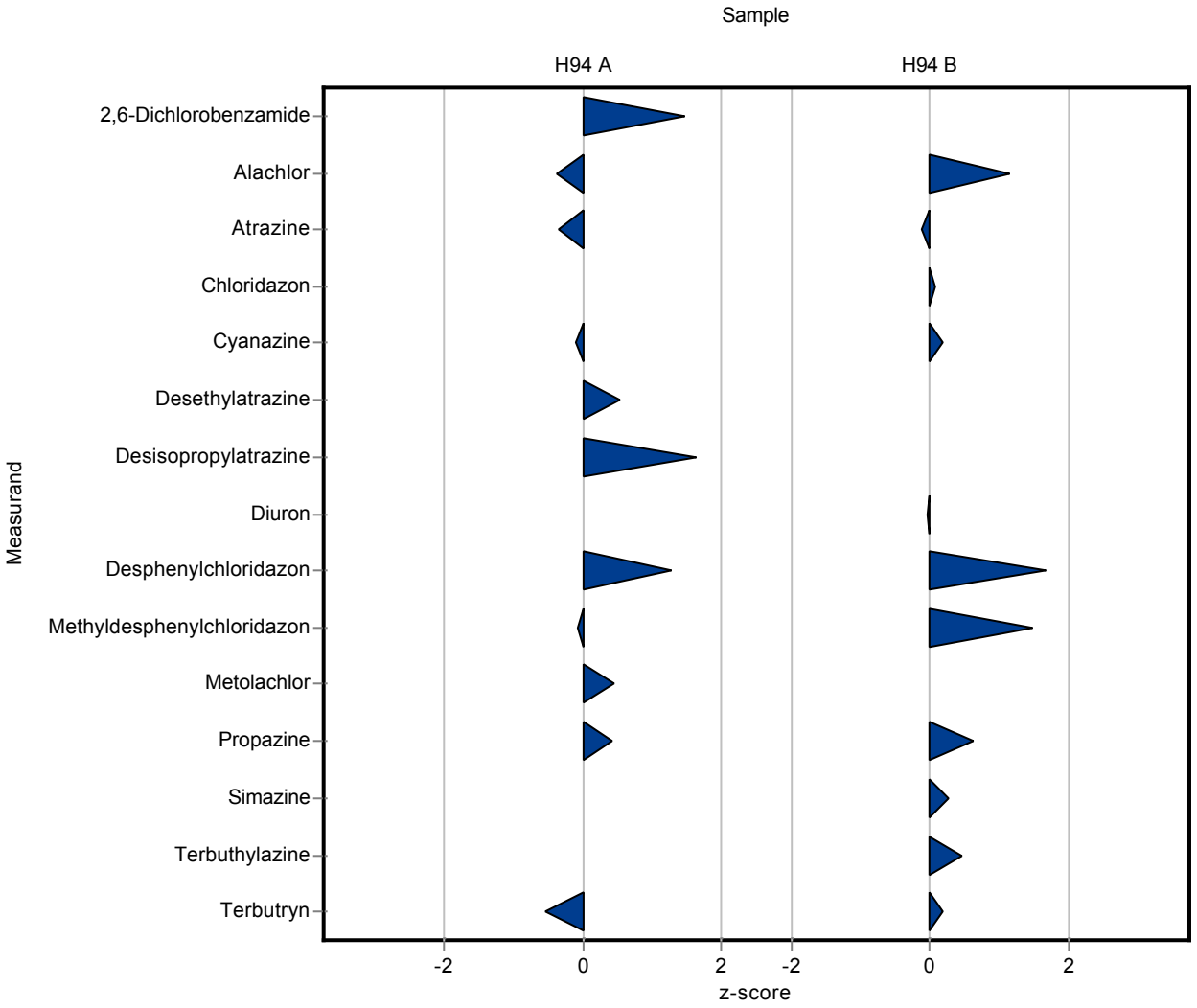
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.64	-	0.0612	116	1.47
Alachlor	µg/l	0.343	±	0.0247	0.33	-	0.0329	96.3	-0.39
Atrazine	µg/l	0.464	±	0.0232	0.45	-	0.0409	96.9	-0.35
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.616	-	0.0993	98.2	-0.12
Desethylatrazine	µg/l	1.17	±	0.1	1.262	-	0.167	108	0.54
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.197	-	0.0195	119	1.63
Diuron	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.369	-	0.0514	122	1.28
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.113	-	0.0133	99	-0.09
Metolachlor	µg/l	0.0934	±	0.00656	0.098	-	0.0105	105	0.44
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	0.16	-	0.0219	106	0.42
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.37	-	0.0249	96.5	-0.54

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.542	-	0.0179	104	1.15
Atrazine	µg/l	0.355	±	0.0194	0.352	-	0.0329	99	-0.1
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	0.324	-	0.0364	101	0.08
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.147	-	0.0228	103	0.2
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	± 0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	± 0.00718	0.086	-	0.0117	99.4	-0.04
Dimethenamide	µg/l	0.574	± 0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	± 0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	± 0.0392	0.355	-	0.0413	124	1.67
Methyldesphenylchloridazon	µg/l	0.0204	± 0.00195	0.023	-	0.00172	113	1.5
Metolachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.718	± 0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	± 0.0144	0.294	-	0.022	105	0.64
Sebuthylazine	µg/l	0.17	± 0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	± 0.0366	0.569	-	0.0622	103	0.28
Terbuthylazine	µg/l	0.0948	± 0.00676	0.1	-	0.011	105	0.47
Terbutryn	µg/l	0.753	± 0.043	0.765	-	0.0625	102	0.19


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Alachlor
Atrazine
Chloridazon
Cyanazine
Desethylatrazine
Desisopropylatrazine
Diuron
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Propazine
Simazine
Terbuthylazine
Terbutryn
Measurand
-2
0
2
-2
0
2
z-score

The following results were achieved:

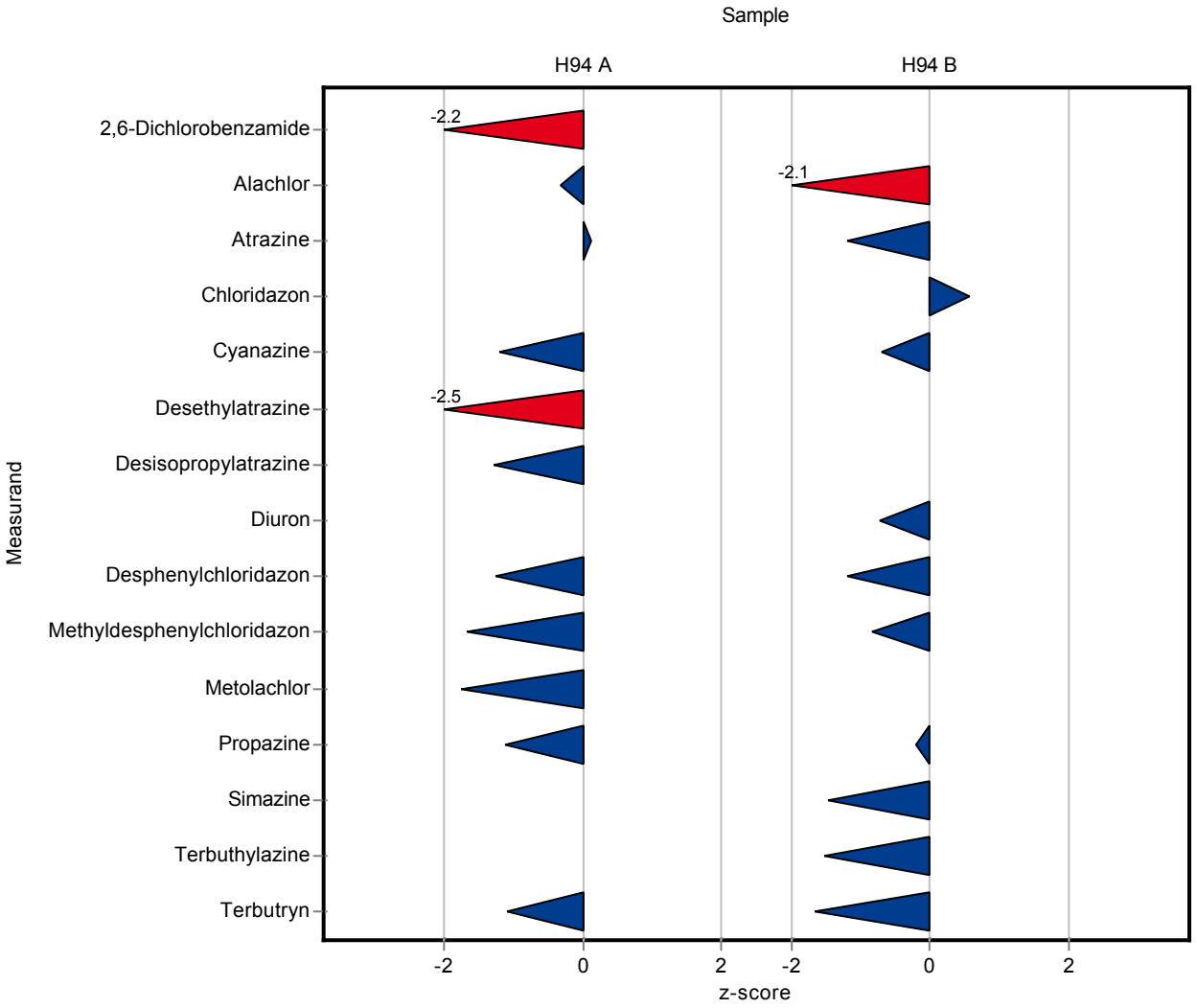
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	0.414	0.083	0.0612	75.3	-2.22
Alachlor	µg/l	0.343	±	0.0247	0.332	0.066	0.0329	96.9	-0.33
Atrazine	µg/l	0.464	±	0.0232	0.469	0.094	0.0409	101	0.12
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	<0.005 (LOD)	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	0.506	0.101	0.0993	80.6	-1.22
Desethylatrazine	µg/l	1.17	±	0.1	0.749	0.15	0.167	63.9	-2.54
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	±	0.0134	0.14	0.028	0.0195	84.8	-1.29
Diuron	µg/l	-	±	-	0.005	0.001	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	0.239	0.048	0.0514	78.8	-1.25
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	0.092	0.018	0.0133	80.6	-1.67
Metolachlor	µg/l	0.0934	±	0.00656	0.075	0.015	0.0105	80.3	-1.76
Nicosulfurone	µg/l	-	±	-	0.05	0.01	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	0.126	0.025	0.0219	83.6	-1.13
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	0.356	0.071	0.0249	92.8	-1.11

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	<0.005 (LOD)	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	0.483	0.097	0.0179	92.7	-2.14
Atrazine	µg/l	0.355	±	0.0194	0.316	0.063	0.0329	88.9	-1.2
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	0.342	0.068	0.0364	107	0.57
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	0.127	0.025	0.0228	89.1	-0.68
Desethylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	±	-	<0.01 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.078	0.016	0.0117	90.2	-0.73
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.237	0.047	0.0413	82.9	-1.18
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	0.019	0.004	0.00172	93	-0.83
Metolachlor	µg/l	-	±	-	<0.005 (LOD)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	0.106	0.021	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	0.276	0.055	0.022	98.6	-0.18
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.461	0.092	0.0622	83.6	-1.45
Terbuthylazine	µg/l	0.0948	±	0.00676	0.078	0.016	0.011	82.3	-1.52
Terbutryn	µg/l	0.753	±	0.043	0.65	0.13	0.0625	86.3	-1.65


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Chloridazon
Cyanazine
Desethylatrazine
Desisopropylatrazine
Diuron
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Propazine
Simazine
Terbuthylazine
Terbutryn
-2.2
-2.1
-2.5
-2
0
2
-2
0
2
z-score

The following results were achieved:

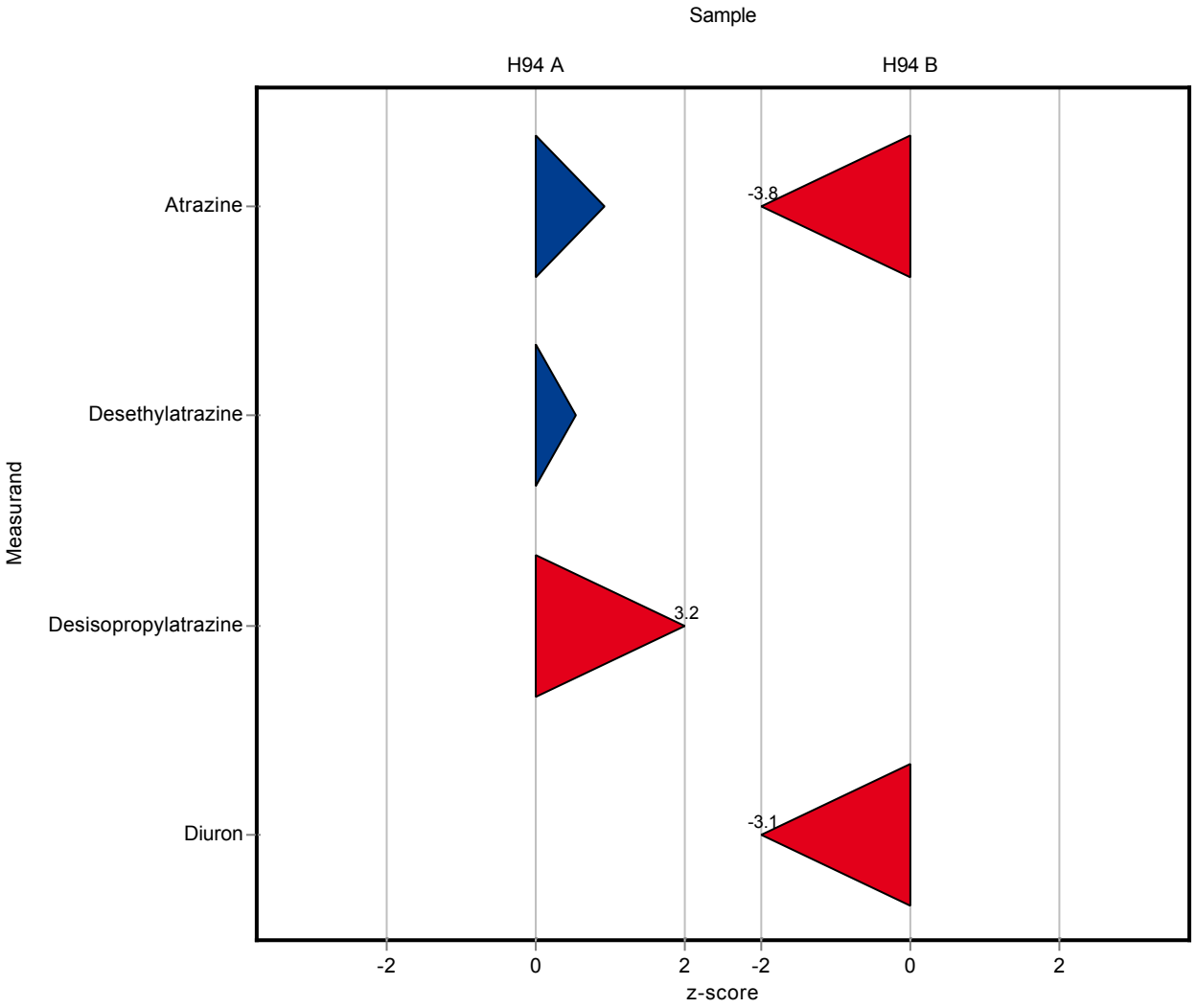
Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	± 0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	± 0.0232	0.501	0.2	0.0409	108	0.9
Bromacil	µg/l	0.737	± 0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	± 0.1	1.259	0.176	0.167	107	0.52
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.227	-	0.0195	137	3.17
Diuron	µg/l	-	± -	-	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	-	-	0.0105	-	-
Nicosulfurone	µg/l	-	± -	0.122	0.052	-	-	-
Prometryn	µg/l	0.375	± 0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	± 0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	± -	-	-	-	-	-
Simazine	µg/l	-	± -	-	-	-	-	-
Terbuthylazine	µg/l	-	± -	-	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	-	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	± 0.0194	0.23	0.092	0.0329	64.7	-3.81
Bromacil	µg/l	0.82	± 0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	± 0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	± 0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Diuron	µg/l	0.0865	± 0.00718	0.05	0.021	0.0117	57.8	-3.11
Dimethenamide	µg/l	0.574	± 0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	± 0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	± 0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	± 0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.718	± 0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	± 0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	± 0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	± 0.0366	-	-	0.0622	-	-
Terbuthylazine	µg/l	0.0948	± 0.00676	-	-	0.011	-	-
Terbutryn	µg/l	0.753	± 0.043	-	-	0.0625	-	-


Sample
H94 A
H94 B
Atrazine
Desethylatrazine
Desisopropylatrazine
Diuron
Measurand
-3.8
3.2
-3.1
-2
0
2
-2
0
2
z-score

The following results were achieved:

Sample: H94A

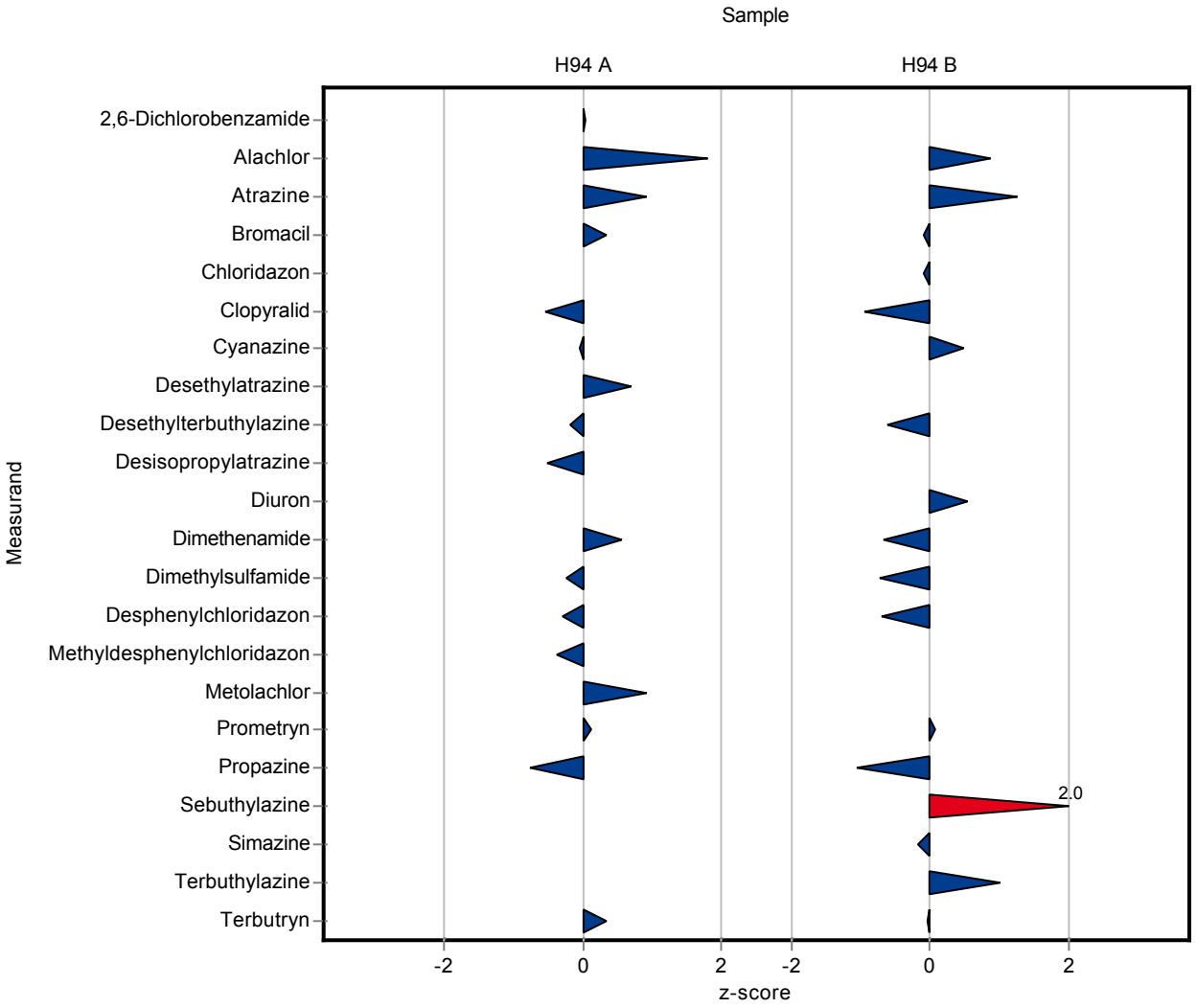
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	0.552	0.082	0.0612	100	0.03
Alachlor	µg/l	0.343	± 0.0247	0.402	0.06	0.0329	117	1.8
Atrazine	µg/l	0.464	± 0.0232	0.502	0.075	0.0409	108	0.92
Bromacil	µg/l	0.737	± 0.0683	0.767	0.115	0.091	104	0.33
Chloridazon	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	0.423	0.063	0.0638	92.3	-0.55
Cyanazine	µg/l	0.627	± 0.0666	0.623	0.094	0.0993	99.3	-0.04
Desethylatrazine	µg/l	1.17	± 0.1	1.29	0.195	0.167	110	0.71
Desethyldesisopropylatrazine	µg/l	-	± -	0.38	0.057	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	0.633	0.095	0.0544	98.4	-0.19
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.155	0.023	0.0195	93.9	-0.52
Diuron	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	0.415	0.062	0.0394	105	0.55
Dimethylsulfamide	µg/l	0.358	± 0.137	0.33	0.049	0.112	92.3	-0.25
Desphenylchloridazon	µg/l	0.303	± 0.0487	0.288	0.04	0.0514	94.9	-0.3
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	0.109	0.016	0.0133	95.5	-0.39
Metolachlor	µg/l	0.0934	± 0.00656	0.103	0.015	0.0105	110	0.91
Nicosulfurone	µg/l	-	± -	0.157	0.024	-	-	-
Prometryn	µg/l	0.375	± 0.0292	0.379	0.057	0.0377	101	0.11
Propazine	µg/l	0.151	± 0.0137	0.134	0.0201	0.0219	88.9	-0.77
Sebuthylazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Simazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Terbuthylazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	0.392	0.06	0.0249	102	0.34

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	0.537	0.081	0.0179	103	0.88
Atrazine	µg/l	0.355	± 0.0194	0.397	0.06	0.0329	112	1.26
Bromacil	µg/l	0.82	± 0.0795	0.81	0.121	0.103	98.8	-0.1
Chloridazon	µg/l	0.321	± 0.0282	0.318	0.057	0.0364	99	-0.09
Clopyralid	µg/l	0.609	± 0.0638	0.56	0.084	0.0521	91.9	-0.95
Cyanazine	µg/l	0.143	± 0.0157	0.154	0.023	0.0228	108	0.5
Desethylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-

Summary of results Pesticides H94 Laboratory: LC0027

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	0.721	0.108	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	0.316	0.047	0.0205	96.3	-0.6
Desisopropylatrazine	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.093	0.014	0.0117	107	0.55
Dimethenamide	µg/l	0.574	±	0.0518	0.536	0.078	0.0573	93.5	-0.66
Dimethylsulfamide	µg/l	0.395	±	0.0857	0.345	0.052	0.07	87.3	-0.71
Desphenylchloridazon	µg/l	0.286	±	0.0392	0.257	0.038	0.0413	89.9	-0.7
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	<0.05 (LOQ)	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	0.298	0.045	-	-	-
Prometryn	µg/l	0.718	±	0.0375	0.722	0.11	0.0484	101	0.08
Propazine	µg/l	0.28	±	0.0144	0.257	0.038	0.022	91.8	-1.05
Sebuthylazine	µg/l	0.17	±	0.0119	0.199	0.03	0.0144	117	2.02
Simazine	µg/l	0.551	±	0.0366	0.541	0.081	0.0622	98.1	-0.17
Terbuthylazine	µg/l	0.0948	±	0.00676	0.106	0.016	0.011	112	1.01
Terbutryn	µg/l	0.753	±	0.043	0.751	0.114	0.0625	99.7	-0.04


Sample
H94 A
H94 B
Measurand
2,6-Dichlorobenzamide
Alachlor
Atrazine
Bromacil
Chloridazon
Clopyralid
Cyanazine
Desethylatrazine
Desethylterbuthylazine
Desisopropylatrazine
Diuron
Dimethenamide
Dimethylsulfamide
Desphenylchloridazon
Methyldesphenylchloridazon
Metolachlor
Prometryn
Propazine
Sebuthylazine
Simazine
Terbuthylazine
Terbutryn
2.0
-2
0
2
-2
0
2
z-score

The following results were achieved:

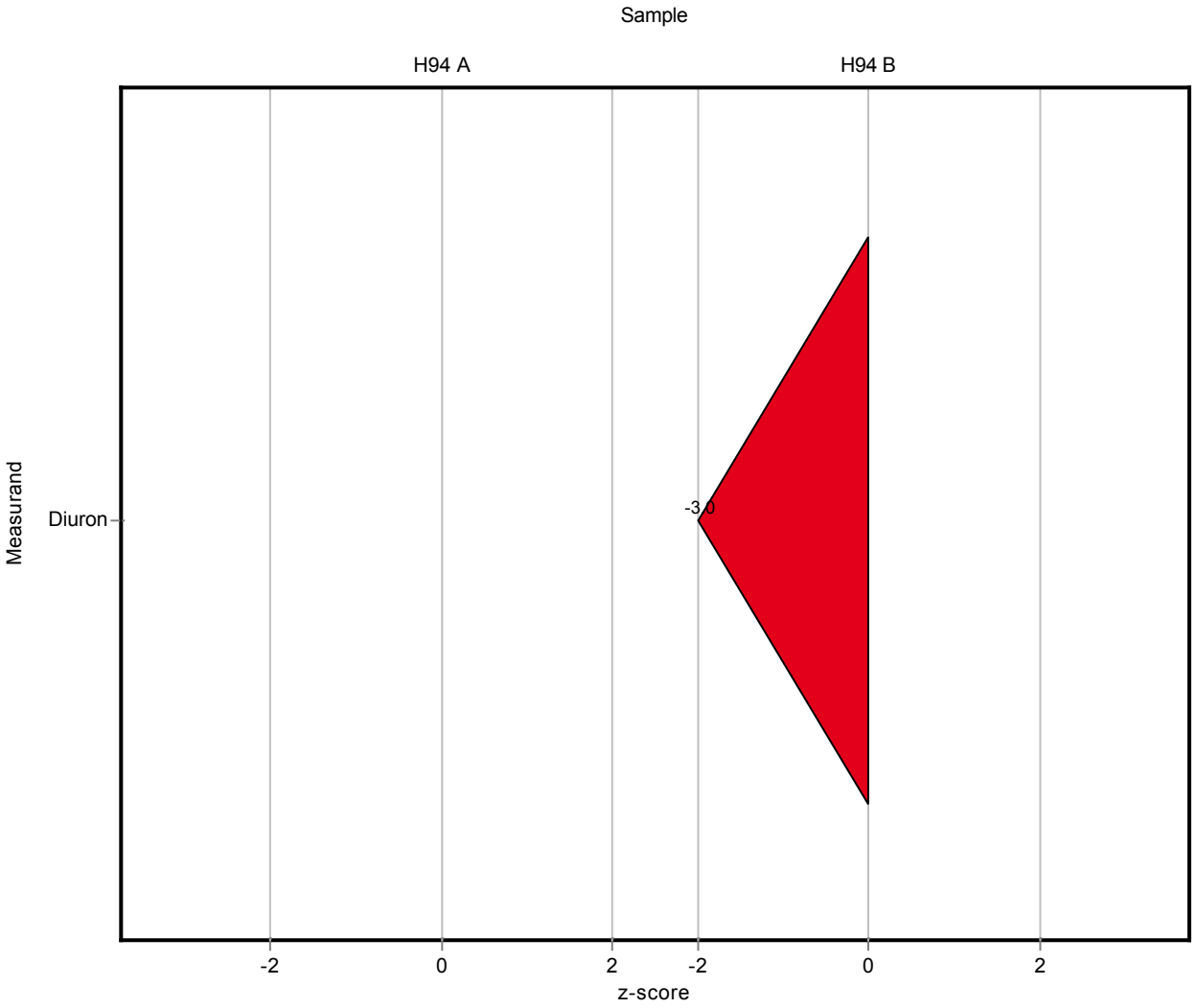
Sample: H94A

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	±	0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	±	0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	±	0.0232	-	-	0.0409	-	-
Bromacil	µg/l	0.737	±	0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	±	-	-	-	-	-	-
Clopyralid	µg/l	0.458	±	0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	±	0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	±	0.1	-	-	0.167	-	-
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	±	0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	±	0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Dimethenamide	µg/l	0.393	±	0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	±	0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	±	0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	±	0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	±	0.00656	-	-	0.0105	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.375	±	0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	±	0.0137	-	-	0.0219	-	-
Sebuthylazine	µg/l	-	±	-	-	-	-	-	-
Simazine	µg/l	-	±	-	-	-	-	-	-
Terbuthylazine	µg/l	-	±	-	-	-	-	-	-
Terbutryn	µg/l	0.384	±	0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	±	-	-	-	-	-	-
Alachlor	µg/l	0.521	±	0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	±	0.0194	-	-	0.0329	-	-
Bromacil	µg/l	0.82	±	0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	±	0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	±	0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	±	0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	±	-	-	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	± 0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Diuron	µg/l	0.0865	± 0.00718	0.051	0.01	0.0117	58.9	-3.03
Dimethenamide	µg/l	0.574	± 0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	± 0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	± 0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	± 0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.718	± 0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	± 0.0144	-	-	0.022	-	-
Sebuthylazine	µg/l	0.17	± 0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	± 0.0366	-	-	0.0622	-	-
Terbuthylazine	µg/l	0.0948	± 0.00676	-	-	0.011	-	-
Terbutryn	µg/l	0.753	± 0.043	-	-	0.0625	-	-


Sample
H94 A
H94 B
Measurand
Diuron
-3.0
-2
0
2
-2
0
2
z-score

The following results were achieved:

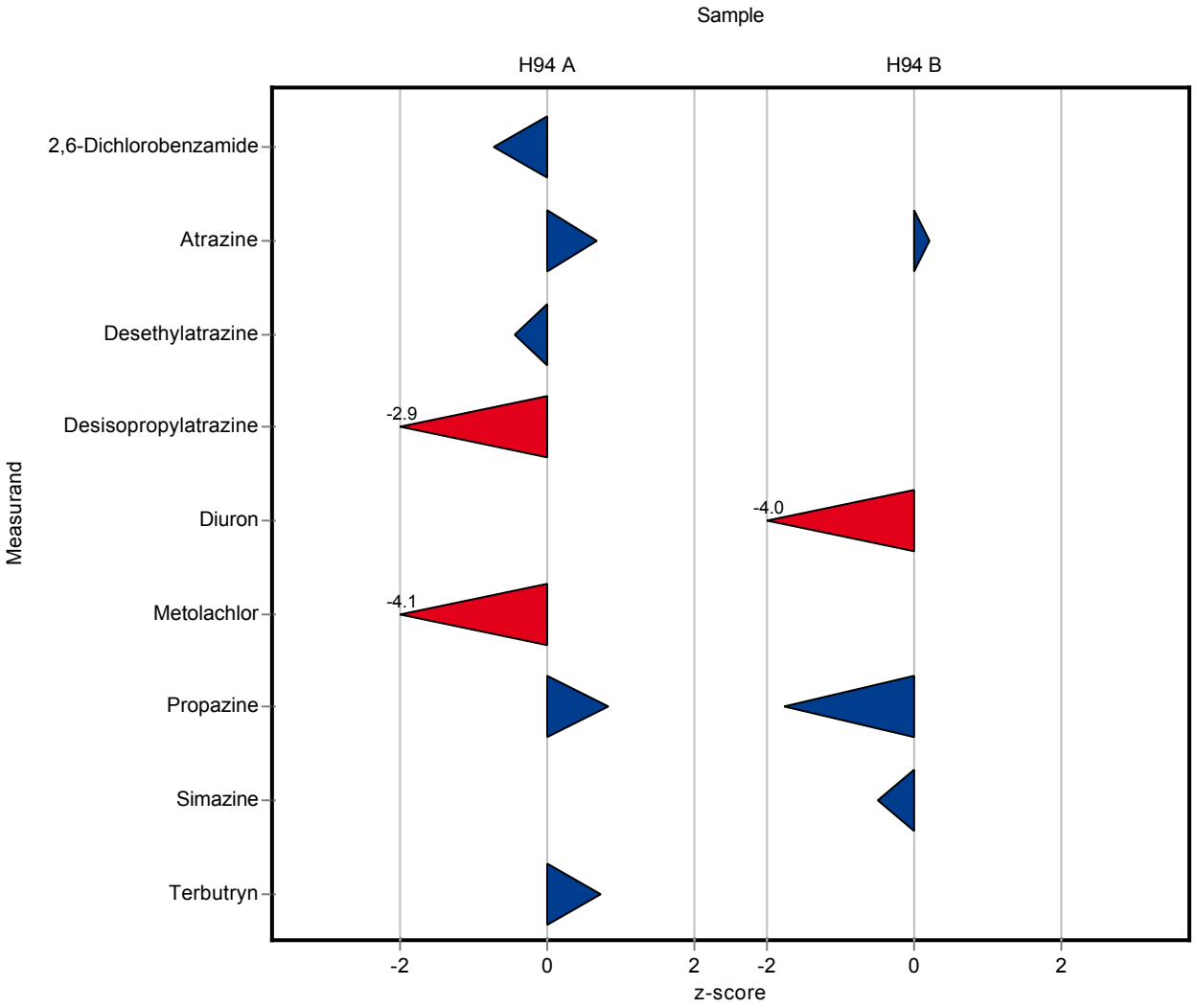
Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	0.505	0.0108	0.0612	91.8	-0.73
Alachlor	µg/l	0.343	± 0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	± 0.0232	0.492	0.049	0.0409	106	0.68
Bromacil	µg/l	0.737	± 0.0683	-	-	0.091	-	-
Chloridazon	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	<0.006 (LOD)	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	± 0.1	1.098	0.109	0.167	93.7	-0.45
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	-	-	0.0544	-	-
Desisopropylatrazine	µg/l	0.165	± 0.0134	0.108	0.011	0.0195	65.4	-2.93
Diuron	µg/l	-	± -	<0.01 (LOD)	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	0.05	0.005	0.0105	53.5	-4.14
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	± 0.0137	0.169	0.025	0.0219	112	0.83
Sebuthylazine	µg/l	-	± -	-	-	-	-	-
Simazine	µg/l	-	± -	<0.01 (LOD)	-	-	-	-
Terbuthylazine	µg/l	-	± -	<0.014 (LOD)	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	0.402	0.08	0.0249	105	0.74

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	<0.013 (LOD)	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	± 0.0194	0.362	0.037	0.0329	102	0.2
Bromacil	µg/l	0.82	± 0.0795	-	-	0.103	-	-
Chloridazon	µg/l	0.321	± 0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	<0.006 (LOD)	-	0.0228	-	-
Desethylatrazine	µg/l	-	± -	<0.011 (LOD)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	±	-	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	±	0.0149	-	-	0.0205	-	-
Desisopropylatrazine	µg/l	-	±	-	<0.005 (LOD)	-	-	-	-
Diuron	µg/l	0.0865	±	0.00718	0.04	0.004	0.0117	46.2	-3.97
Dimethenamide	µg/l	0.574	±	0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	±	0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	±	0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	±	0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	±	-	<0.012 (LOD)	-	-	-	-
Nicosulfurone	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.718	±	0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	±	0.0144	0.241	0.036	0.022	86.1	-1.78
Sebuthylazine	µg/l	0.17	±	0.0119	-	-	0.0144	-	-
Simazine	µg/l	0.551	±	0.0366	0.521	0.052	0.0622	94.5	-0.49
Terbuthylazine	µg/l	0.0948	±	0.00676	<0.014 (LOD)	-	0.011	-	-
Terbutryn	µg/l	0.753	±	0.043	<0.026 (LOD)	-	0.0625	-	-


Sample
H94 A
H94 B
2,6-Dichlorobenzamide
Atrazine
Desethylatrazine
Desisopropylatrazine
Diuron
Metolachlor
Propazine
Simazine
Terbutryn
Measurand
-2.9
-4.0
-4.1
-2
0
2
-2
0
2
z-score

The following results were achieved:

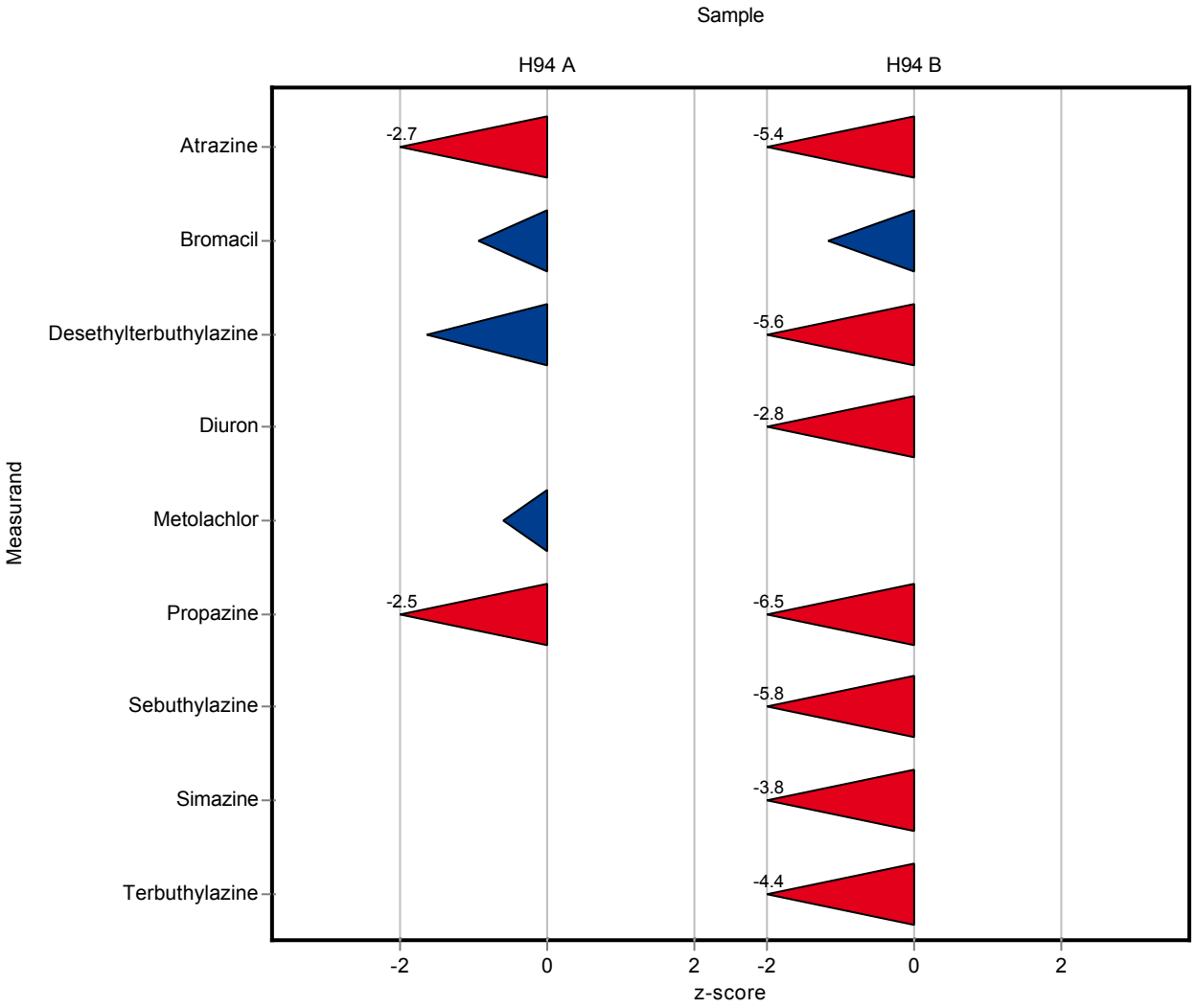
Sample: H94A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	0.55	± 0.04	-	-	0.0612	-	-
Alachlor	µg/l	0.343	± 0.0247	-	-	0.0329	-	-
Atrazine	µg/l	0.464	± 0.0232	0.352	-	0.0409	75.8	-2.75
Bromacil	µg/l	0.737	± 0.0683	0.651	-	0.091	88.3	-0.95
Chloridazon	µg/l	-	± -	-	-	-	-	-
Clopyralid	µg/l	0.458	± 0.0781	-	-	0.0638	-	-
Cyanazine	µg/l	0.627	± 0.0666	-	-	0.0993	-	-
Desethylatrazine	µg/l	1.17	± 0.1	-	-	0.167	-	-
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.643	± 0.0385	0.554	-	0.0544	86.1	-1.64
Desisopropylatrazine	µg/l	0.165	± 0.0134	-	-	0.0195	-	-
Diuron	µg/l	-	± -	-	-	-	-	-
Dimethenamide	µg/l	0.393	± 0.0357	-	-	0.0394	-	-
Dimethylsulfamide	µg/l	0.358	± 0.137	-	-	0.112	-	-
Desphenylchloridazon	µg/l	0.303	± 0.0487	-	-	0.0514	-	-
Methyldesphenylchloridazon	µg/l	0.114	± 0.012	-	-	0.0133	-	-
Metolachlor	µg/l	0.0934	± 0.00656	0.087	-	0.0105	93.1	-0.61
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.375	± 0.0292	-	-	0.0377	-	-
Propazine	µg/l	0.151	± 0.0137	0.096	-	0.0219	63.7	-2.5
Sebuthylazine	µg/l	-	± -	-	-	-	-	-
Simazine	µg/l	-	± -	-	-	-	-	-
Terbuthylazine	µg/l	-	± -	-	-	-	-	-
Terbutryn	µg/l	0.384	± 0.0172	-	-	0.0249	-	-

Sample: H94B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,6-Dichlorobenzamide	µg/l	-	± -	-	-	-	-	-
Alachlor	µg/l	0.521	± 0.0149	-	-	0.0179	-	-
Atrazine	µg/l	0.355	± 0.0194	0.179	-	0.0329	50.4	-5.36
Bromacil	µg/l	0.82	± 0.0795	0.7	-	0.103	85.3	-1.17
Chloridazon	µg/l	0.321	± 0.0282	-	-	0.0364	-	-
Clopyralid	µg/l	0.609	± 0.0638	-	-	0.0521	-	-
Cyanazine	µg/l	0.143	± 0.0157	-	-	0.0228	-	-
Desethylatrazine	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Desethyldesisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Desethylterbuthylazine	µg/l	0.328	± 0.0149	0.214	-	0.0205	65.2	-5.58
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-
Diuron	µg/l	0.0865	± 0.00718	0.054	-	0.0117	62.4	-2.77
Dimethenamide	µg/l	0.574	± 0.0518	-	-	0.0573	-	-
Dimethylsulfamide	µg/l	0.395	± 0.0857	-	-	0.07	-	-
Desphenylchloridazon	µg/l	0.286	± 0.0392	-	-	0.0413	-	-
Methyldesphenylchloridazon	µg/l	0.0204	± 0.00195	-	-	0.00172	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
Nicosulfurone	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.718	± 0.0375	-	-	0.0484	-	-
Propazine	µg/l	0.28	± 0.0144	0.138	-	0.022	49.3	-6.46
Sebuthylazine	µg/l	0.17	± 0.0119	0.086	-	0.0144	50.6	-5.85
Simazine	µg/l	0.551	± 0.0366	0.317	-	0.0622	57.5	-3.77
Terbuthylazine	µg/l	0.0948	± 0.00676	0.046	-	0.011	48.5	-4.42
Terbutryn	µg/l	0.753	± 0.043	-	-	0.0625	-	-


Sample
H94 A
H94 B
Measurand
Atrazine
Bromacil
Desethylterbuthylazine
Diuron
Metolachlor
Propazine
Sebuthylazine
Simazine
Terbuthylazine
-2.7
-5.4
-5.6
-2.8
-2.5
-6.5
-5.8
-3.8
-4.4
-2
0
2
z-score