

Proficiency Testing Scheme für die Wasseranalytik - Realproben H111 Herbizide/Pestizide

Proficiency Testing Scheme for Water Analysis - natural water samples H111 Herbicides/Pesticides

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D1. Beschreibung des Ringversuchs

D1.1. Ausgestaltung und Durchführung

- Anzahl der Anmeldungen: 23
- Anzahl der übermittelten Datensätze: 23
- Probenversand: 12.10.2021
- Einsendeschluss der Daten: 16.11.2021

Die Ergebnisabgabe erfolgte auf elektronischem Weg mittels passwortgeschützter Online-Dateneingabe. Beim Abschluss der Dateneingabe bestätigte der Teilnehmer die vollständige und korrekte Eingabe aller Daten und die Freigabe der Ergebnisse zur Auswertung.

Zur Anonymisierung der Ergebnisse wurde jedem Labor willkürlich ein Laborcode zugeteilt.

D1.2. Beschreibung der Prüfgegenstände

Die Probenahme von Grundwasser und von Oberflächenwasser erfolgte jeweils am 08.10.2021. Das Probenmaterial umfasste:

- 1 Probe Grundwasser (H111 A)
- 1 Probe Oberflächenwasser (H111 B)

Alle Proben wurden bis zur weiteren Verarbeitung gekühlt gelagert (4 +/-3°C).

Das Abfüllen der Proben erfolgte nach Filtration (40 µm) unter ständigem Rühren (Rührkessel). Die o.a. Proben wurden zusätzlich mit einzelnen Substanzen im Rührkessel dotiert. Die Stabilisierung erfolgte durch Kühlung.

Die homogenen Prüfgegenstände wurden am 12.10.2021 verschickt.

Jedes Teilnehmerlabor erhielt, je nach Bestellung:

- 2 Proben zu je 600 ml, abgefüllt in 2 x 300 ml Aluminium Flaschen oder
- 2 Proben zu je 2000 ml, abgefüllt in 2 x 1000 ml Aluminium Flaschen oder
- 2 Proben zu je 4000 ml, abgefüllt in 4 x 1000 ml Aluminium Flaschen

D1.3. Anweisungen für die Teilnehmer

Aus Stabilitätsgründen wurde empfohlen bis spätestens 20.10.2021 mit den Analysen zu beginnen.

Den Teilnehmern stand die Wahl der Analysemethoden bzw. der verwendeten Norm frei, welche mit ihrem Routineverfahren übereinstimmen sollte. Eine Übersicht der angewendeten Methoden findet sich unter E9.

D1.4. Kontrollanalytik zur Bewertung der Homogenität

Im Zuge der Abfüllung wurden zu willkürlichen Zeitpunkten mehrere Aliquote pro Probe zur Kontrollanalytik entnommen.

Es wurden für die A- bzw. B-Probe jeweils n=5 Kontrollproben sowie n=1 undotierte Realprobe dem Labor zur Analyse übergeben.

Die Parameter wurden in der Prüfstelle am Umweltbundesamt (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik, akkreditiert nach EN ISO/IEC 17025 für die angeführten Substanzen) zeitnah zum Probenversand analysiert.

Im Zuge der Auswertung wurde die relative Standardabweichung zwischen den Kontrollprobenabfüllungen bewertet und mit der Vergleichsstandardabweichung beim aktuellen Ringversuch verglichen.

Die Ergebnisse der Kontrollanalytik sind in der parameterorientierten Auswertung (E7) in Form von Mittelwerten \pm Messunsicherheit als Kontrollwert (control test value) \pm U gelistet (jeweils angegeben als erweiterte Messunsicherheit, k=2).

D1.5. Trendtest zur Bewertung der Stabilität

Die Bewertung der Stabilität der Prüfgegenstände (Realproben) erfolgte auf Basis der Datenstatistik aus den vergangenen Runden für Realproben im Zeitraum 2013 bis 2019.

Um die ausreichende Stabilität der Prüfgegenstände der aktuellen Eignungsprüfungsrunde bis zum Abgabetermin zu überprüfen, wurde die Darstellung der Teilnehmerergebnisse nach Analysendatum ausgewertet und auf systematische Trends geprüft (unauffällig). Durch Darstellung der Teilnehmerergebnisse nach Abfüllreihenfolge wurde auf das Vorliegen möglicher systematischer Trends der Ergebnisse geprüft (unauffällig).

Aufgrund der bisherigen Erfahrungen und aufgrund der Bewertungsgrundlagen der aktuellen Eignungsprüfungsrunde gilt die Stabilität der Prüfgegenstände für die im Bericht angeführten und bewerteten Substanzen im empfohlenen Zeitraum für die Analyse bis zum Abgabeschluss als gewährleistet.

D1.6. Ermittlung des zugewiesenen Wertes

Die Ergebnisse der Analysen mussten spätestens bis zum 16.11.2021 beim Veranstalter vorliegen. Später eingehende Werte wurden nicht berücksichtigt.

Im Zuge der Plausibilitätsprüfung der Daten (z.B. Check korrekte Einheiten, Messunsicherheitsangabe, ...) wurden die Teilnehmer mit auffälligen Ergebnissen zum erneuten Datencheck der Eingabe und um Rückmeldung binnen 24 h aufgefordert.

Nach Abschluss der Plausibilitätsprüfung, wurde der Ausreißertest nach Hampel durchgeführt und die Ausreißer ermittelt. Die von diesem Test auffällig eingestuft Werte wurden in der Auswertung gekennzeichnet („H“). In begründeten Fällen, z.B. wenn der Ausreißertest nach Hampel nicht anwendbar ist (z.B. Ergebnisse liegen sehr eng beieinander oder überwiegend selber Zahlenwert bzw. bei wenig abgegebenen Daten mit sehr hoher Streuung), kann eine Ausreißereliminierung nach weiteren Kriterien erfolgen (z.B. Dean- und Dixon Test bzw. manuelle Ausreißerdefinition aufgrund Expertenbefund). Diese Vorgangsweise wird nach Anwendung unter Punkt D4 des Berichts dokumentiert.

Die weitere Auswertung erfolgte gemäß ISO 5725-2. Eine statistische Auswertung der Ringversuchsdaten erfolgte erst ab zumindest 6 gültigen, numerischen Ergebnissen pro Parameter. Ergebnisse kleiner Bestimmungs- oder Nachweisgrenze wurden bei den Berechnungen nicht berücksichtigt.

Der zugewiesene Wert wird im Normalfall jeweils als der ausreißerbereinigte Mittelwert über alle übermittelten Ergebnisse gebildet.

Bei sehr hohen Streuungen der Teilnehmerergebnisse von über 50 % oder bei mangelhafter Rückführbarkeit der statistischen Kenndaten aus den ausreißerbereinigten Ergebnissen der Teilnehmer auf den Mittelwert des Kontrolllabores bzw. einer zu geringen Anzahl an ausreißerbereinigten Ergebnissen über die Gruppe der akkreditierten Labore, kann die Situation auftreten, dass kein zugewiesener Wert für den aktuellen Ringversuch festgelegt werden kann und daher keine Bewertung der Teilnehmerergebnisse für diesen Parameter möglich ist. Ein entsprechender Hinweis wird im Bericht unter E7 bei der informativen Auswertung angebracht. Im Rahmen der internen Qualitätssicherung der Teilnehmer kann ein Vergleich mit den Ergebnissen des Kontrolllabors durchgeführt werden. Diese

Vorgehensweise wird bei Anwendung jeweils parameter- und probenbezogen unter Punkt D4 des Berichts dokumentiert.

D2. Kriterien der Leistungsbewertung

D2.1. Leistungskriterium z-Score

Als Basis zur Berechnung der Wiederfindungsraten sowie der z-Scores wurde der ausreißerbereinigte Mittelwert über alle übermittelten Ergebnisse herangezogen.

Die Ermittlung der z-Scores erfolgte gemäß nachfolgender Formel:

$$z - score = \frac{x_i - \bar{X}}{\text{Kriterium}}$$

Dabei ist:

x_i	Messergebnis des teilnehmenden Labors
\bar{X}	zugewiesener Wert Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Teilnehmerergebnisse. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
<i>Kriterium</i>	Vergleichsstandardabweichung berechnet aus den Statistiken für reale Wasserproben der vorangegangenen Runden im Zeitraum 2013 bis 2019 (RSDpooled) bzw. aus den ausreißerbereinigten Teilnehmerergebnissen (sR) des aktuellen Ringversuchs (falls noch weniger als 6 vorangegangene Runden für A und B-Proben vorlagen). In begründeten Fällen (z.B. Ergebnisse Realproben nahe an Mindestbestimmungsgrenze oder regulatorischer Vorgaben) erfolgt die Festlegung nach Expertenbefund und die Vorgangsweise wird unter Punkt D4 des Berichts beschrieben.

D2.2. Leistungskriterium E_n-Score

Für die realen Wasserproben erfolgen seit 2019 zusätzliche Bewertungen unter Einbeziehung der erweiterten Messunsicherheiten der Teilnehmer und der erweiterten Messunsicherheit des zugewiesenen Wertes, gemäß E_n-Score. Diese Auswertungen werden für die Teilnehmer im Bericht unter Punkt E8, jeweils im Anschluss an die z-Score Auswertung dargestellt.

Die Ermittlung der E_n-Scores erfolgte gemäß nachfolgender Formel:

$$E_n - score = \frac{x_i - \bar{X}}{\sqrt{U(x_i)^2 + U(\bar{X})^2}}$$

Dabei ist:

x_i	Messergebnis des teilnehmenden Labors
\bar{X}	zugewiesener Wert Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Teilnehmerergebnisse. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
$U(x_i)$	erweiterte Messunsicherheit des Messergebnisses (Teilnehmerergebnis), $k=2$
$U(\bar{X})$	erweiterte Messunsicherheit des zugewiesenen Wertes, $k=2$

D2.3. Leistungsbewertung z-Score und E_n-Score

Interpretation der z-Scores:

- $|z\text{-Score}| \leq 2.0$ Ergebnis gut
- $2.0 < |z\text{-Score}| < 3.0$ Ergebnis fragwürdig
- $|z\text{-Score}| \geq 3.0$ Ergebnis nicht zufriedenstellend

Hinweis: Bei der Bewertung mittels z-Score wird die Messunsicherheit der Teilnehmer nicht mitberücksichtigt. Der Vergleich der Abweichung zum zugewiesenen Wert erfolgt über das Kriterium.

Interpretation der E_n-Scores:

- $|E_n\text{-Score}| \leq 1.0$ zufriedenstellende Leistung
- $|E_n\text{-Score}| > 1.0$ nicht zufriedenstellende Leistung

Hinweis: Bei der Bewertung mittels E_n-Score erfolgt die Berücksichtigung der erweiterten Messunsicherheiten der Teilnehmer und des zugewiesenen Wertes. $|E_n\text{-Score}| > 1.0$ können darauf hinweisen, dass die Unsicherheitsschätzungen überprüft oder ein Messproblem korrigiert werden muss.

D3. Darstellung und Interpretation der Messergebnisse

In der parameterorientierten Auswertung ist eine tabellarische Übersicht mit den Messergebnissen inklusive der Unsicherheit ($\pm U$), der Wiederfindung zum zugewiesenen Wert und dem berechneten z-Score dargestellt. Weiterhin werden unter

Anmerkungen die Ausreißer gekennzeichnet. Die in der Tabelle angeführten Ergebnisse werden auch grafisch dargestellt.

In der labororientierten Auswertung werden pro Labor in anonymisierter Form die Ergebnisse der einzelnen Labore als Messergebnis $\pm U$ sowie die Wiederfindungen und die ermittelten z-Scores bezugnehmend auf das Kriterium dargestellt. Weiters werden die E_n -Scores unter Berücksichtigung der erweiterten Unsicherheiten in unabhängigen Tabellen ausgegeben. Die labororientierten Auswertungen enthalten jeweils die Bewertungsgrundlagen wie zugewiesener Wert samt erweiterter Messunsicherheit sowie das Kriterium.

Eine Erläuterung zu den Tabellen und Grafiken kann Punkt D5 entnommen werden.

D4. Anmerkungen zur Auswertung

Wie unter Punkt D2 ersichtlich, können die z-Scores auch unter Einbeziehung der Vergleichsstandardabweichung der ausreißerbereinigten Teilnehmerergebnisse des aktuellen Ringversuchs berechnet werden. Das kann zur Folge haben, dass es bei Parametern mit hoher Ergebnisstreuung dazu kommen kann, dass der Bereich z-Score - 2 bis z-Score + 2 einen ungewöhnlich hohen Wiederfindungsbereich abdeckt. Umgekehrt führt eine sehr geringe Streuung der Teilnehmerergebnisse dazu, dass z-Score - 2 bis z-Score + 2 einen ungewöhnlich kleinen Wiederfindungsbereich abdeckt.

Die Wiederfindungsrate wird unabhängig von der Streuung der Ergebnisse, als prozentuelle Abweichung vom zugewiesenen Wert berechnet und sollte bei der Bewertung von Ergebnissen im Rahmen des internen Qualitätsmanagementsystems der teilnehmenden Labore berücksichtigt werden.

Als Ergebnis einer Langzeitauswertung über aktuell 7 Eignungsprüfungsrunden (2013–2019) in Realproben wurden Kriterien (RSDpooled) zur Ergebnisbewertung berechnet. Diese wurden im Zuge der Auswertung den relativen Vergleichsstandardabweichungen (vR) des aktuellen Ringversuchs gegenübergestellt.

Parameter Dinotefuran und Nitenpyram bei Probe H111 A und bei Probe H111 B: Aufgrund der geringen Anzahl an übermittelten gültigen Teilnehmerergebnissen ($n < 6$) konnte kein Sollwert berechnet werden. Für diese Parameter empfehlen wir einen Vergleich mit den Ergebnissen des Kontrolllabors.

Parameter Acetamiprid und Atrazin-desisoproyl bei Probe H111 A und Parameter Acetamiprid, Cyanazin und Thiametoxam bei Probe H111 B: Die auf Basis der Teilnehmerergebnisse berechneten Sollwerte lagen außerhalb der Messunsicherheit des Kontrollwertes und es ist über das Kontrolllabor keine Rückführbarkeit möglich.

Der zugewiesene Wert wurde daher über die ausreißerbereinigten Mittelwerte aus der Gruppe der akkreditierten Teilnehmer berechnet.

Parameter Acetamidrid bei Probe H111 A: Für diesen Parameter wurde die aufgerundete relative Vergleichsstandardabweichung (vR) von 9 % für die Bewertung gewählt.

Bei den restlichen Parametern erfolgt die Berechnung der Scores nach D2.

D5. Erläuterung zu Tabellen und Grafiken

D5.1. Angaben und Abkürzungen in Tabellen

Parameter	Allgemeine Bezeichnung des Analysenparameters
Probe	Bezeichnung der übermittelten Probe
Einheit	Vorgegebene Einheit für Messwert und Ergebnisunsicherheit (z.B. µg/l)
Zugewiesener Wert	Sollwert für die Leistungsbewertung der Teilnehmer (angegeben auf 3 signifikante Stellen)
U (k=2)	erweiterte Unsicherheit (k=2) des zugewiesenen Wertes, (angegeben auf 3 signifikante Stellen)
Kriterium	Vorgabewert zur Ermittlung des z-Scores in der angegebenen Einheit (angegeben auf 3 signifikante Stellen)
Kriterium [%]	Vorgabewert zur Ermittlung des z-Scores in % des zugewiesenen Wertes (angegeben auf 2 signifikante Stellen)
Mittelwert	Ausreißerbereinigter Mittelwert über die Teilnehmerergebnisse (angegeben auf 3 signifikante Stellen)
VB (99%)	99% Vertrauensbereich (angegeben auf 3 signifikante Stellen)
Minimum	Minimales abgegebenes Messergebnis, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
Maximum	Maximales abgegebenes Messergebnis, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
sR	Vergleichsstandardabweichung, berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
vR	relative Vergleichsstandardabweichung in %, berechnet aus den ausreißerbereinigten Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 2 signifikante Stellen)
Kontrollwert ±	Mittelwert der Kontrollmessungen des Veranstalters ±

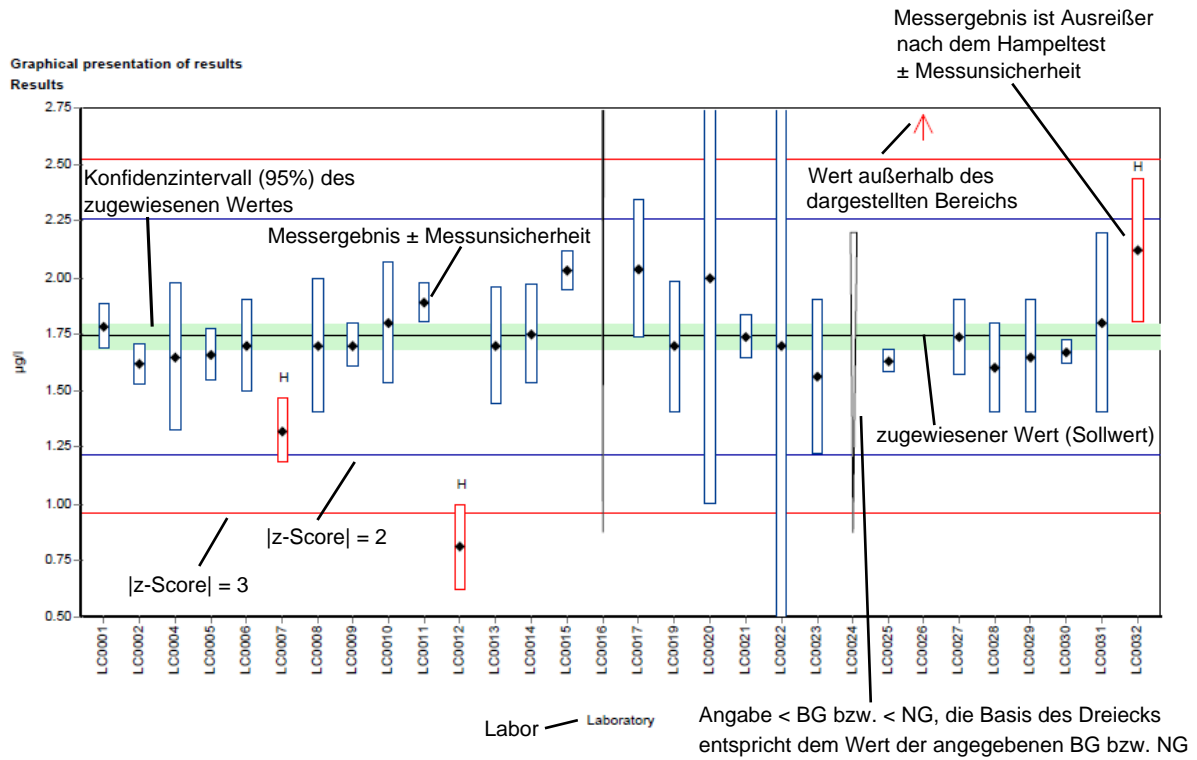
U (k=2)	erweiterte Ergebnisunsicherheit des Kontrollwertes (jeweils angegeben auf 3 signifikante Stellen)
Laborcode	anonymisierte, eindeutige Teilnehmerkennung im jeweiligen Ringversuch
Messwert	einzelne(r) Messwert(e) lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)
Messergebnis	Für die Bewertung herangezogenes Ergebnis lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt). Bei Eignungsprüfungsrunden mit Vorgabe von unabhängigen Mehrfachbestimmungen, entspricht dies dem berechneten Mittelwert aus den einzelnen Messwerten der Teilnehmer.
$\pm U$	kombinierte Messunsicherheit ohne Erweiterungsfaktor (k=1) lt. Teilnehmerangabe (maximal 5 Nachkommastellen dargestellt)
BG	Bestimmungsgrenze
NG	Nachweisgrenze
WF	Wiederfindungsrate in %, bezogen auf den zugewiesenen Wert (angegeben auf 3 signifikante Stellen, dargestellt maximal 1 Nachkommastelle)
MW	Mittelwert
z-Score	Abweichung des Messergebnisses zum zugewiesenen Wert, ausgedrückt als Vielfaches des Kriteriums (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen)
E _n -Score	Abweichung des Messergebnisses zum zugewiesenen Wert, ausgedrückt als Vielfaches der kombinierten Messunsicherheiten, bestehend aus erweiterter Unsicherheit des zugewiesenen Wertes und der erweiterten Unsicherheit der Messergebnisse der Teilnehmer (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen). Beim E _n -Score erfolgt die Berücksichtigung der Messunsicherheit der Teilnehmer.
-	Keine Daten übermittelt bzw. keine Berechnung möglich
Anmerkungen	Anmerkungen zum jeweiligen Messergebnis (z.B. H, FN, FP)
H	Ausreißer nach dem Hampel-Test
FN	Falsch negativ – Messergebnis kleiner Bestimmungsgrenze dessen Betrag die Bedingungen eines Ausreißers nach dem Hampeltest erfüllt.

FP	Falsch positiv – Falls aufgrund des geringen Analytgehalts kein zugewiesener Wert ermittelt werden kann ($n < 6$), wird der Median der Beträge der übermittelten Nachweis- bzw. Bestimmungsgrenzen ermittelt. Als falsch positiv wird ein Messergebnis bewertet, welches diesen Median um mehr als 100 % übersteigt.
Standardabweichung	Vergleichsstandardabweichung berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
rel. Standardabweichung	relative Vergleichsstandardabweichung in %, berechnet aus den Teilnehmerergebnissen des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)
n	Anzahl der Messergebnisse

D5.2. Graphische Darstellung der Ergebnisse

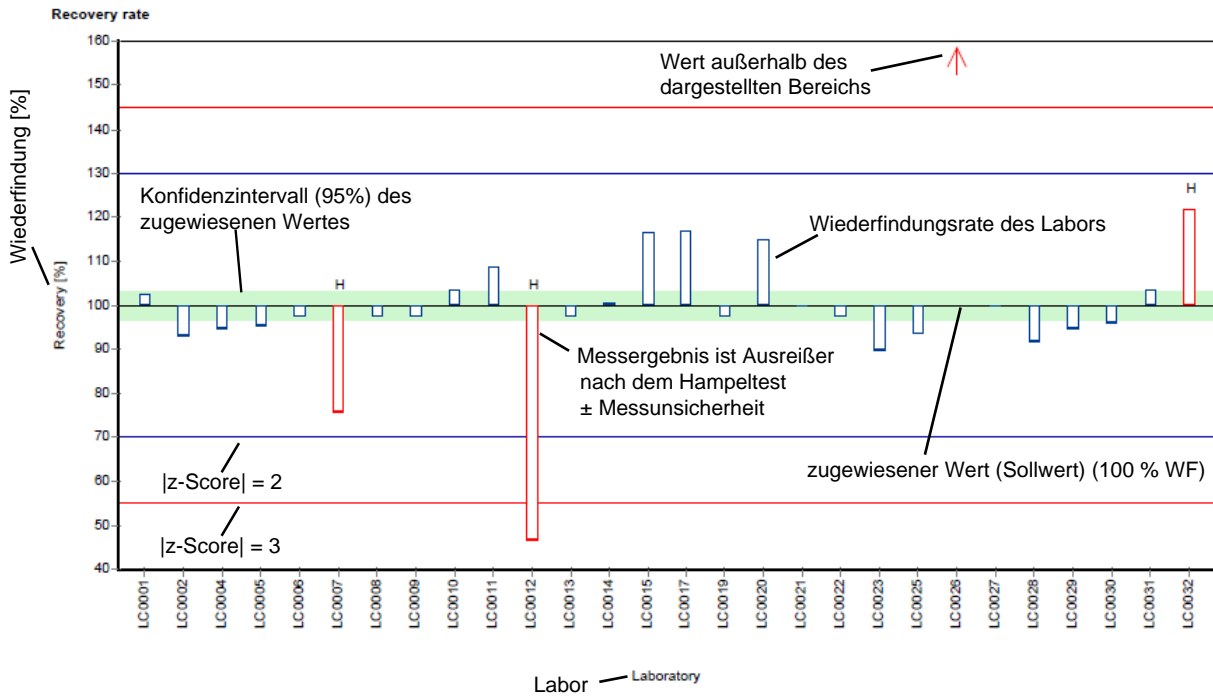
Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

Beispieldiagramm: Messwerte



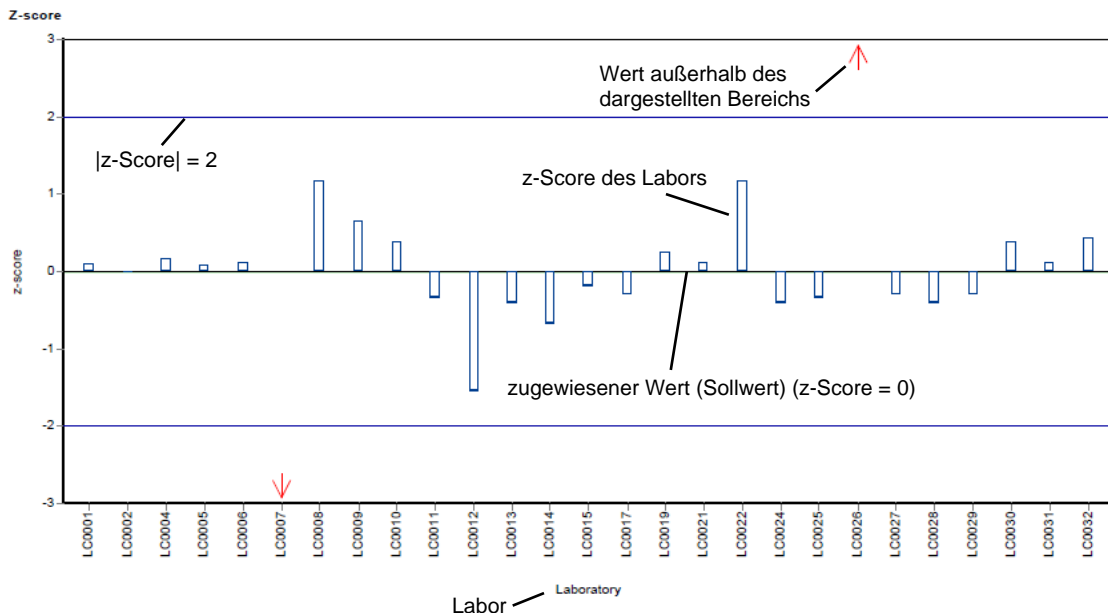
Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: Wiederfindung zum zugewiesenen Wert



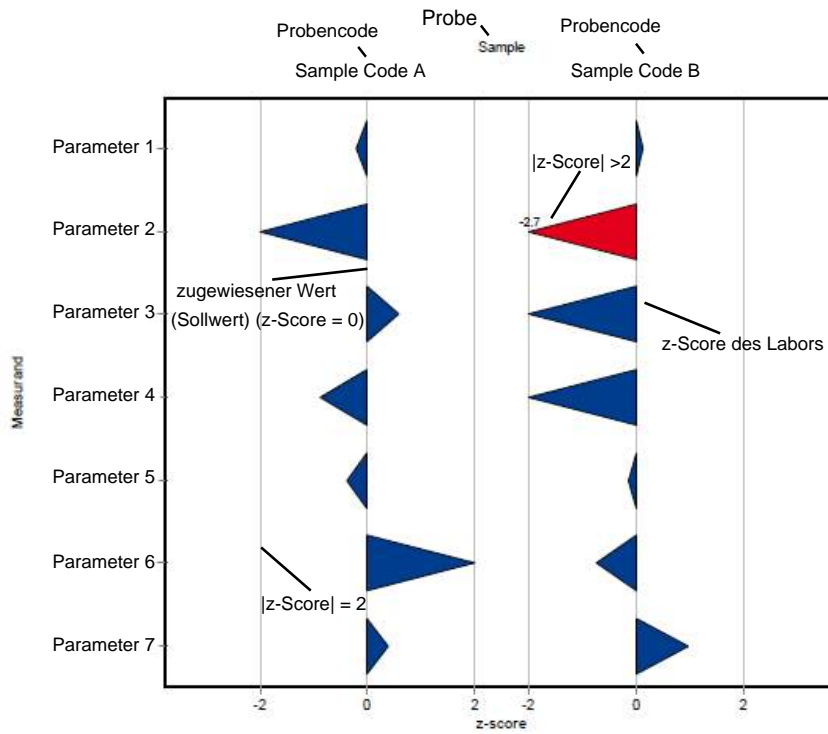
Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: z-Score

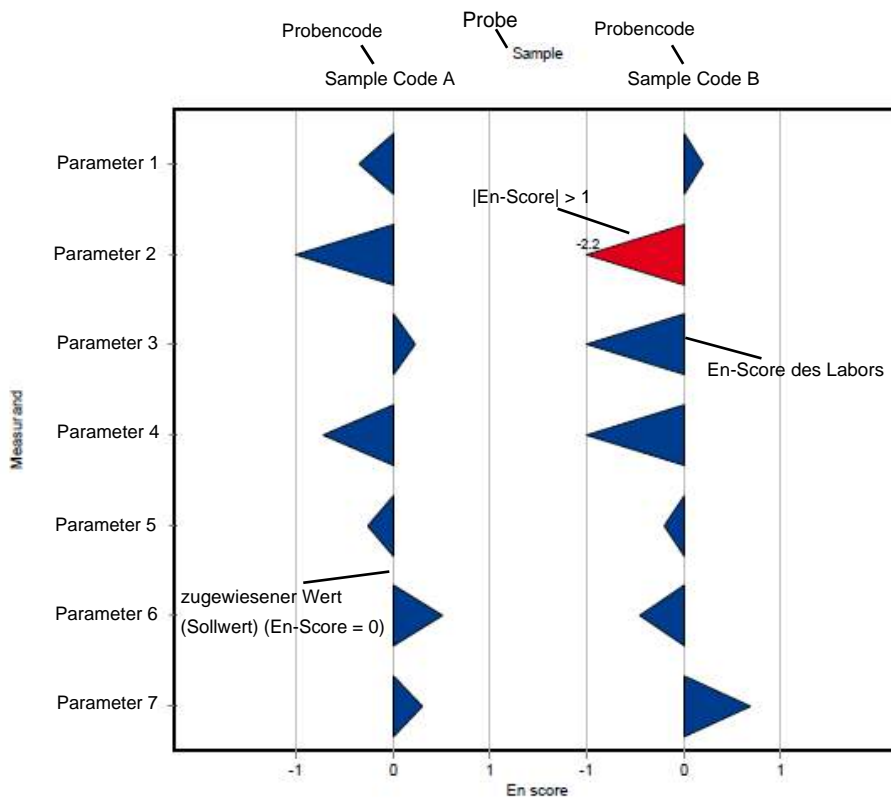


Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: z-Score (labororientierte Auswertung)



Beispieldiagramm: En-Score (labororientierte Auswertung)



D6. Zusammenfassung

D6.1. Tabelle der zugewiesenen Werte

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Acetamidiprid	H111 A	µg/l	0.448	±	0.0286	0.0403	9
	H111 B	µg/l	1.49	±	0.0933	0.146	9.8
Aldrin	H111 A	µg/l	0.307	±	0.0373	0.135	44
	H111 B	µg/l	0.52	±	0.066	0.229	44
Atrazin	H111 A	µg/l	0.409	±	0.0147	0.045	11
	H111 B	µg/l	1.17	±	0.0497	0.129	11
Atrazin-Desethyl	H111 A	µg/l	0.572	±	0.0279	0.0687	12
	H111 B	µg/l	0.846	±	0.0593	0.102	12
Atrazin-Desisopropyl	H111 A	µg/l	0.395	±	0.0155	0.0554	14
	H111 B	µg/l	1.49	±	0.0658	0.208	14
Bromacil	H111 A	µg/l	0.396	±	0.0267	0.0555	14
	H111 B	µg/l	0.895	±	0.0512	0.125	14
Clothianidin	H111 A	µg/l	0.253	±	0.022	0.0279	11
	H111 B	µg/l	0.917	±	0.0705	0.101	11
Cyanazin	H111 A	µg/l	0.565	±	0.036	0.0791	14
	H111 B	µg/l	1.44	±	0.0964	0.202	14
Dieldrin	H111 A	µg/l	0.387	±	0.0252	0.0889	23
	H111 B	µg/l	0.763	±	0.0561	0.176	23
Dinotefuran*	H111 A	µg/l	-	±	-	-	-
	H111 B	µg/l	-	±	-	-	-
Endrin	H111 A	µg/l	0.416	±	0.0332	0.0749	18
	H111 B	µg/l	0.903	±	0.166	0.162	18
Heptachlor	H111 A	µg/l	0.277	±	0.00881	0.128	46
	H111 B	µg/l	0.596	±	0.039	0.274	46
Imidacloprid	H111 A	µg/l	0.165	±	0.0133	0.0247	15
	H111 B	µg/l	0.493	±	0.0251	0.0739	15
Lindan (Gamma-HCH)	H111 A	µg/l	0.349	±	0.028	0.0698	20
	H111 B	µg/l	0.838	±	0.0921	0.168	20
Nitenpyram*	H111 A	µg/l	-	±	-	-	-
	H111 B	µg/l	-	±	-	-	-
Prometryn	H111 A	µg/l	0.279	±	0.0175	0.0363	13
	H111 B	µg/l	1.61	±	0.111	0.21	13
Propazin	H111 A	µg/l	0.269	±	0.0111	0.035	13
	H111 B	µg/l	1.13	±	0.0632	0.147	13
Summe Chlordan	H111 A	µg/l	0.202	±	0.0192	0.0606	30
	H111 B	µg/l	0.648	±	0.0951	0.194	30
Summe DDD	H111 A	µg/l	0.734	±	0.0881	0.272	37
	H111 B	µg/l	0.792	±	0.138	0.293	37
Summe DDE	H111 A	µg/l	0.74	±	0.0897	0.274	37
	H111 B	µg/l	0.672	±	0.0945	0.249	37
Summe DDT	H111 A	µg/l	0.513	±	0.0499	0.2	39
	H111 B	µg/l	0.633	±	0.147	0.247	39
Summe Endosulfan	H111 A	µg/l	0.286	±	0.0241	0.117	41
	H111 B	µg/l	0.353	±	0.0542	0.145	41
Thiacloprid	H111 A	µg/l	0.307	±	0.0214	0.043	14
	H111 B	µg/l	0.952	±	0.0399	0.133	14
Thiamethoxam	H111 A	µg/l	0.256	±	0.0126	0.0435	17

D6. Zusammenfassung

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Thiamethoxam	H111 B	µg/l	1.45	±	0.116	0.246	17

*Dinotefuran und Nitenpyram Probe H110A und H110B: Da weniger als 6 Ergebnisse vorlagen, konnte kein zugewiesener Wert festgelegt werden.

Im Rahmen der internen QS wird der Vergleich mit den Werten des Kontrolllabores empfohlen:

Dinotefuran

H110A: 0.44 µg/l +/- 0.066 U(k=2)

H110B: 0.936 µg/l +/- 0.14 U(k=2)

Nitenpyram

H110A: 0.305 µg/l +/- 0.0458 U(k=2)

H110B: 0.798 µg/l +/- 0.12 U(k=2)

D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Acetamidiprid	H111 A	10	0	µg/l	0.448	± 0.0378	0.4	0.525	0.0398	8.9
	H111 B	9	0	µg/l	1.47	± 0.143	1.22	1.66	0.143	9.8
Aldrin	H111 A	11	0	µg/l	0.307	± 0.0559	0.2	0.39	0.0618	20
	H111 B	11	0	µg/l	0.52	± 0.0991	0.32	0.67	0.11	21
Atrazin	H111 A	19	2	µg/l	0.409	± 0.022	0.355	0.467	0.032	7.8
	H111 B	18	1	µg/l	1.17	± 0.0745	1	1.37	0.105	9
Atrazin-Desethyl	H111 A	18	1	µg/l	0.572	± 0.0418	0.485	0.702	0.0591	10
	H111 B	19	0	µg/l	0.846	± 0.089	0.627	1.12	0.129	15
Atrazin-Desisopropyl	H111 A	20	0	µg/l	0.394	± 0.0187	0.351	0.443	0.0279	7.1
	H111 B	19	0	µg/l	1.49	± 0.0986	1.2	1.72	0.143	9.6
Bromacil	H111 A	14	1	µg/l	0.396	± 0.04	0.292	0.46	0.0499	13
	H111 B	12	2	µg/l	0.895	± 0.0768	0.68	1.04	0.0887	9.9
Clothianidin	H111 A	14	0	µg/l	0.253	± 0.033	0.166	0.318	0.0412	16
	H111 B	13	0	µg/l	0.917	± 0.106	0.651	1.17	0.127	14
Cyanazin	H111 A	11	0	µg/l	0.565	± 0.054	0.461	0.688	0.0597	11
	H111 B	11	0	µg/l	1.46	± 0.121	1.28	1.71	0.133	9.2
Dieldrin	H111 A	12	1	µg/l	0.387	± 0.0378	0.321	0.443	0.0436	11
	H111 B	12	0	µg/l	0.763	± 0.0842	0.619	0.9	0.0972	13
Dinotefuran	H111 A	2	0	µg/l	-	± -	0.36	0.485	-	-
	H111 B	2	0	µg/l	-	± -	0.86	1.11	-	-
Endrin	H111 A	6	0	µg/l	0.416	± 0.0498	0.38	0.49	0.0407	9.8
	H111 B	6	0	µg/l	0.903	± 0.249	0.737	1.29	0.204	23
Heptachlor	H111 A	9	2	µg/l	0.277	± 0.0132	0.263	0.298	0.0132	4.8
	H111 B	10	1	µg/l	0.596	± 0.0584	0.487	0.646	0.0616	10
Imidacloprid	H111 A	17	0	µg/l	0.165	± 0.0199	0.106	0.209	0.0274	17
	H111 B	15	1	µg/l	0.493	± 0.0377	0.41	0.588	0.0486	9.9

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
Lindan (Gamma-HCH)	H111 A	13	0	µg/l	0.349	± 0.042	0.274	0.442	0.0504	14
	H111 B	13	0	µg/l	0.838	± 0.138	0.618	1.2	0.166	20
Nitenpyram	H111 A	5	0	µg/l	-	± -	0.27	0.355	-	-
	H111 B	5	0	µg/l	-	± -	0.776	0.948	-	-
Prometryn	H111 A	12	0	µg/l	0.279	± 0.0263	0.231	0.322	0.0303	11
	H111 B	11	0	µg/l	1.61	± 0.166	1.29	1.83	0.184	11
Propazin	H111 A	17	1	µg/l	0.269	± 0.0166	0.216	0.306	0.0228	8.5
	H111 B	16	1	µg/l	1.13	± 0.0948	0.896	1.36	0.126	11
Summe Chlordan	H111 A	9	0	µg/l	0.202	± 0.0289	0.165	0.26	0.0289	14
	H111 B	9	0	µg/l	0.648	± 0.143	0.492	0.856	0.143	22
Summe DDD	H111 A	7	0	µg/l	0.734	± 0.132	0.55	0.86	0.117	16
	H111 B	7	0	µg/l	0.792	± 0.207	0.578	1.08	0.183	23
Summe DDE	H111 A	10	0	µg/l	0.74	± 0.135	0.544	0.964	0.142	19
	H111 B	9	1	µg/l	0.672	± 0.142	0.46	0.912	0.142	21
Summe DDT	H111 A	9	1	µg/l	0.513	± 0.0749	0.405	0.655	0.0749	15
	H111 B	10	0	µg/l	0.633	± 0.22	0.39	1.19	0.232	37
Summe Endosulfan	H111 A	7	0	µg/l	0.286	± 0.0361	0.24	0.322	0.0318	11
	H111 B	7	0	µg/l	0.353	± 0.0813	0.26	0.444	0.0717	20
Thiacloprid	H111 A	17	0	µg/l	0.307	± 0.0322	0.213	0.409	0.0442	14
	H111 B	14	2	µg/l	0.952	± 0.0599	0.798	1.08	0.0747	7.8
Thiamethoxam	H111 A	12	2	µg/l	0.256	± 0.0189	0.215	0.297	0.0219	8.5
	H111 B	13	0	µg/l	1.45	± 0.135	1.11	1.77	0.162	11

E1. Description of the proficiency test

E1.1. Design and implementation

- Number of registrations: 23
- Number of submitted data records: 23
- Dispatch of samples: October 12th, 2021
- Closing date for submission of data: November 16th, 2021

The results were submitted electronically by a password-protected online data entry. Upon completion of the data entry, the participant confirmed the complete and correct entry of all data and the authorization of the results for evaluation.

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

E1.2. Description of the proficiency test items

The sampling of ground water and surface water was carried out each on October 8th, 2021.

The following samples were made available

- 1 sample ground water (H111 A)
- 1 sample surface water (H111 B)

Both samples were stored at 4 +/- 3°C until further processing. The samples were filtered (40 µm) and partly spiked with specific substances in the stirring vessel.

The samples were filled into bottles under continuous stirring (stirring vessel) and stabilized by cooling.

The homogeneous proficiency test items were dispatched on October 12th, 2021.

All participating laboratories received (depending on the order):

- 2 samples (each 600 ml), filled in 2 x 300 ml aluminium bottles or
- 2 samples (each 2000 ml), filled in 2 x 1000 ml aluminium bottles or
- 2 samples (each 4000 ml), filled in 4 x 1000 ml aluminium bottles.

E1.3. Instructions for the participants

For reasons of stability, it was recommended to start the analysis by the 20th of October 2021 at the latest.

The participants are expected to use the test method or measurement method of their choice, which should be consistent with their routine procedures. In E9 you will find the overview of applied methods in course of the proficiency testing.

E1.4. Control testing for homogeneity evaluation

During filling of the bottles, aliquots of each sample were collected randomly for control testing. From each of the samples A and B, n=5 control test samples and n=1 unspiked real water sample were transferred to the laboratory for control testing.

The parameters were tested in the testing laboratory at the Environment Agency Austria (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik, accredited according to EN ISO/IEC 17025 for the listed parameters) close to the time of sample dispatch.

During evaluation the relative standard deviation between the individual results of the control test samples was assessed for each parameter by comparison with the reproducibility standard deviation of the actual proficiency test.

In the parameter-oriented evaluation (E7), the results of the control testing are given in the form of arithmetic means of the detected concentrations \pm expanded measurement uncertainty as control test value \pm U (expanded uncertainty, k=2).

E1.5. Trend test for stability evaluation

The evaluation of stability of the proficiency test items was performed using the data statistics of the results of previous proficiency testing rounds for real water samples of the period from 2013 to 2019.

The assessment of the stability of the proficiency test items of the current round was carried out by evaluation of all participant results sorted by analysis date (until submission deadline): No systematic trends were identified.

Using all participant results, it was furthermore tested, if systematic trends could be detected depending on the order in which the bottles were filled for the proficiency test: No systematic trends were identified.

According to data obtained from previous rounds for real water samples from 2013 to 2019 and based on the trend test evaluation of the current round, the stability of the test items for proficiency testing of real water samples can be confirmed for the recommended analysis period until deadline for submission of data.

E1.6. Determination of the assigned values

The analytical results had to be made available to the organiser not later than 16th of November 2021. Any values received at a later date were not considered.

In the course of the plausibility assessment of all received data (e.g. check for correct units, indication of measurement uncertainty, ...) the participants with noticeable results were asked to perform a subsequent data check and to give a prompt feedback within 24 h.

After plausibility assessment an outlier test according to Hampel was performed to identify outliers. Values identified as conspicuous are marked specifically in the parameter-oriented evaluation ('H').

In justified cases, for instance, when the outlier test according to Hampel is not applicable (e.g. many similar or identical results of the participants or in case of a very limited number of highly scattering results) a different outlier identification method can be applied (e.g. Dean and Dixon outlier test or manual outlier elimination by expert judgement). In such a case, this procedure is documented in section E4 of the report.

Further data evaluation was performed in accordance with ISO 5725-2. A statistical evaluation of proficiency testing data was only carried out if at least 6 valid results per parameter were available. Results < LOQ or < LOD are not included in the calculation for the assigned value.

The assigned values are normally calculated as the mean over all submitted results, after removal of outliers.

For real water samples in some exceptional cases it might occur, that no assigned value based on participants' results can be calculated and no evaluation of the participants results can be made. E.g due to large variations in the participant results ($vR > 50\%$) and/or insufficient traceability of the calculated mean of all participants after outlier-clearing to the mean of control testing or if the number of results (without outliers) of the group of accredited testing laboratories is too low.

In this case, a clear statement in section E7 of the report is made and all provided statistical data are for information only. In section E4 further information is given, when applicable, for each parameter and proficiency test item. In course of the internal quality measures, the participants can compare their results with the control test values.

E2. Criteria of performance evaluation

E2.1. Performance criterion z-Score

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

$$z - score = \frac{x_i - \bar{X}}{Criteria}$$

In this context,

x_i	is the measurement value (result) of the participating laboratory;
\bar{X}	assigned value the target value for the assessment of the performance of the participants (3 significant digits), normally the average value of the participants' results after removal of outliers; if this approach is not applicable, the target value is assigned according to the procedure given in section E4
Criteria	is the reproducibility standard deviation calculated from previous rounds for proficiency testing for real water samples from 2013 to 2019 (as RSD pooled) or from the participants' results after removal of outliers (sR) in the current round (if less than 6 previous rounds for the parameters of real water samples A and B are available). Where justified (e.g. results for real water samples are close to minimum quantification limit or in case of regulatory requirements) the criteria is defined by expert judgement and the procedure is clearly described in section E4 of the report.

E2.2. Performance criterion E_n-Score

Since 2019 additional assessment of the participants' results using E_n-Scores for proficiency testing of real water samples is performed. This additional assessment takes into account the expanded measurement uncertainties of the participants results and the expanded uncertainty of the assigned value and is provided in the laboratory oriented part of the report (see E8 after the z-scores evaluation).

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

$$E_n - score = \frac{x_i - \bar{X}}{\sqrt{U(x_i)^2 + U(\bar{X})^2}}$$

In this context,

x_i	is the measurement value (result) of the participating laboratory
\bar{X}	assigned value the target value for the assessment of the performance of the participants (3 significant digits), normally the average value of the participants' results after removal of outliers; if this approach is not applicable, the target value is assigned according to the procedure given in section E4
$U(x_i)$	expanded measurement uncertainty for the result of the participating laboratory, $k=2$
$U(\bar{X})$	expanded measurement uncertainty for the assigned value, $k=2$

E2.3. Performance evaluation z-Score and E_n -Score

Interpretation of z-Scores:

- $|z\text{-Score}| \leq 2.0$ good result
- $2.0 < |z\text{-Score}| < 3.0$ questionable result
- $|z\text{-Score}| \geq 3.0$ unsatisfactory result

Note: In case of assessment of the participants' performance by z-scores the measurement uncertainty of the participants' results is not taken into account. The difference between result of participants and the assigned value is evaluated by the criteria.

Interpretation of E_n -Scores:

- $|E_n\text{-Score}| \leq 1.0$ satisfactory performance
- $|E_n\text{-Score}| > 1.0$ unsatisfactory performance

Note: In case of assessment of the participants' performance by E_n -Scores the expanded measurement uncertainties for the results and for the assigned values are taken into account. $|E_n\text{-Score}| > 1.0$ might indicate to check the measurement uncertainty estimation or might point out to correct a measurement problem.

E3. Representation and interpretation of measurement results

The parameter-oriented report provides the measurement values (results) including uncertainty ($\pm U$), recovery rate, calculated z-Score and the outliers in tabular form. The results listed in the table are also represented graphically.

The laboratory oriented report shows the results of the individual laboratories (anonymous), including the measurement uncertainty ($\pm U$), recovery rates, z-Scores and additionally evaluation of E_n -Scores on separate pages.

The tables also contain the basis for the data assessment as the assigned values and expanded measurement uncertainties and the criteria.

An annotation of the tables and graphics is given in section E5.

E4. Explanatory notes

As explained in section E2, the z-Score can also be calculated using the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round. It might occur that the z-Score between -2 and 2 covers a large range of measurement values when the variance of the results is high. On the other hand, the range of good results can be very narrow, when the variation of the participants' results is small.

The recovery rate is calculated for the individual result based on the assigned value and is thus independent of the reproducibility standard deviation. In the case of a high variance of the results, participants should also consider recovery rates as additional criteria to decide on the necessity of internal quality assurance measures.

As a result of a long-term evaluation of 7 proficiency testing rounds (2013–2019) in real samples, evaluation criteria (RSDpool) were calculated. These criteria were compared with the relative reproducibility standard deviation (vR) of the current proficiency testing.

Parameter Dinotefurane and Nitenpyram sample H111 A and sample H111 B: Assigned values were not calculated because of the small number of submitted valid results ($n < 6$). For these parameters, we recommend to compare your results with the control test values.

Parameter Acetamiprid and Atrazin-desisoproyl sample H111 A and parameter Acetamiprid, Cyanazine und Thiametoxam sample H111 B: The assigned values calculated based on the participant results were outside of the measurement uncertainty of the control test value and thus traceability could not be proven by this procedure. Therefore, new assigned values were defined by the group of accredited participating laboratories after outlier-assessment.

Parameter Acetamiprid sample H111 A: For this parameter a reproducibility standard deviation (vR) of 9 % (rounded up) was chosen for assessment.

Scores for all other listed parameters were calculated according to E2.

E5. Annotations on tables and charts

E5.1. Information and abbreviations in tables

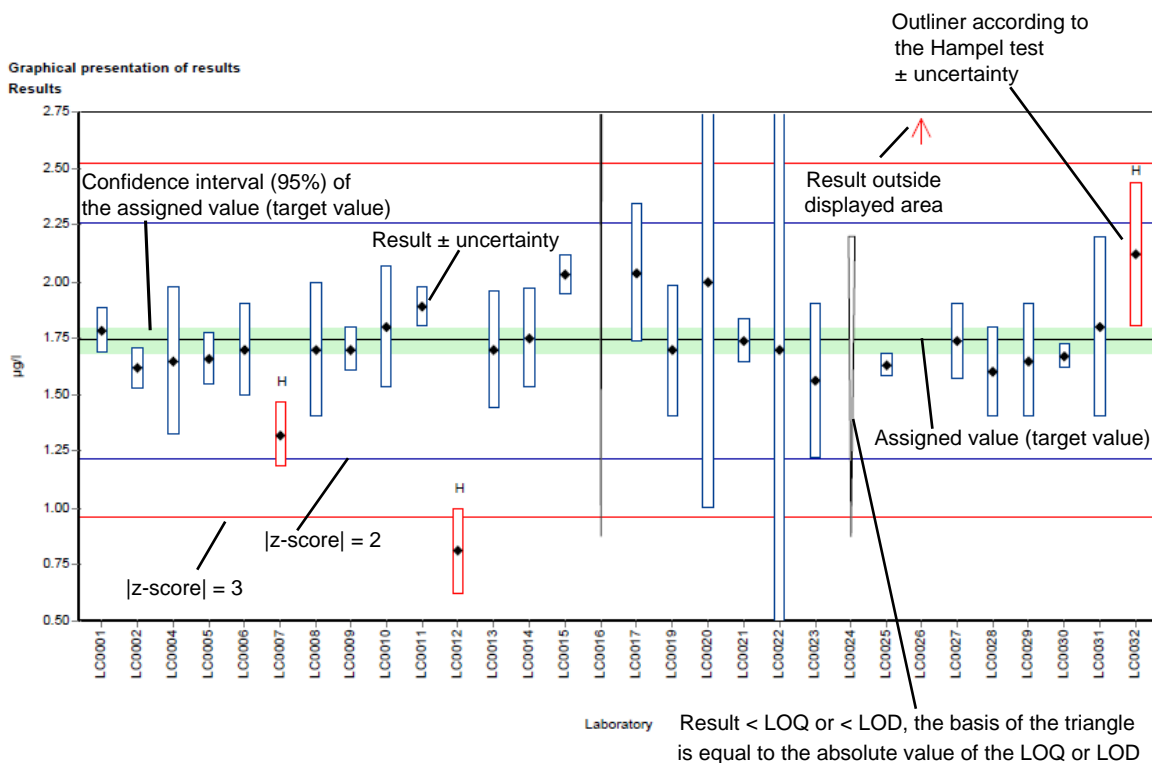
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criteria	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criteria [%]	Specified value for the determination of the z-score in % of the assigned value (2 significant digits)
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)
Control test value ± U (k=2)	Mean of control test value ± expanded measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result ± U	Result as indicated by participant (max. 5 decimal places) combined measurement uncertainty without expansion factor (k=1), as indicated by participant (max. 5 decimal places)
LOQ	Limit of quantification
LOD	Limit of detection
Recovery	Recovery rate in % based on assigned value (target value) (3 significant digits, max. one decimal place given)
z-Score	Deviation of result based on the assigned value (target value) given as a multiple of the criteria (3 significant digits, max. 2 decimal places given)

E _n -Score	Deviation of result based on the assigned value (target value) given as a multiple of the combined expanded measurement uncertainty of the participant's results and expanded measurement uncertainty for the assigned value (3 significant digits, max. 2 decimal places given). Note: E _n -Score assessment takes into account the measurement uncertainty of the participants.
-	No data available or no calculation possible
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

E5.2. Graphical presentation of results

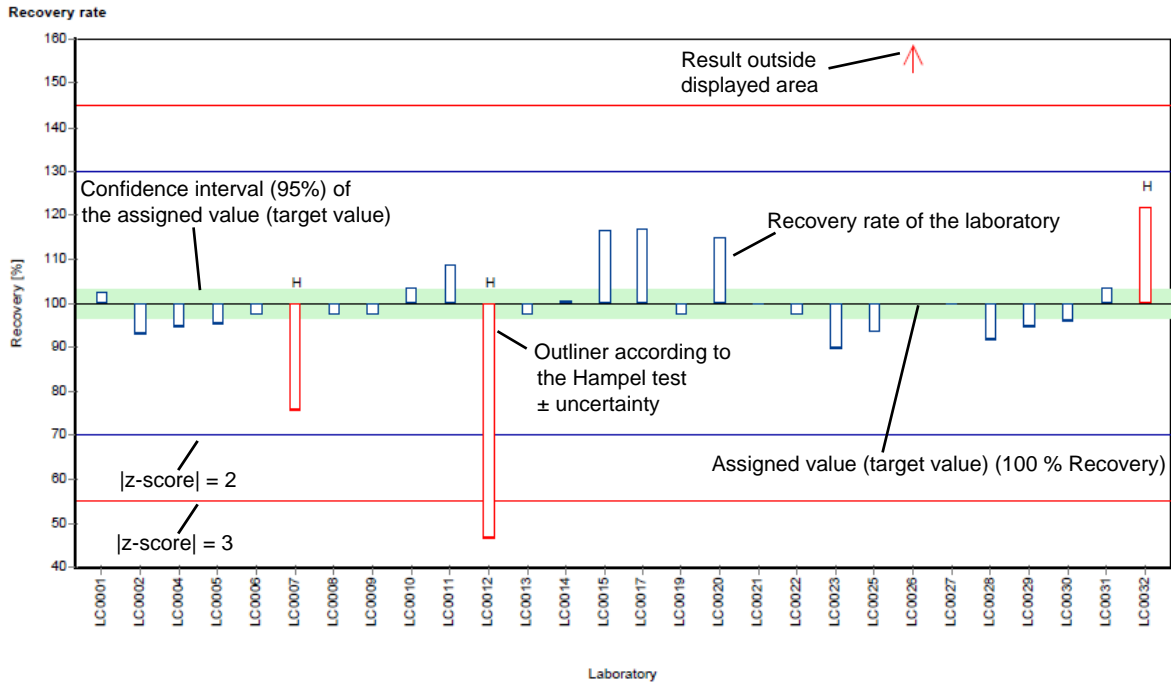
The graphic representation in the report is explained below by means of commented example diagrams:

Example chart: Results



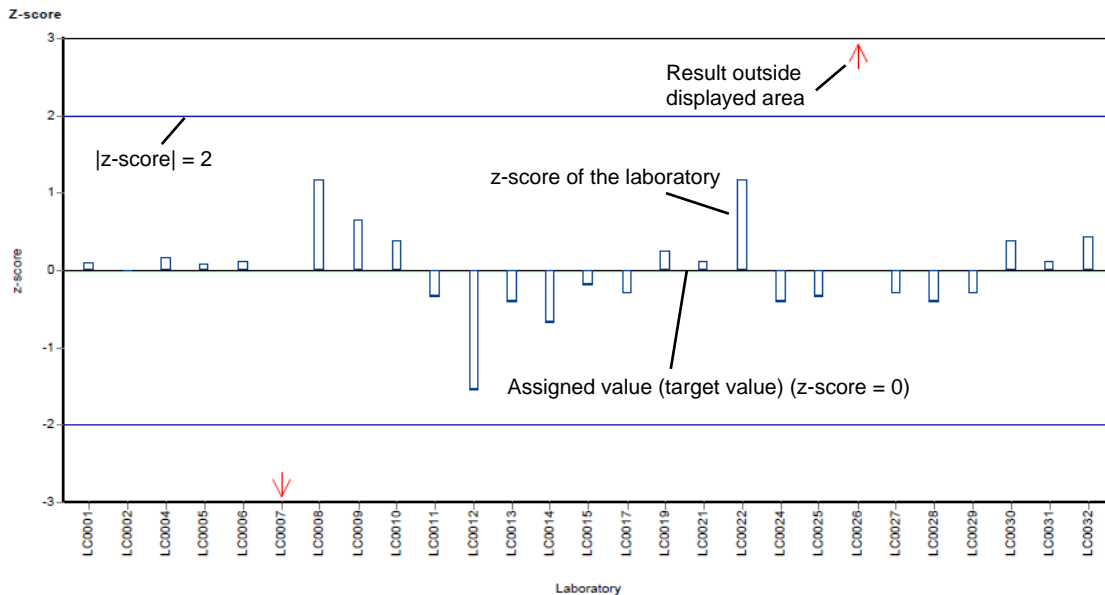
Different analysis methods are represented with different colors.

Example chart: Recovery



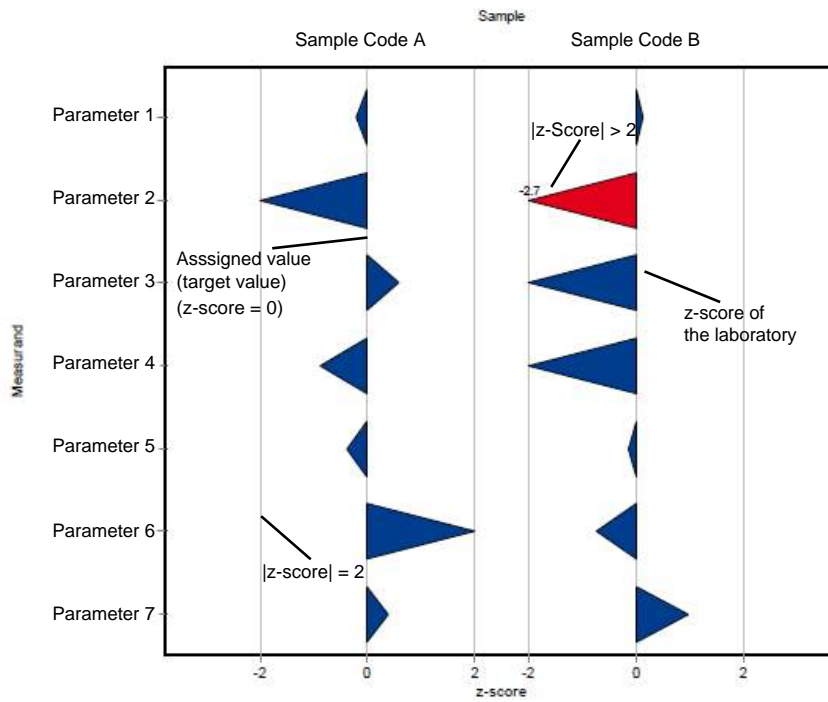
Different analysis methods are represented with different colors.

Example chart: z-score

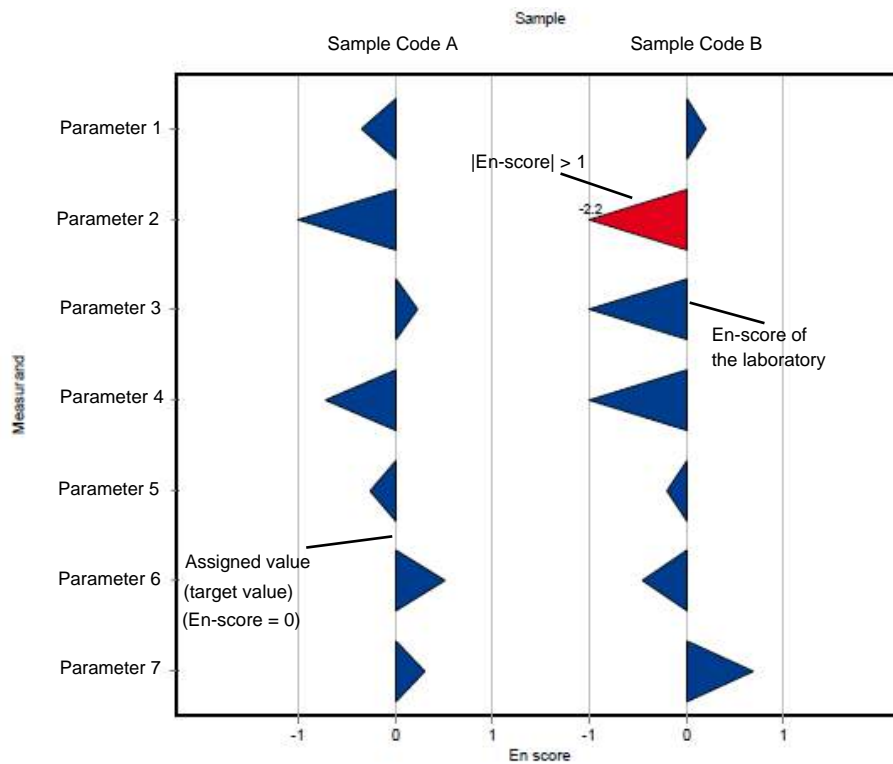


Different analysis methods are represented with different colors.

Example chart: z-score (laboratory oriented report)



Example chart: En-score (laboratory oriented report)



E6. Summary

E6.1. Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Acetamiprid	H111 A	µg/l	0.448 ±	0.0286	0.0403	9
	H111 B	µg/l	1.49 ±	0.0933	0.146	9.8
Aldrin	H111 A	µg/l	0.307 ±	0.0373	0.135	44
	H111 B	µg/l	0.52 ±	0.066	0.229	44
Atrazine	H111 A	µg/l	0.409 ±	0.0147	0.045	11
	H111 B	µg/l	1.17 ±	0.0497	0.129	11
Atrazine-desethyl	H111 A	µg/l	0.572 ±	0.0279	0.0687	12
	H111 B	µg/l	0.846 ±	0.0593	0.102	12
Atrazine-desisopropyl	H111 A	µg/l	0.395 ±	0.0155	0.0554	14
	H111 B	µg/l	1.49 ±	0.0658	0.208	14
Bromacil	H111 A	µg/l	0.396 ±	0.0267	0.0555	14
	H111 B	µg/l	0.895 ±	0.0512	0.125	14
Clothianidin	H111 A	µg/l	0.253 ±	0.022	0.0279	11
	H111 B	µg/l	0.917 ±	0.0705	0.101	11
Cyanazine	H111 A	µg/l	0.565 ±	0.036	0.0791	14
	H111 B	µg/l	1.44 ±	0.0964	0.202	14
Dieldrin	H111 A	µg/l	0.387 ±	0.0252	0.0889	23
	H111 B	µg/l	0.763 ±	0.0561	0.176	23
Dinotefurane*	H111 A	µg/l	- ±	-	-	-
	H111 B	µg/l	- ±	-	-	-
Endrin	H111 A	µg/l	0.416 ±	0.0332	0.0749	18
	H111 B	µg/l	0.903 ±	0.166	0.162	18
Heptachlor	H111 A	µg/l	0.277 ±	0.00881	0.128	46
	H111 B	µg/l	0.596 ±	0.039	0.274	46
Imidacloprid	H111 A	µg/l	0.165 ±	0.0133	0.0247	15
	H111 B	µg/l	0.493 ±	0.0251	0.0739	15
Lindane (Gamma-HCH)	H111 A	µg/l	0.349 ±	0.028	0.0698	20
	H111 B	µg/l	0.838 ±	0.0921	0.168	20
Nitenpyram*	H111 A	µg/l	- ±	-	-	-
	H111 B	µg/l	- ±	-	-	-
Prometryn	H111 A	µg/l	0.279 ±	0.0175	0.0363	13
	H111 B	µg/l	1.61 ±	0.111	0.21	13
Propazine	H111 A	µg/l	0.269 ±	0.0111	0.035	13
	H111 B	µg/l	1.13 ±	0.0632	0.147	13
Sum Chlordane	H111 A	µg/l	0.202 ±	0.0192	0.0606	30
	H111 B	µg/l	0.648 ±	0.0951	0.194	30
Sum DDD	H111 A	µg/l	0.734 ±	0.0881	0.272	37
	H111 B	µg/l	0.792 ±	0.138	0.293	37
Sum DDE	H111 A	µg/l	0.74 ±	0.0897	0.274	37
	H111 B	µg/l	0.672 ±	0.0945	0.249	37
Sum DDT	H111 A	µg/l	0.513 ±	0.0499	0.2	39
	H111 B	µg/l	0.633 ±	0.147	0.247	39
Sum Endosulfan	H111 A	µg/l	0.286 ±	0.0241	0.117	41
	H111 B	µg/l	0.353 ±	0.0542	0.145	41
Thiacloprid	H111 A	µg/l	0.307 ±	0.0214	0.043	14
	H111 B	µg/l	0.952 ±	0.0399	0.133	14
Thiamethoxam	H111 A	µg/l	0.256 ±	0.0126	0.0435	17

E6. Summary

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Thiamethoxam	H111 B	µg/l	1.45 ±	0.116	0.246	17

*Dinoturefane and Nitenpyram sample H110A and H110B: Since less than 6 results were available, no assigned value could be determined.

In the context of internal QA, comparison with the values of the control laboratory is recommended:

Dinoturefane

H110A: 0.44 µg/l +/- 0.066 U(k=2)

H110B: 0.936 µg/l +/- 0.14 U(k=2)

Nitenpyram

H110A: 0.305 µg/l +/- 0.0458 U(k=2)

H110B: 0.798 µg/l +/- 0.12 U(k=2)

E6.2. Summary of results, after removal of outliers

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
Acetamiprid	H111 A	10	0	µg/l	0.448	± 0.0378	0.4	0.525	0.0398	8.9
	H111 B	9	0	µg/l	1.47	± 0.143	1.22	1.66	0.143	9.8
Aldrin	H111 A	11	0	µg/l	0.307	± 0.0559	0.2	0.39	0.0618	20
	H111 B	11	0	µg/l	0.52	± 0.0991	0.32	0.67	0.11	21
Atrazine	H111 A	19	2	µg/l	0.409	± 0.022	0.355	0.467	0.032	7.8
	H111 B	18	1	µg/l	1.17	± 0.0745	1	1.37	0.105	9
Atrazine-desethyl	H111 A	18	1	µg/l	0.572	± 0.0418	0.485	0.702	0.0591	10
	H111 B	19	0	µg/l	0.846	± 0.089	0.627	1.12	0.129	15
Atrazine-desisopropyl	H111 A	20	0	µg/l	0.394	± 0.0187	0.351	0.443	0.0279	7.1
	H111 B	19	0	µg/l	1.49	± 0.0986	1.2	1.72	0.143	9.6
Bromacil	H111 A	14	1	µg/l	0.396	± 0.04	0.292	0.46	0.0499	13
	H111 B	12	2	µg/l	0.895	± 0.0768	0.68	1.04	0.0887	9.9
Clothianidin	H111 A	14	0	µg/l	0.253	± 0.033	0.166	0.318	0.0412	16
	H111 B	13	0	µg/l	0.917	± 0.106	0.651	1.17	0.127	14
Cyanazine	H111 A	11	0	µg/l	0.565	± 0.054	0.461	0.688	0.0597	11
	H111 B	11	0	µg/l	1.46	± 0.121	1.28	1.71	0.133	9.2
Dieldrin	H111 A	12	1	µg/l	0.387	± 0.0378	0.321	0.443	0.0436	11
	H111 B	12	0	µg/l	0.763	± 0.0842	0.619	0.9	0.0972	13
Dinotefurane	H111 A	2	0	µg/l	-	± -	0.36	0.485	-	-
	H111 B	2	0	µg/l	-	± -	0.86	1.11	-	-
Endrin	H111 A	6	0	µg/l	0.416	± 0.0498	0.38	0.49	0.0407	9.8
	H111 B	6	0	µg/l	0.903	± 0.249	0.737	1.29	0.204	23
Heptachlor	H111 A	9	2	µg/l	0.277	± 0.0132	0.263	0.298	0.0132	4.8
	H111 B	10	1	µg/l	0.596	± 0.0584	0.487	0.646	0.0616	10
Imidacloprid	H111 A	17	0	µg/l	0.165	± 0.0199	0.106	0.209	0.0274	17
	H111 B	15	1	µg/l	0.493	± 0.0377	0.41	0.588	0.0486	9.9
Lindane (Gamma-HCH)	H111 A	13	0	µg/l	0.349	± 0.042	0.274	0.442	0.0504	14

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
Lindane (Gamma-HCH)	H111 B	13	0	µg/l	0.838	± 0.138	0.618	1.2	0.166	20
Nitenpyram	H111 A	5	0	µg/l	-	± -	0.27	0.355	-	-
	H111 B	5	0	µg/l	-	± -	0.776	0.948	-	-
Prometryn	H111 A	12	0	µg/l	0.279	± 0.0263	0.231	0.322	0.0303	11
	H111 B	11	0	µg/l	1.61	± 0.166	1.29	1.83	0.184	11
Propazine	H111 A	17	1	µg/l	0.269	± 0.0166	0.216	0.306	0.0228	8.5
	H111 B	16	1	µg/l	1.13	± 0.0948	0.896	1.36	0.126	11
Sum Chlordane	H111 A	9	0	µg/l	0.202	± 0.0289	0.165	0.26	0.0289	14
	H111 B	9	0	µg/l	0.648	± 0.143	0.492	0.856	0.143	22
Sum DDD	H111 A	7	0	µg/l	0.734	± 0.132	0.55	0.86	0.117	16
	H111 B	7	0	µg/l	0.792	± 0.207	0.578	1.08	0.183	23
Sum DDE	H111 A	10	0	µg/l	0.74	± 0.135	0.544	0.964	0.142	19
	H111 B	9	1	µg/l	0.672	± 0.142	0.46	0.912	0.142	21
Sum DDT	H111 A	9	1	µg/l	0.513	± 0.0749	0.405	0.655	0.0749	15
	H111 B	10	0	µg/l	0.633	± 0.22	0.39	1.19	0.232	37
Sum Endosulfan	H111 A	7	0	µg/l	0.286	± 0.0361	0.24	0.322	0.0318	11
	H111 B	7	0	µg/l	0.353	± 0.0813	0.26	0.444	0.0717	20
Thiacloprid	H111 A	17	0	µg/l	0.307	± 0.0322	0.213	0.409	0.0442	14
	H111 B	14	2	µg/l	0.952	± 0.0599	0.798	1.08	0.0747	7.8
Thiamethoxam	H111 A	12	2	µg/l	0.256	± 0.0189	0.215	0.297	0.0219	8.5
	H111 B	13	0	µg/l	1.45	± 0.135	1.11	1.77	0.162	11

E7. Parameterorientierte Auswertung / Parameter oriented report

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Parameter oriented report

H111 A

Acetamiprid

Unit	µg/l
Assigned value ± U (k=2)	0.448 ± 0.0286
Criterion	0.0403 (9 %)
Minimum - Maximum	0.4 - 0.525
Control test value ± U (k=2)	0.226 ± 0.0338

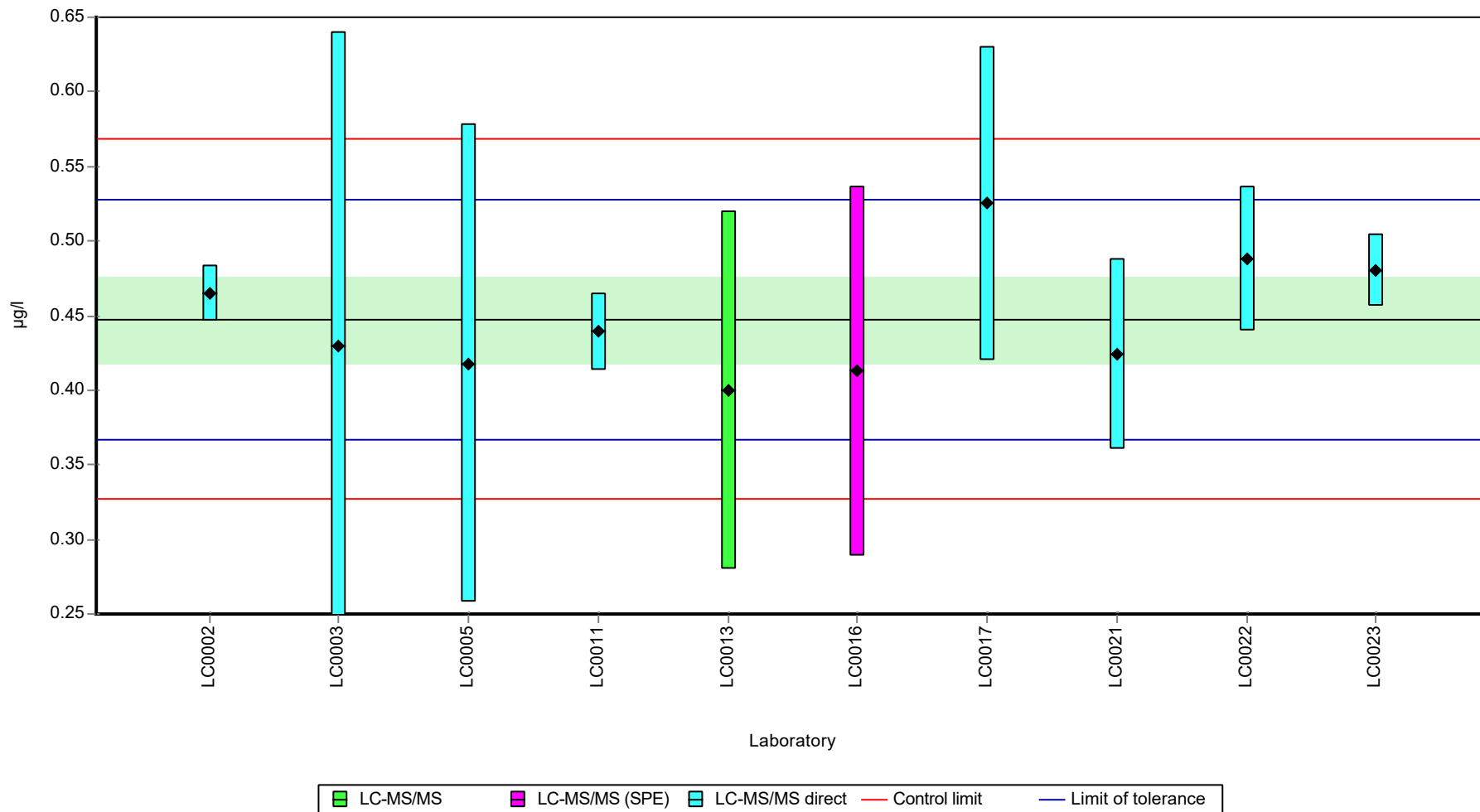
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.465	0.019	104	0.43	
LC0003	0.43	0.21	96.1	-0.44	
LC0004	-	-	-	-	
LC0005	0.418	0.16	93.4	-0.73	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.439	0.026	98.1	-0.21	
LC0012	-	-	-	-	
LC0013	0.4	0.12	89.4	-1.18	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.413	0.124	92.3	-0.86	
LC0017	0.525	0.105	117	1.92	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.424	0.064	94.7	-0.59	
LC0022	0.488	0.049	109	1	
LC0023	0.48	0.024	107	0.8	

Characteristics of parameter

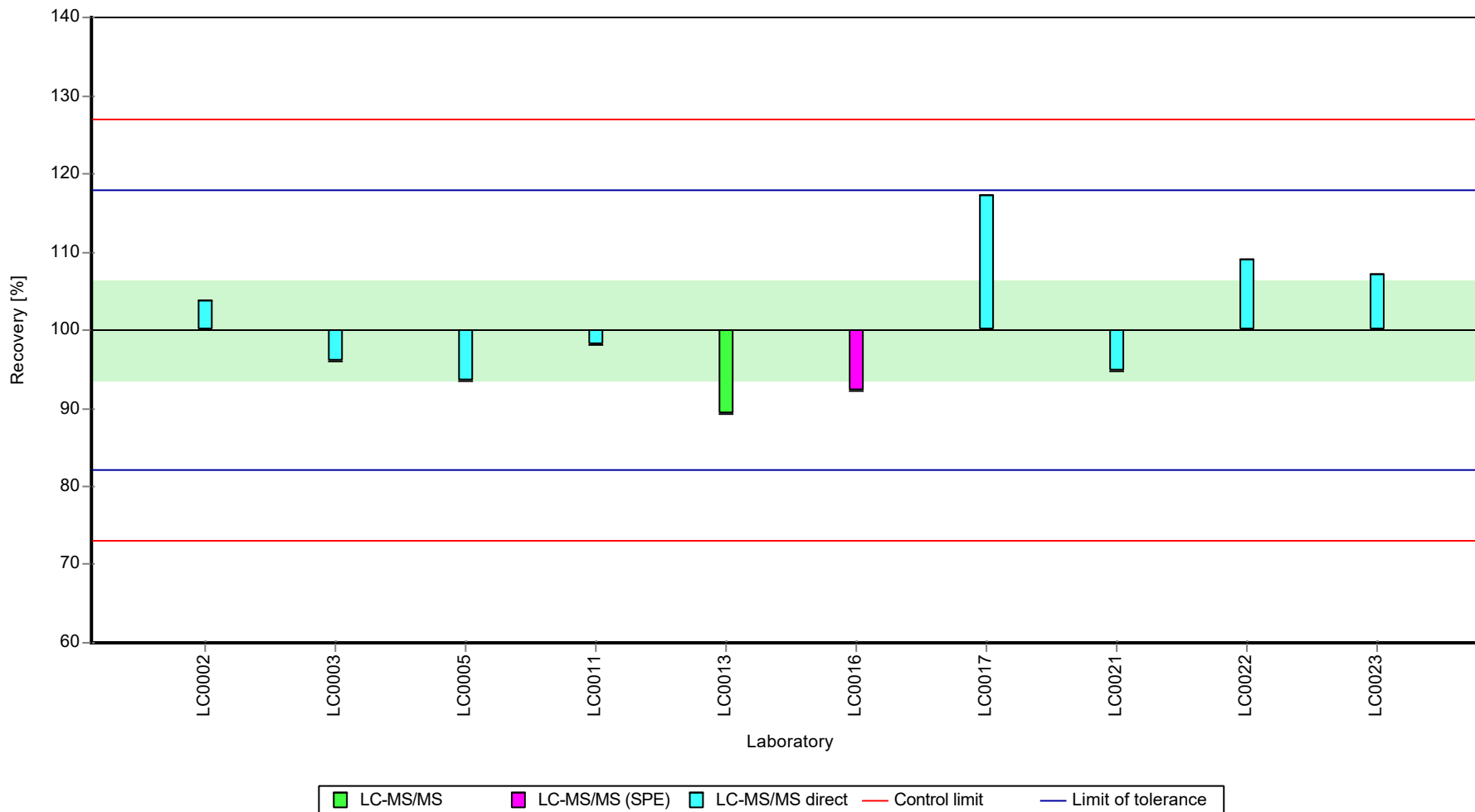
	all results	without outliers	Unit
Mean ± CI (99%)	0.448 ± 0.0378	0.448 ± 0.0378	µg/l
Minimum	0.4	0.4	µg/l
Maximum	0.525	0.525	µg/l
Standard deviation	0.0398	0.0398	µg/l
rel. standard deviation	8.88	8.88	%
n	10	10	-

Graphical presentation of results

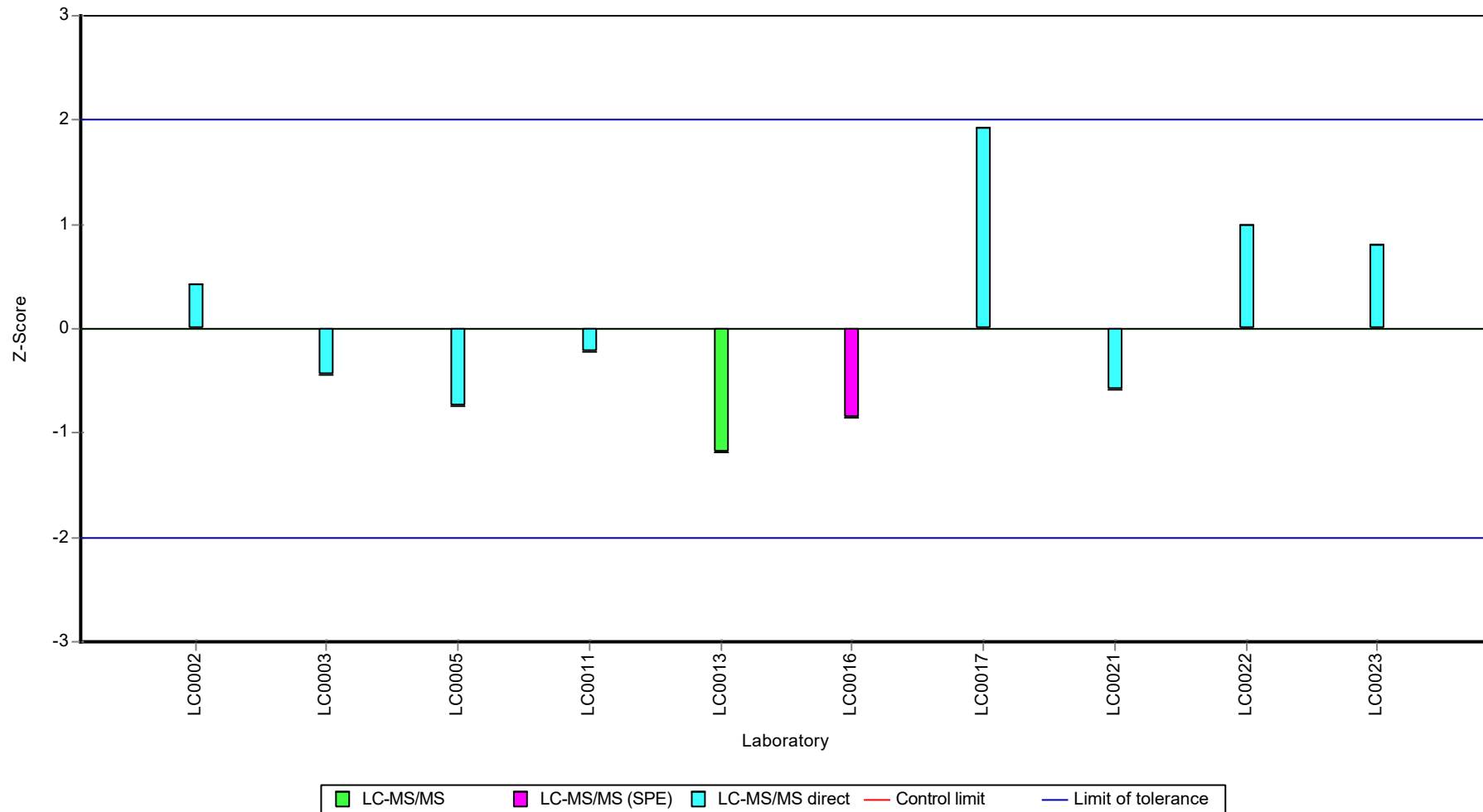
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Acetamiprid

Unit	µg/l
Assigned value ± U (k=2)	1.49 ± 0.0933
Criterion	0.146 (9.8 %)
Minimum - Maximum	1.22 - 1.66
Control test value ± U (k=2)	0.712 ± 0.107

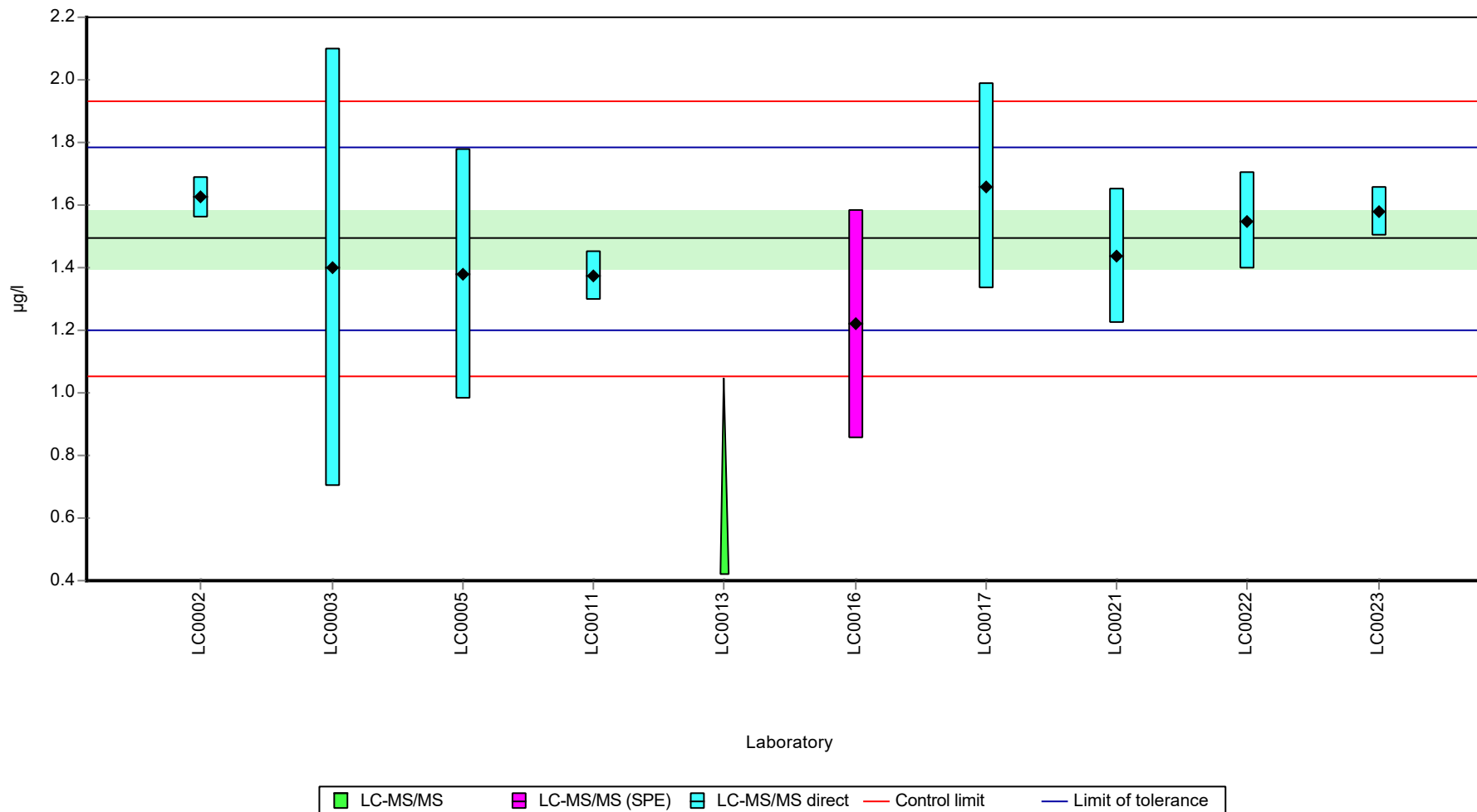
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	1.624	0.065	109	0.89	
LC0003	1.4	0.7	93.7	-0.64	
LC0004	-	-	-	-	
LC0005	1.38	0.4	92.4	-0.78	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	1.374	0.08	92	-0.82	
LC0012	-	-	-	-	
LC0013	>0.42	0.13	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	1.22	0.366	81.7	-1.87	
LC0017	1.66	0.331	111	1.14	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.436	0.215	96.2	-0.39	
LC0022	1.55	0.155	104	0.39	
LC0023	1.58	0.079	106	0.59	

Characteristics of parameter

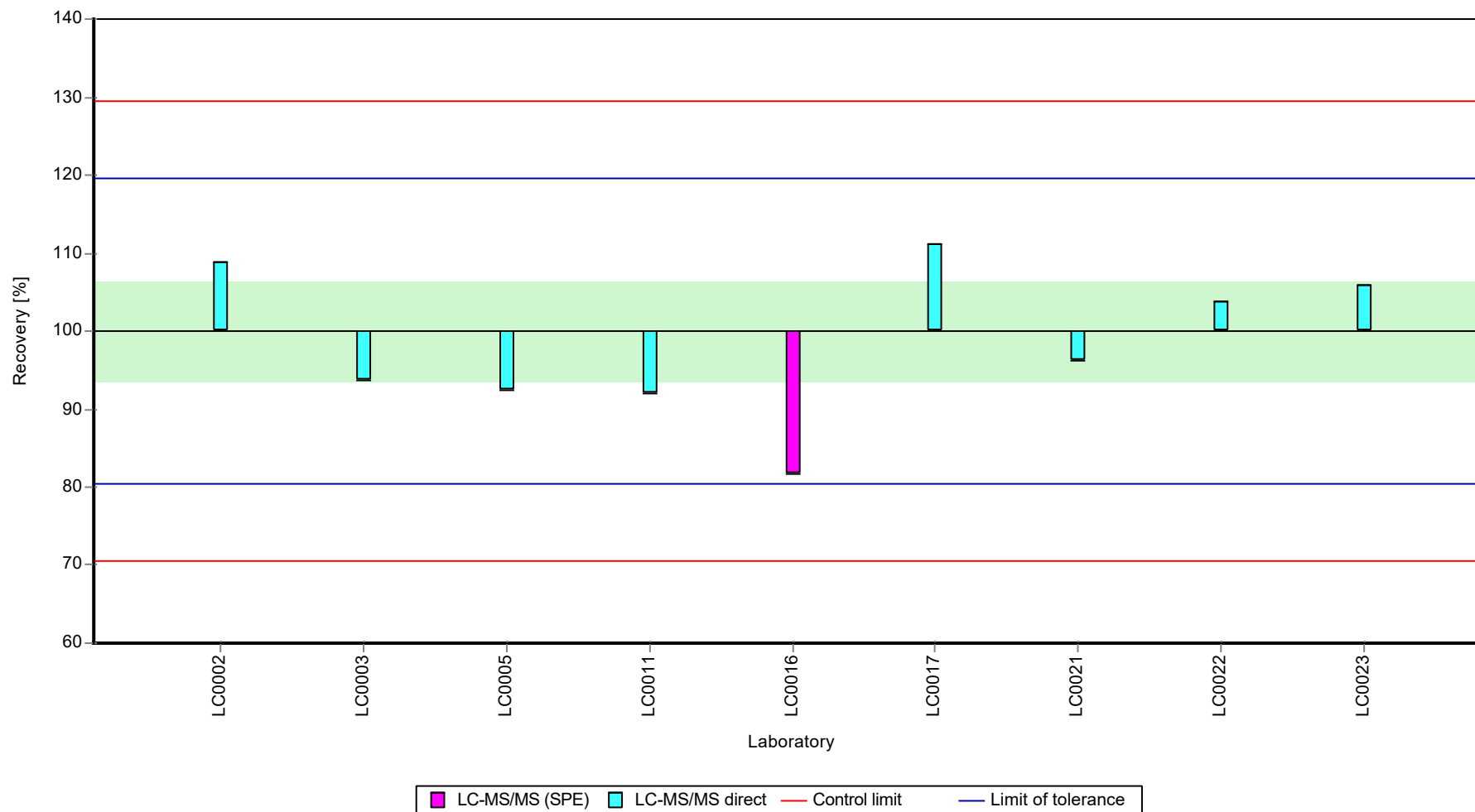
	all results	without outliers	Unit
Mean ± CI (99%)	1.47 ± 0.143	1.47 ± 0.143	µg/l
Minimum	1.22	1.22	µg/l
Maximum	1.66	1.66	µg/l
Standard deviation	0.143	0.143	µg/l
rel. standard deviation	9.75	9.75	%
n	9	9	-

Graphical presentation of results

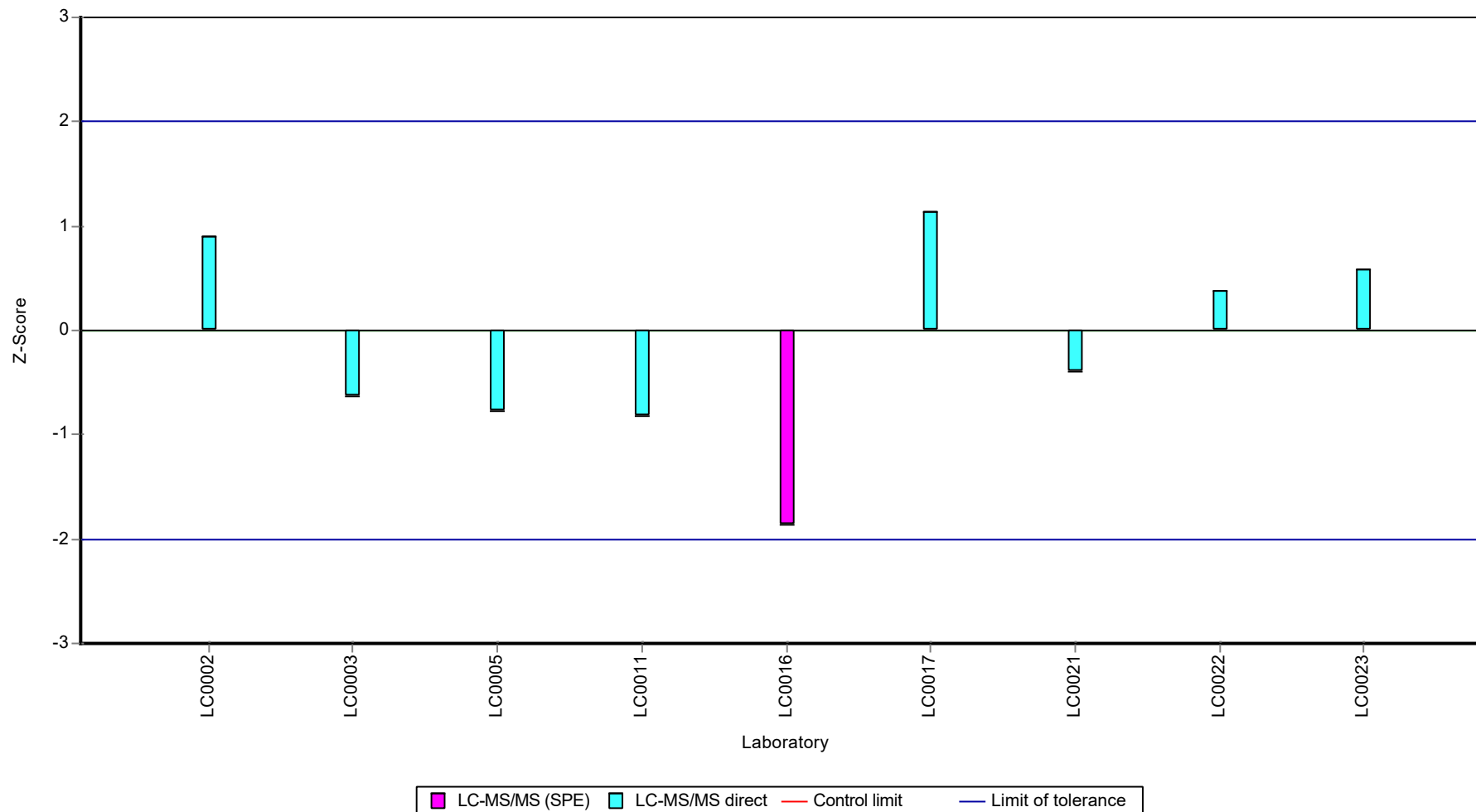
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Aldrin

Unit	µg/l
Assigned value ± U (k=2)	0.307 ± 0.0373
Criterion	0.135 (44 %)
Minimum - Maximum	0.2 - 0.39
Control test value ± U (k=2)	0.316 ± 0.152

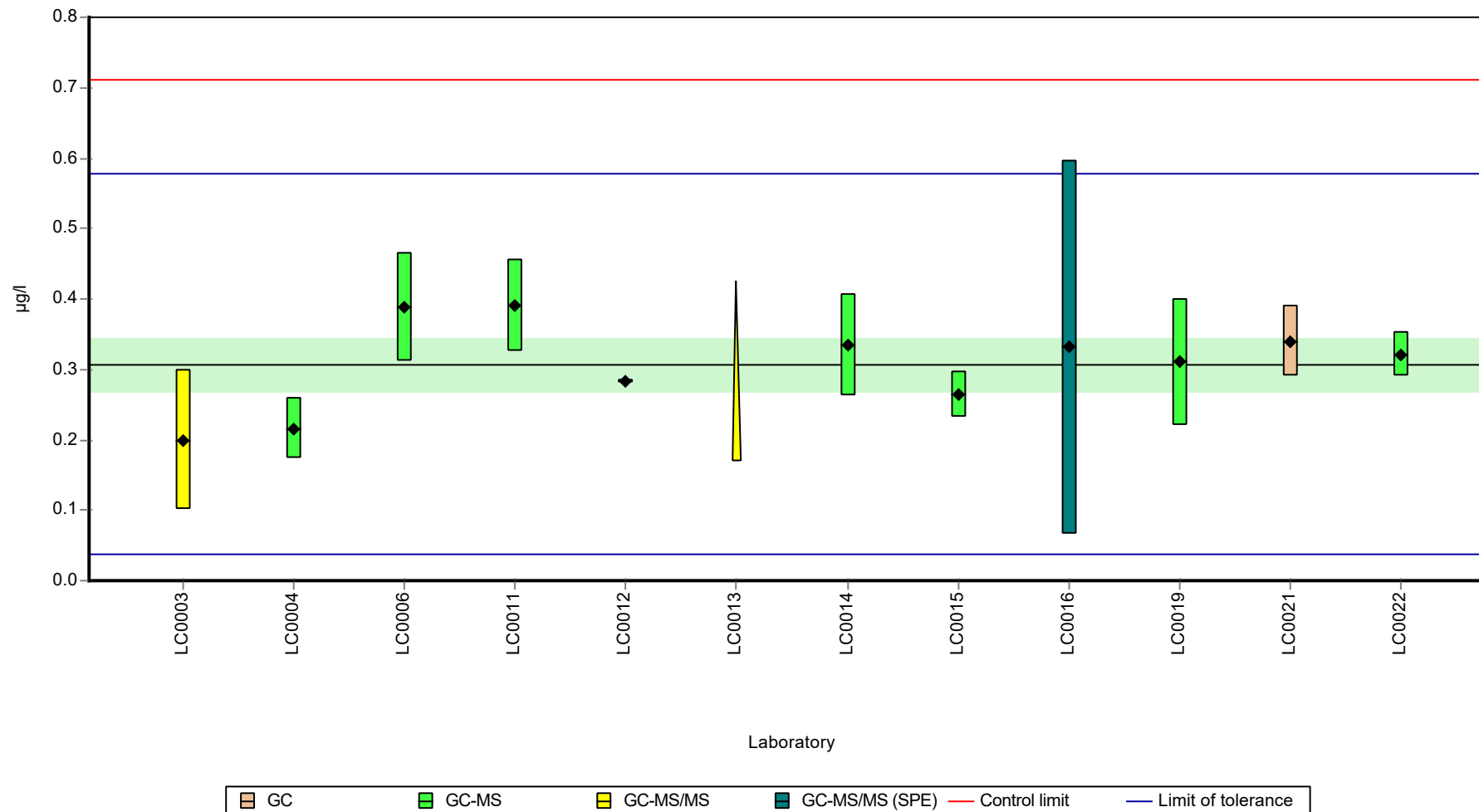
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2	0.1	65.1	-0.79	
LC0004	0.216	0.043	70.4	-0.67	
LC0005	-	-	-	-	
LC0006	0.388	0.078	126	0.6	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.39	0.066	127	0.61	
LC0012	0.283	0.003	92.2	-0.18	
LC0013	>0.17	0.05	-	-	
LC0014	0.334	0.073	109	0.2	
LC0015	0.264	0.033	86	-0.32	
LC0016	0.331	0.265	108	0.18	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.31	0.09	101	0.02	
LC0020	-	-	-	-	
LC0021	0.34	0.051	111	0.24	
LC0022	0.321	0.032	105	0.1	
LC0023	-	-	-	-	

Characteristics of parameter

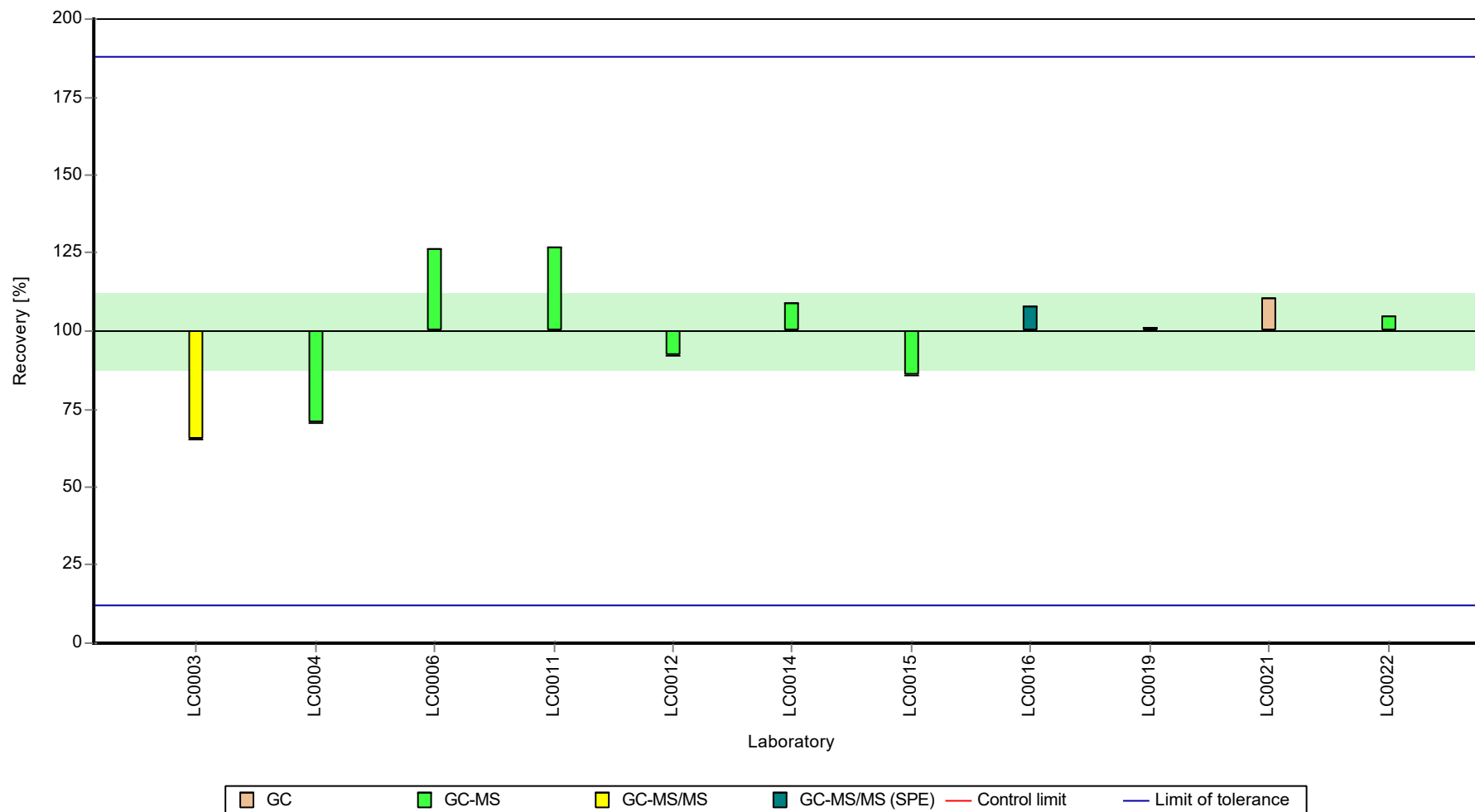
	all results	without outliers	Unit
Mean ± CI (99%)	0.307 ± 0.0559	0.307 ± 0.0559	µg/l
Minimum	0.2	0.2	µg/l
Maximum	0.39	0.39	µg/l
Standard deviation	0.0618	0.0618	µg/l
rel. standard deviation	20.1	20.1	%
n	11	11	-

Graphical presentation of results

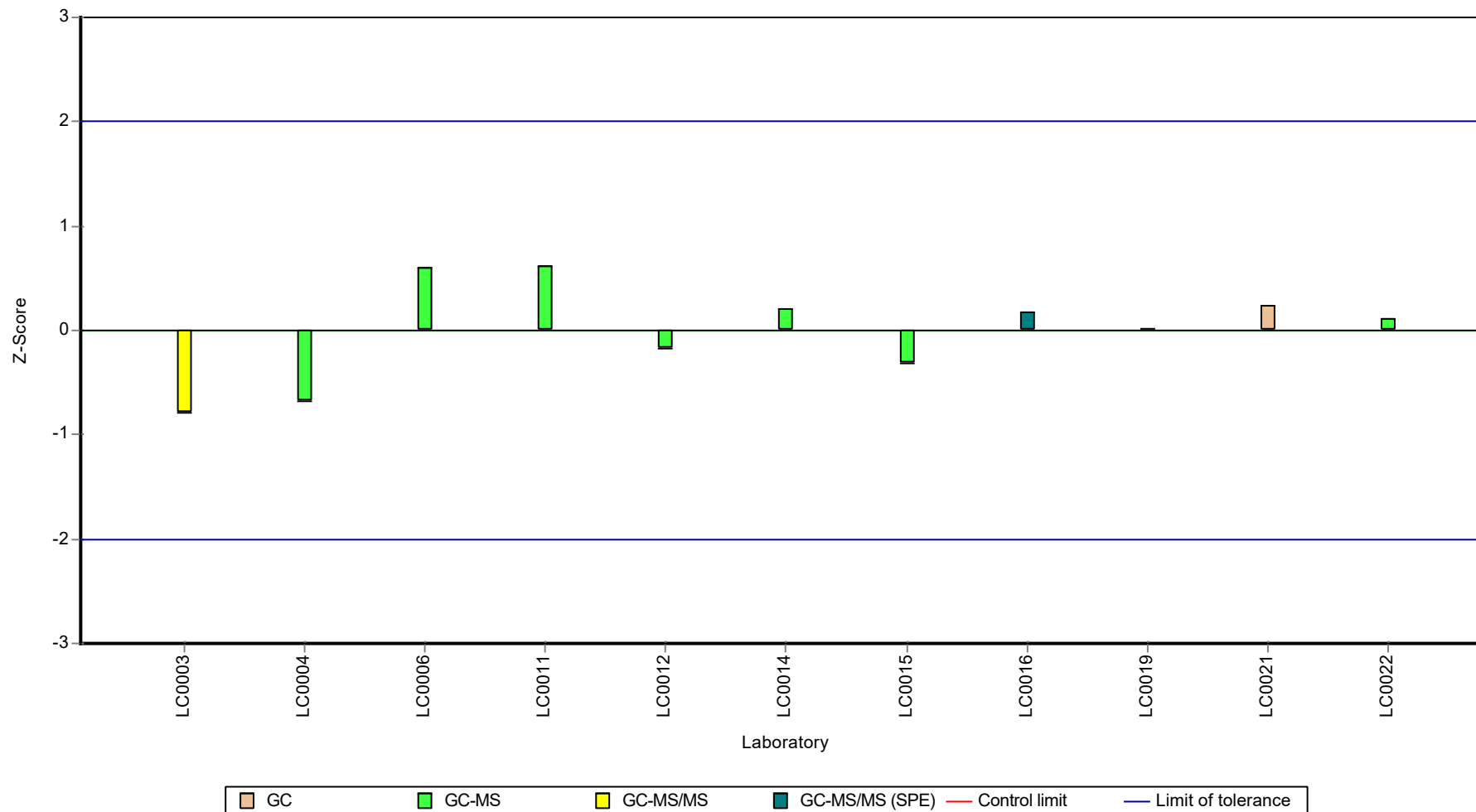
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Aldrin

Unit	µg/l
Assigned value ± U (k=2)	0.52 ± 0.066
Criterion	0.229 (44 %)
Minimum - Maximum	0.32 - 0.67
Control test value ± U (k=2)	0.522 ± 0.25

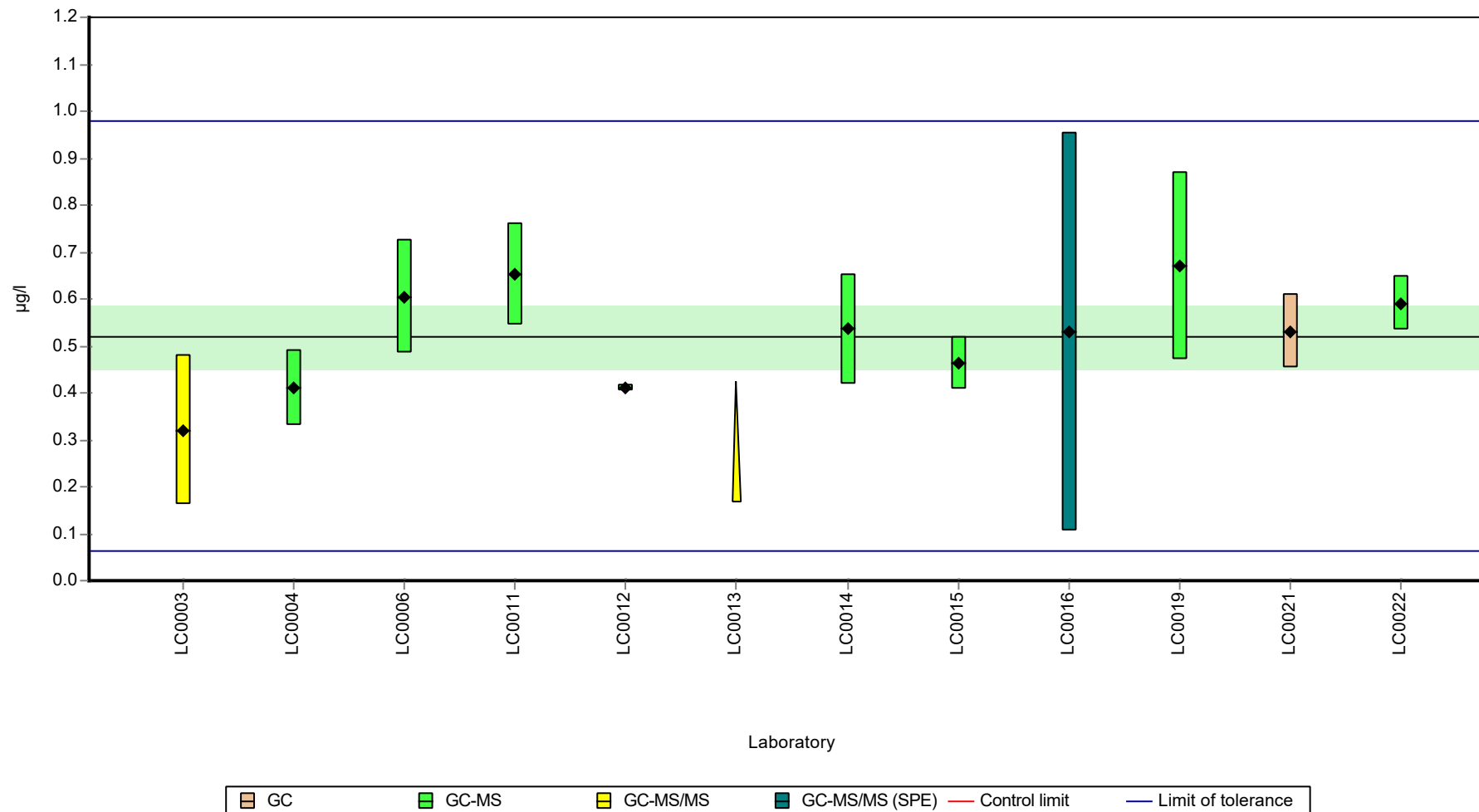
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.32	0.16	61.5	-0.87	
LC0004	0.411	0.082	79	-0.48	
LC0005	-	-	-	-	
LC0006	0.605	0.121	116	0.37	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.653	0.11	126	0.58	
LC0012	0.411	0.008	79	-0.48	
LC0013	>0.17	0.05	-	-	
LC0014	0.536	0.117	103	0.07	
LC0015	0.463	0.057	89	-0.25	
LC0016	0.53	0.424	102	0.04	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.67	0.2	129	0.66	
LC0020	-	-	-	-	
LC0021	0.531	0.08	102	0.05	
LC0022	0.591	0.059	114	0.31	
LC0023	-	-	-	-	

Characteristics of parameter

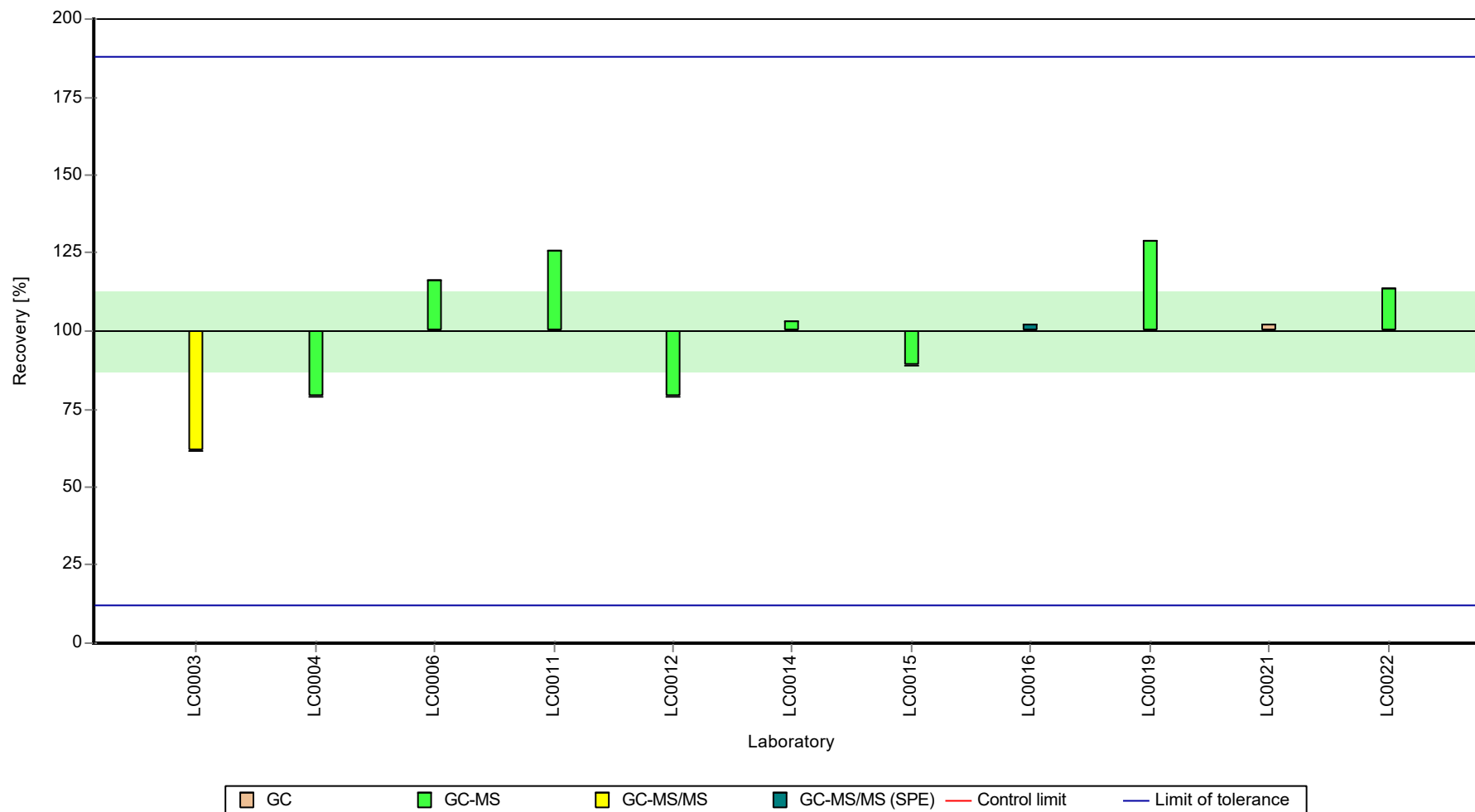
	all results	without outliers	Unit
Mean ± CI (99%)	0.52 ± 0.0991	0.52 ± 0.0991	µg/l
Minimum	0.32	0.32	µg/l
Maximum	0.67	0.67	µg/l
Standard deviation	0.11	0.11	µg/l
rel. standard deviation	21.1	21.1	%
n	11	11	-

Graphical presentation of results

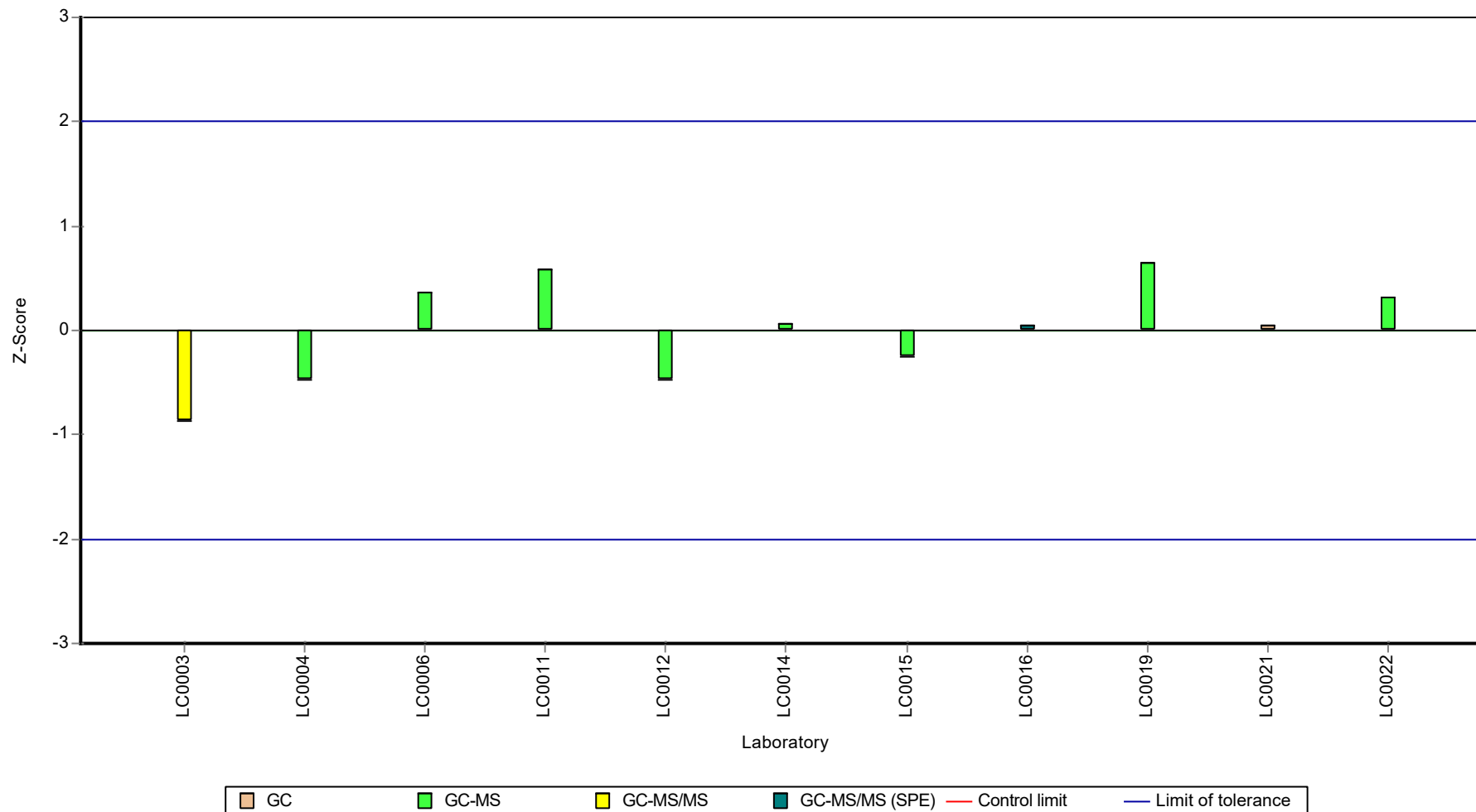
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Atrazine

Unit	µg/l
Assigned value ± U (k=2)	0.409 ± 0.0147
Criterion	0.045 (11 %)
Minimum - Maximum	0.355 - 0.467
Control test value ± U (k=2)	0.441 ± 0.0661

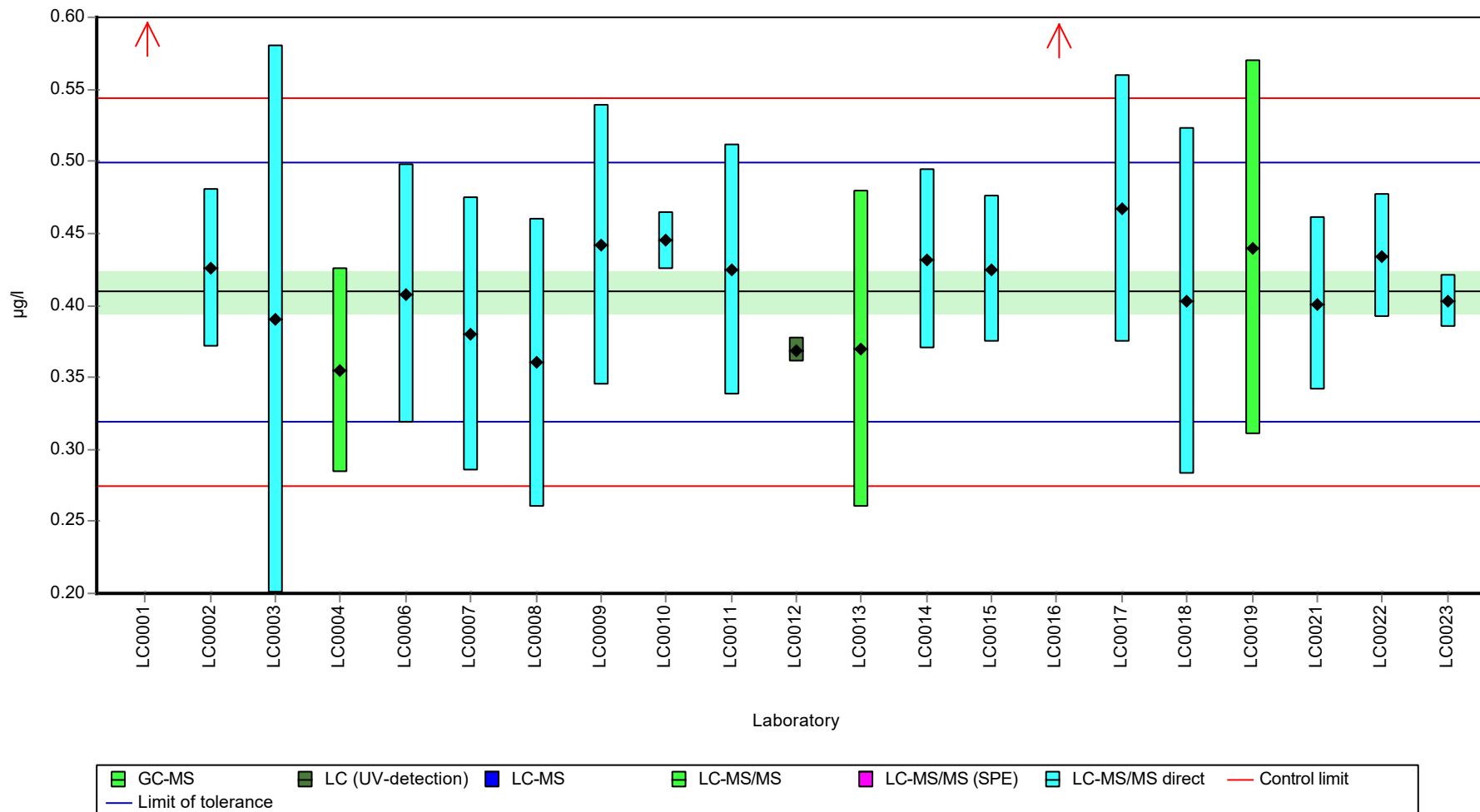
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.702	0.14	172	6.5	H
LC0002	0.426	0.055	104	0.37	
LC0003	0.39	0.19	95.3	-0.43	
LC0004	0.355	0.071	86.8	-1.2	
LC0005	-	-	-	-	
LC0006	0.408	0.09	99.7	-0.03	
LC0007	0.38	0.095	92.9	-0.65	
LC0008	0.36	0.1	88	-1.09	
LC0009	0.442	0.0972	108	0.73	
LC0010	0.445	0.02	109	0.8	
LC0011	0.425	0.087	104	0.35	
LC0012	0.369	0.009	90.2	-0.89	
LC0013	0.37	0.11	90.4	-0.87	
LC0014	0.432	0.062	106	0.51	
LC0015	0.425	0.051	104	0.35	
LC0016	0.633	0.19	155	4.97	H
LC0017	0.467	0.093	114	1.28	
LC0018	0.403	0.12	98.5	-0.14	
LC0019	0.44	0.13	108	0.68	
LC0020	-	-	-	-	
LC0021	0.401	0.06	98	-0.18	
LC0022	0.434	0.043	106	0.55	
LC0023	0.403	0.0179	98.5	-0.14	

Characteristics of parameter

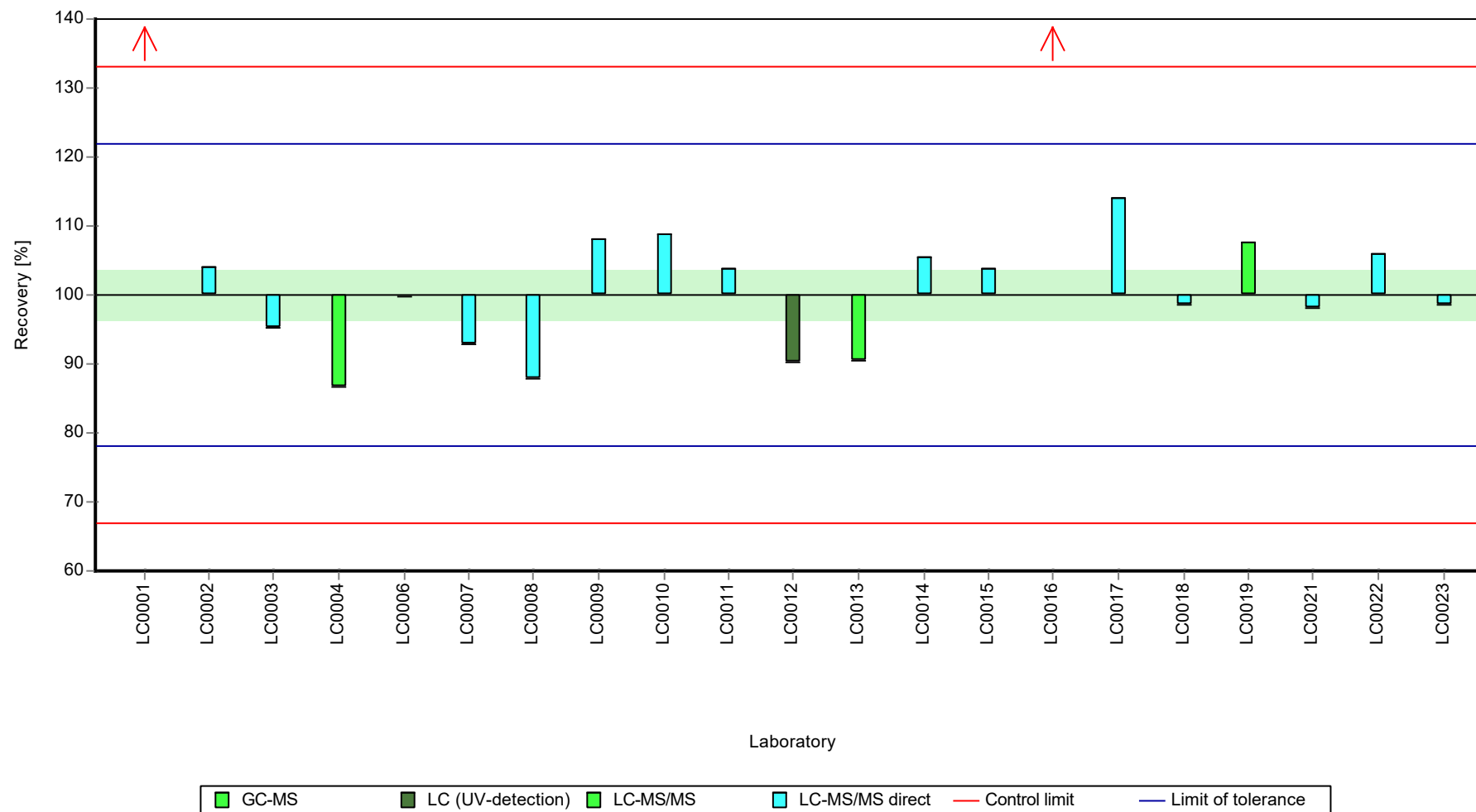
	all results	without outliers	Unit
Mean ± CI (99%)	0.434 ± 0.0551	0.409 ± 0.022	µg/l
Minimum	0.355	0.355	µg/l
Maximum	0.702	0.467	µg/l
Standard deviation	0.0841	0.032	µg/l
rel. standard deviation	19.4	7.82	%
n	21	19	-

Graphical presentation of results

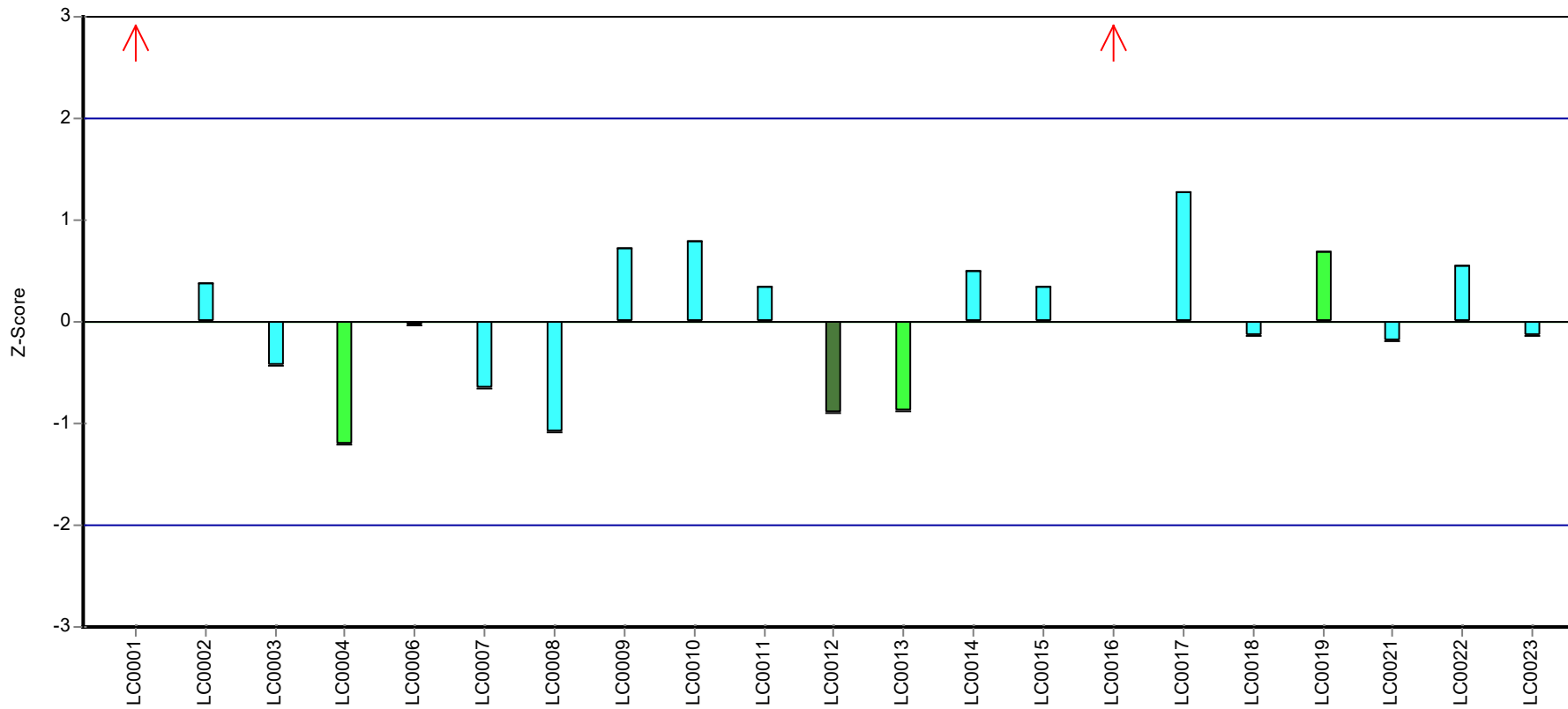
Results



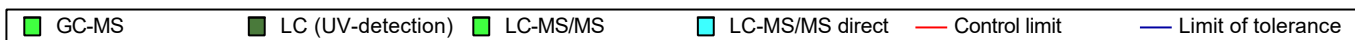
Recovery rate



Z-score



Laboratory



Parameter oriented report

H111 B

Atrazine

Unit	µg/l
Assigned value ± U (k=2)	1.17 ± 0.0497
Criterion	0.129 (11 %)
Minimum - Maximum	1 - 1.37
Control test value ± U (k=2)	1.20 ± 0.18

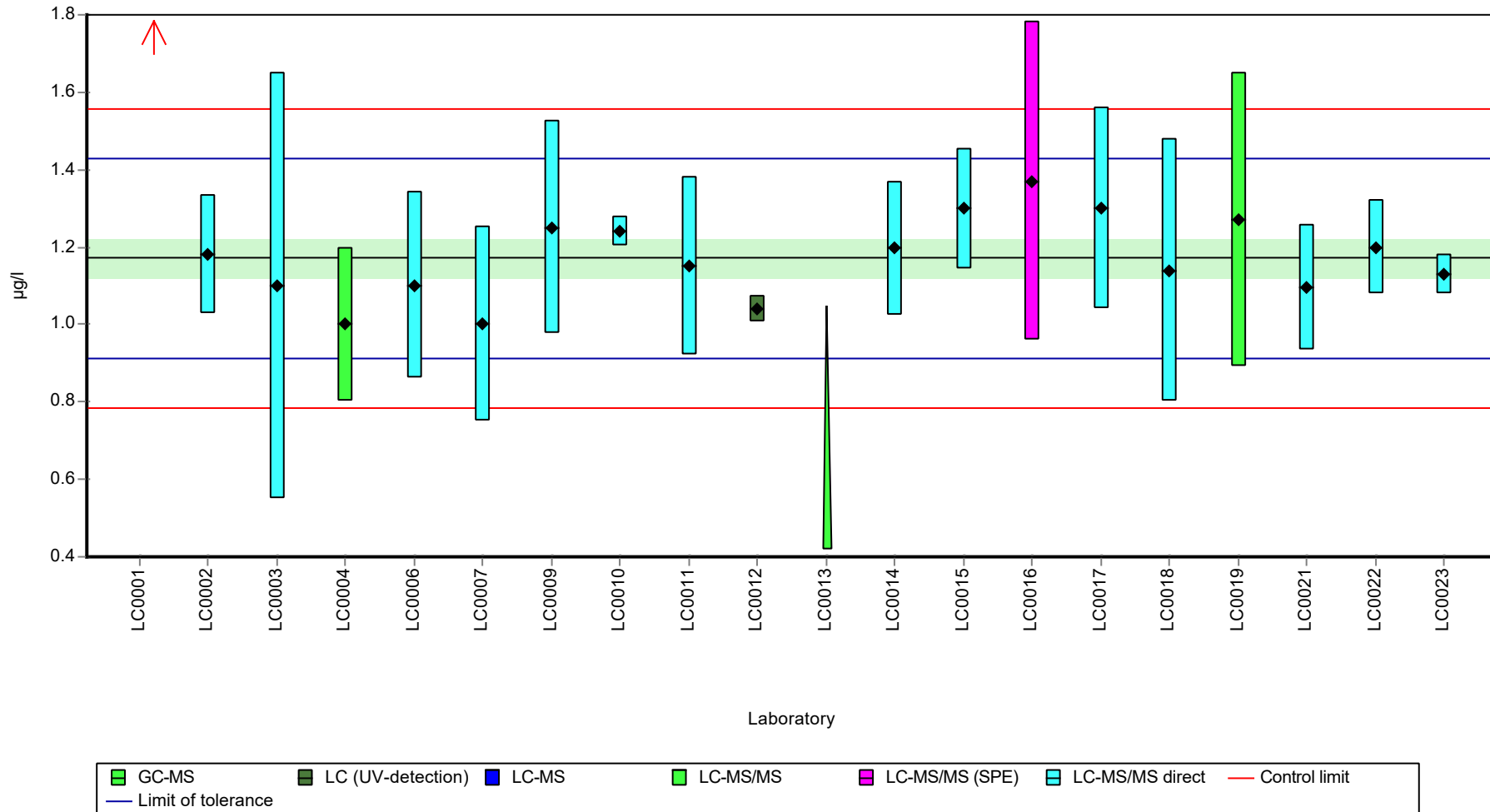
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	2.128	0.42	182	7.44	H
LC0002	1.181	0.154	101	0.08	
LC0003	1.1	0.55	94	-0.55	
LC0004	1	0.2	85.4	-1.32	
LC0005	-	-	-	-	
LC0006	1.102	0.242	94.2	-0.53	
LC0007	1.002	0.251	85.6	-1.31	
LC0008	-	-	-	-	
LC0009	1.25	0.27487	107	0.62	
LC0010	1.24	0.039	106	0.54	
LC0011	1.15	0.23	98.3	-0.16	
LC0012	1.04	0.035	88.9	-1.01	
LC0013	>0.42	0.13	-	-	
LC0014	1.197	0.172	102	0.21	
LC0015	1.3	0.156	111	1.01	
LC0016	1.37	0.411	117	1.55	
LC0017	1.3	0.26	111	1.01	
LC0018	1.14	0.34	97.4	-0.24	
LC0019	1.27	0.38	109	0.77	
LC0020	-	-	-	-	
LC0021	1.096	0.164	93.6	-0.58	
LC0022	1.2	0.12	103	0.23	
LC0023	1.13	0.052	96.5	-0.31	

Characteristics of parameter

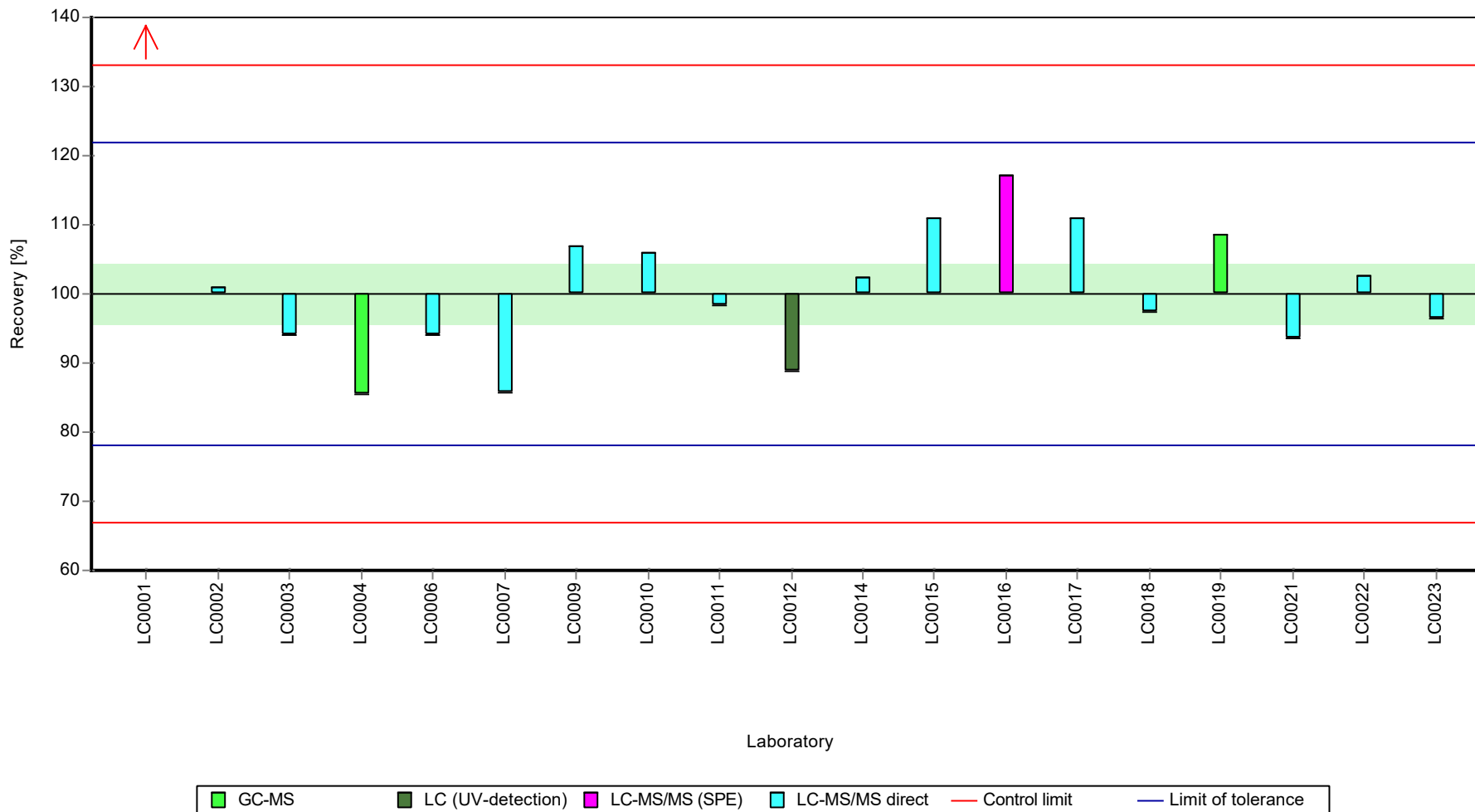
	all results	without outliers	Unit
Mean ± CI (99%)	1.22 ± 0.167	1.17 ± 0.0745	µg/l
Minimum	1	1	µg/l
Maximum	2.13	1.37	µg/l
Standard deviation	0.242	0.105	µg/l
rel. standard deviation	19.9	9	%
n	19	18	-

Graphical presentation of results

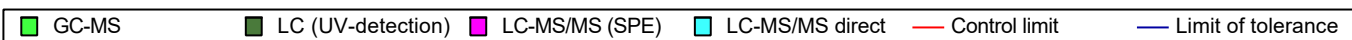
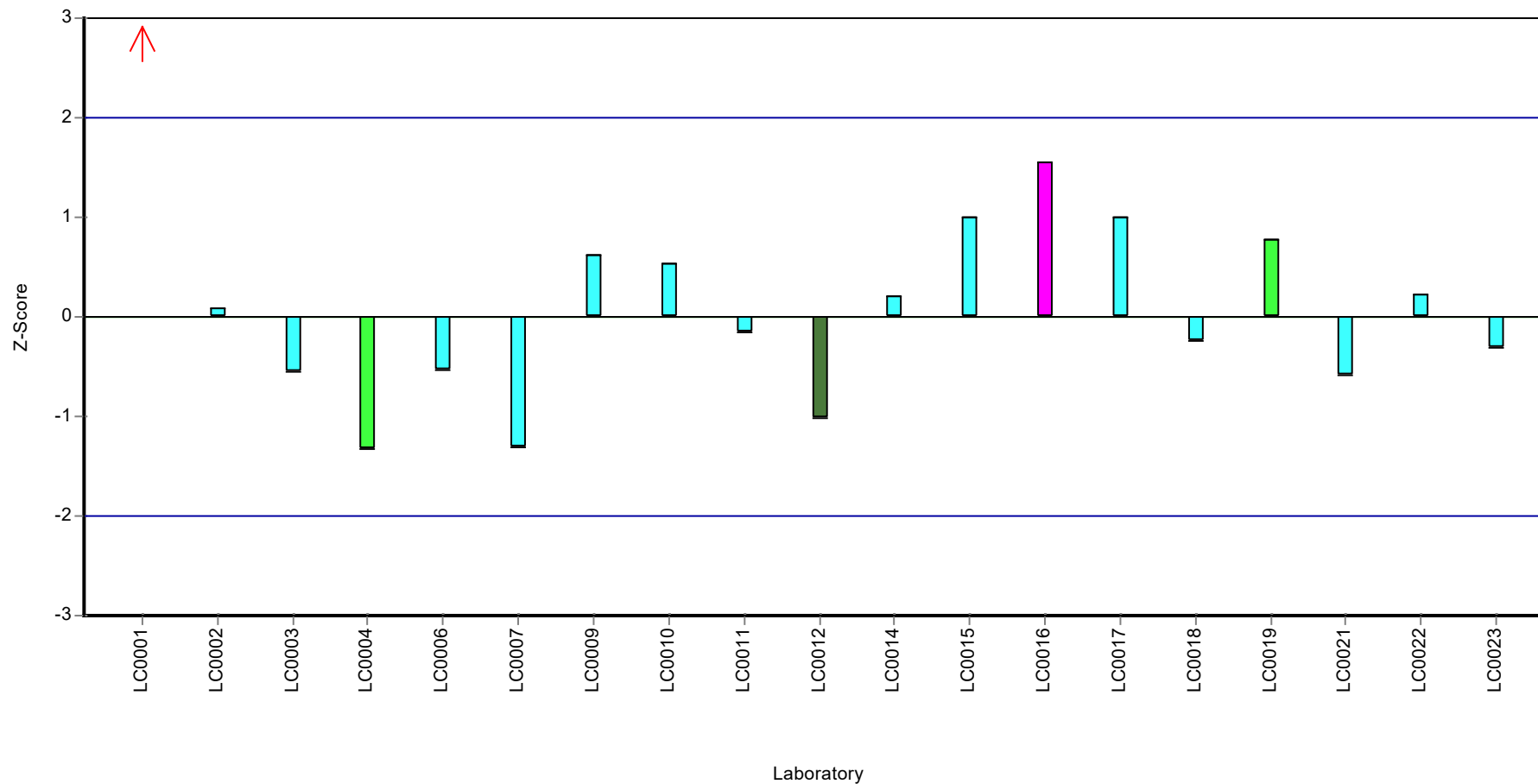
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.572 ± 0.0279
Criterion	0.0687 (12 %)
Minimum - Maximum	0.485 - 0.702
Control test value ± U (k=2)	0.546 ± 0.0819

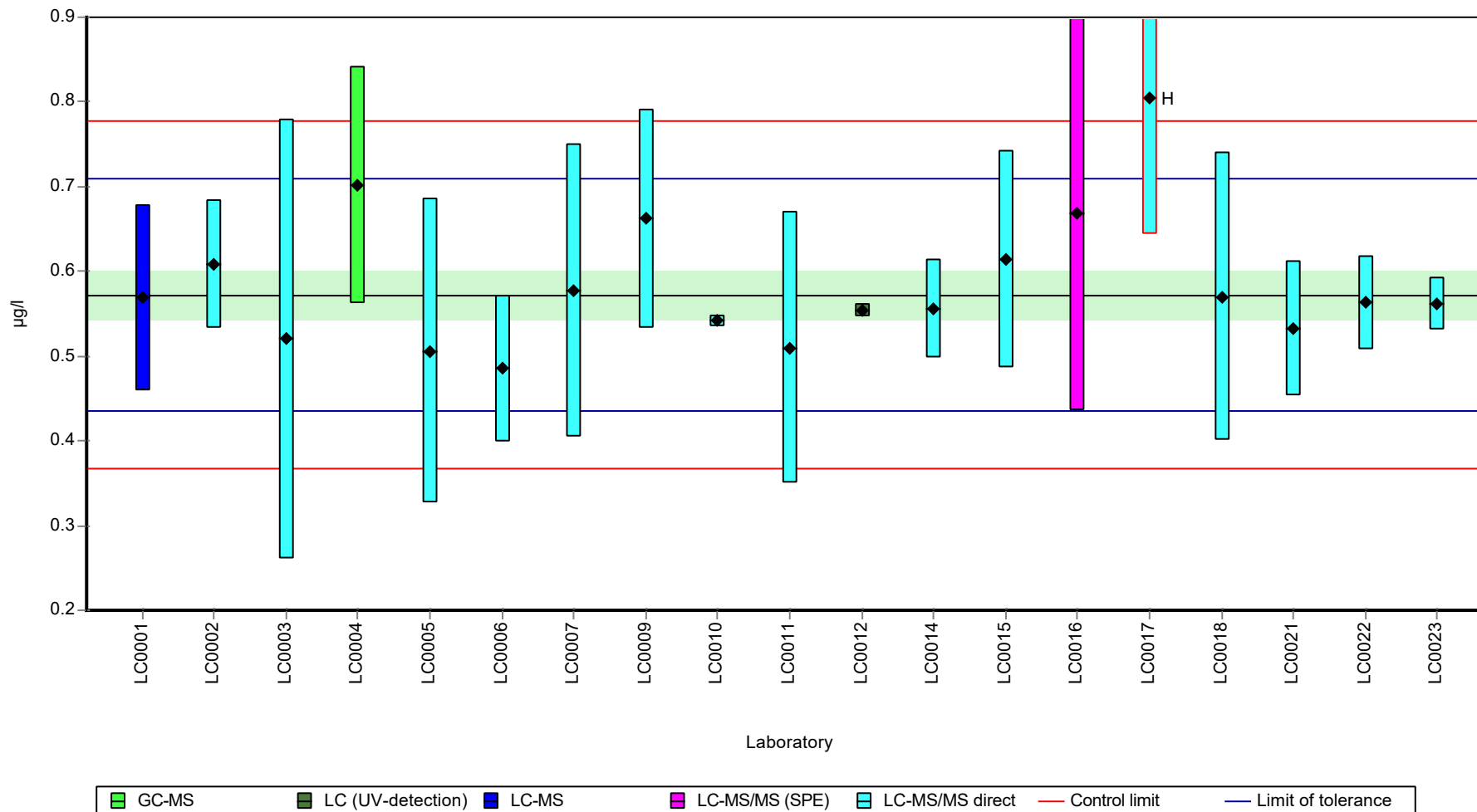
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.569	0.11	99.4	-0.05	
LC0002	0.609	0.076	106	0.53	
LC0003	0.52	0.26	90.9	-0.76	
LC0004	0.702	0.14	123	1.89	
LC0005	0.506	0.18	88.4	-0.97	
LC0006	0.485	0.087	84.7	-1.27	
LC0007	0.578	0.173	101	0.08	
LC0008	-	-	-	-	
LC0009	0.662	0.12902	116	1.31	
LC0010	0.542	0.007	94.7	-0.44	
LC0011	0.51	0.16	89.1	-0.91	
LC0012	0.554	0.007	96.8	-0.27	
LC0013	-	-	-	-	
LC0014	0.556	0.058	97.1	-0.24	
LC0015	0.614	0.129	107	0.61	
LC0016	0.669	0.234	117	1.41	
LC0017	0.804	0.161	140	3.37	H
LC0018	0.57	0.17	99.6	-0.03	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.532	0.08	93	-0.59	
LC0022	0.563	0.056	98.4	-0.14	
LC0023	0.561	0.031	98	-0.17	

Characteristics of parameter

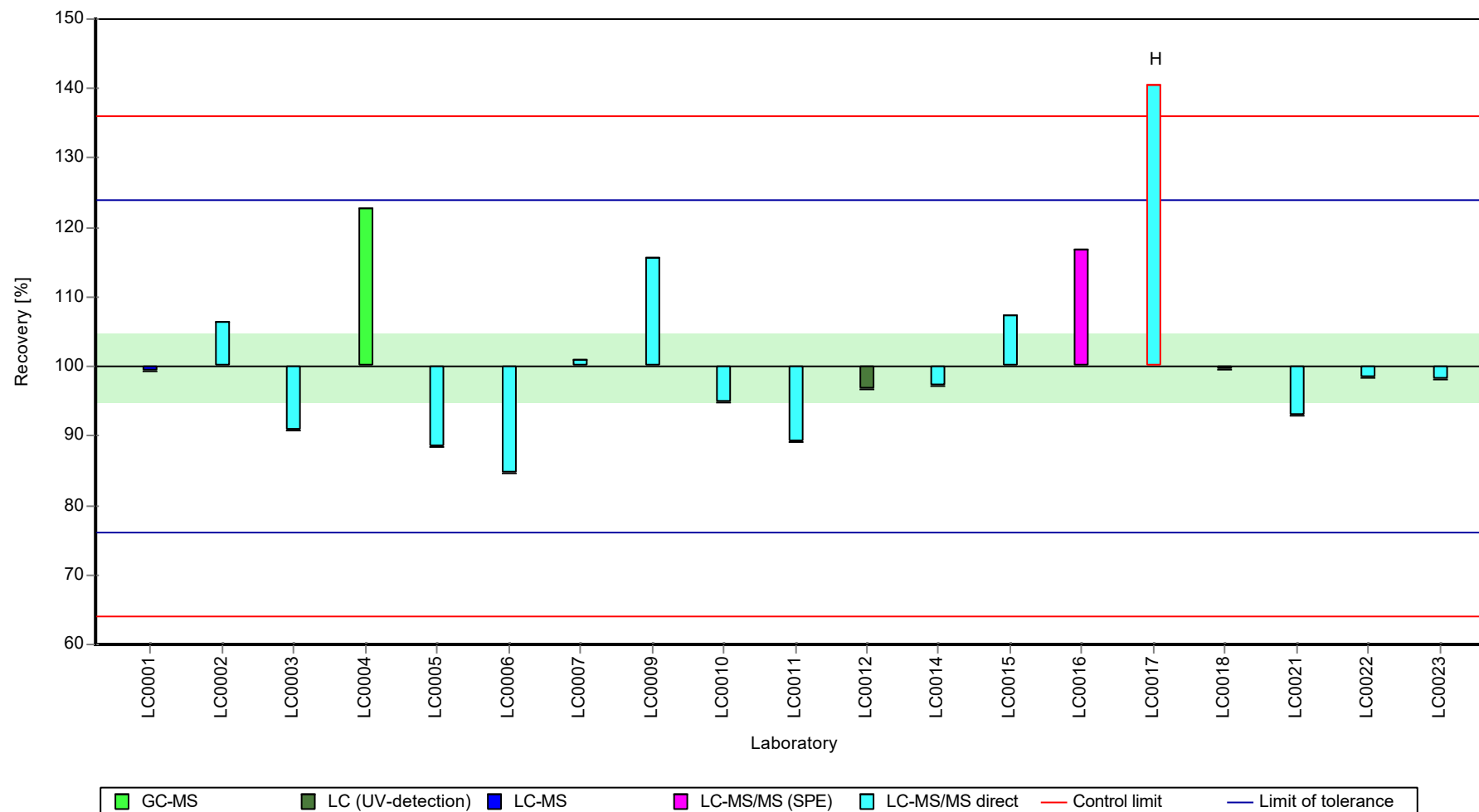
	all results	without outliers	Unit
Mean ± CI (99%)	0.585 ± 0.0538	0.572 ± 0.0418	µg/l
Minimum	0.485	0.485	µg/l
Maximum	0.804	0.702	µg/l
Standard deviation	0.0782	0.0591	µg/l
rel. standard deviation	13.4	10.3	%
n	19	18	-

Graphical presentation of results

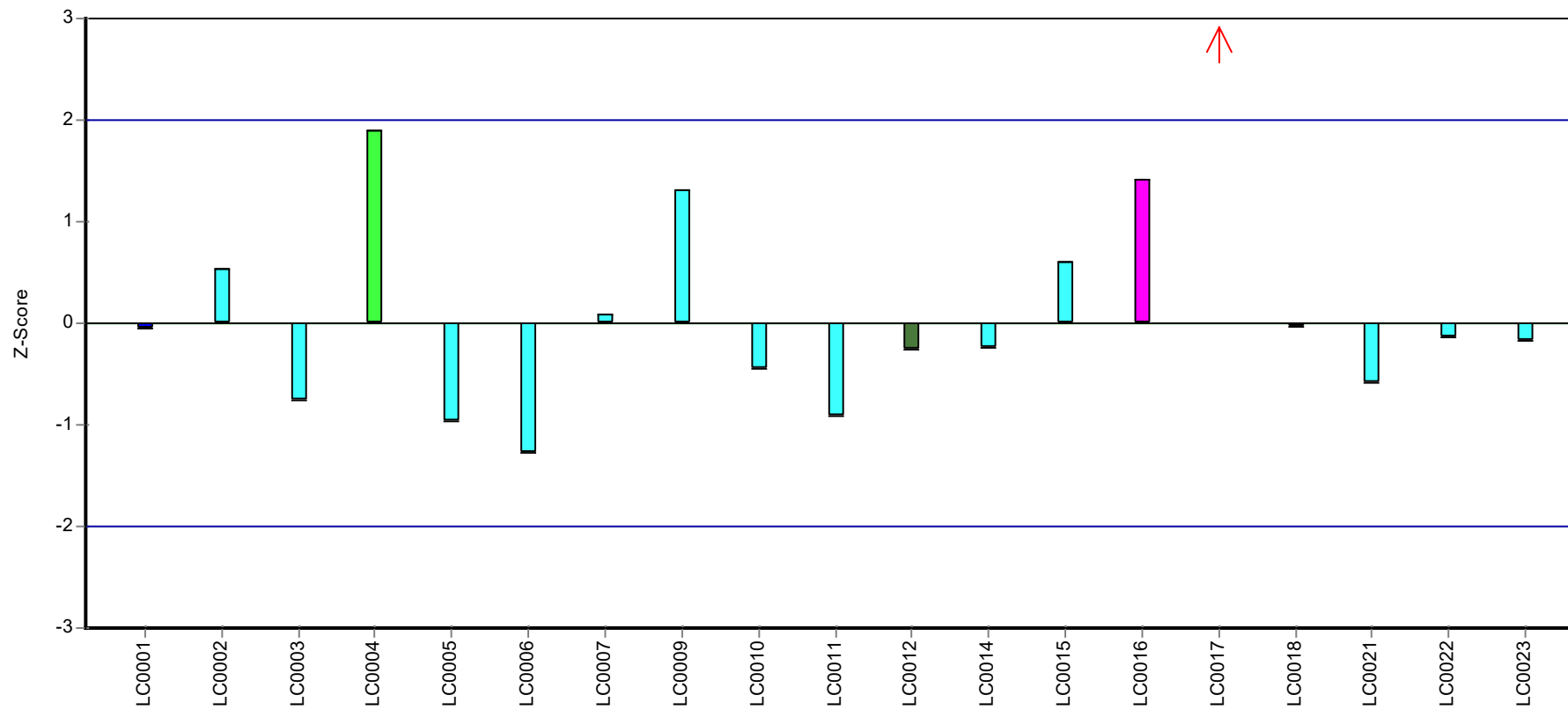
Results



Recovery rate



Z-score



Laboratory



Parameter oriented report

H111 B

Atrazine-desethyl

Unit	µg/l
Assigned value ± U (k=2)	0.846 ± 0.0593
Criterion	0.102 (12 %)
Minimum - Maximum	0.627 - 1.12
Control test value ± U (k=2)	0.793 ± 0.119

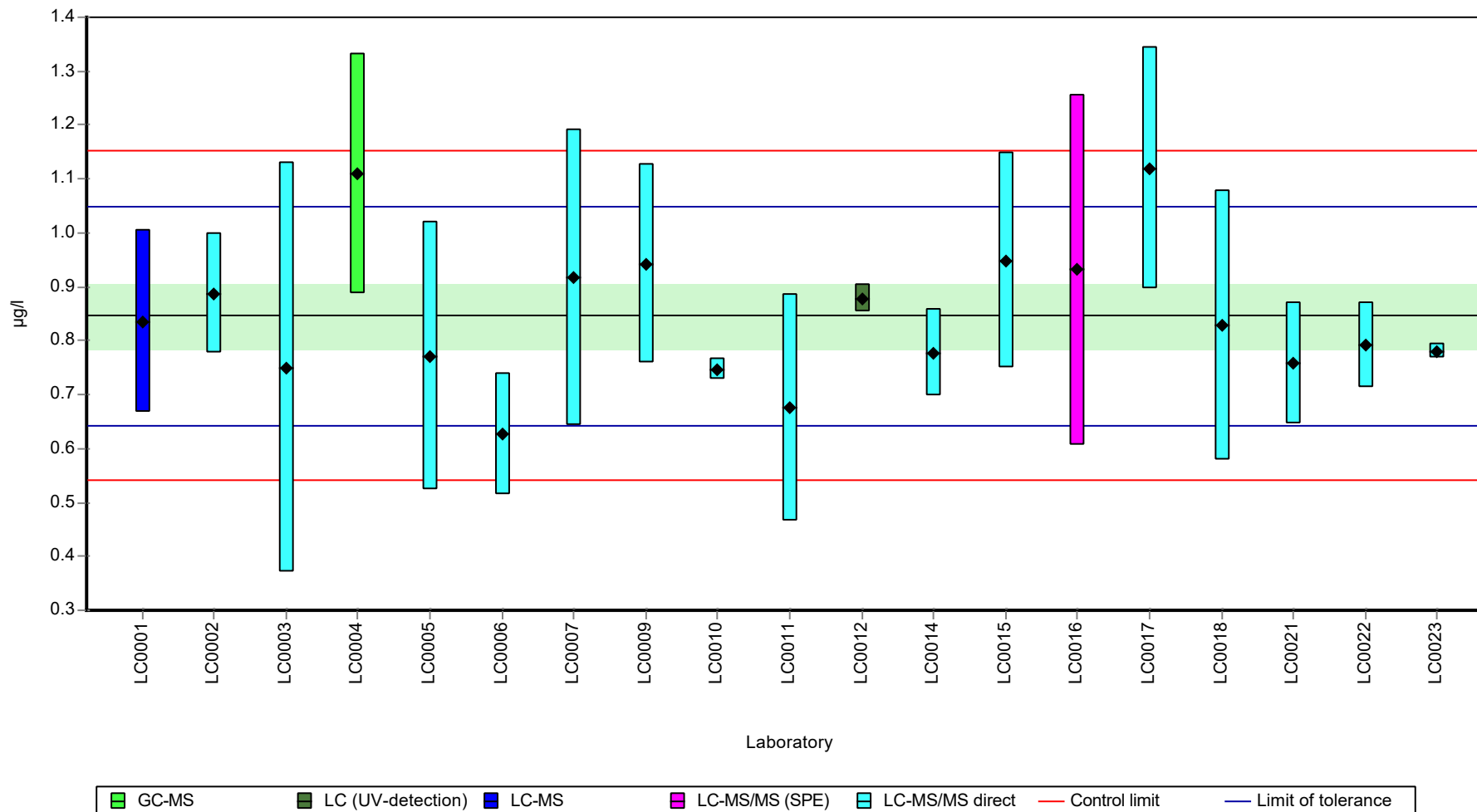
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.836	0.17	98.8	-0.1	
LC0002	0.888	0.111	105	0.41	
LC0003	0.75	0.38	88.6	-0.95	
LC0004	1.11	0.222	131	2.6	
LC0005	0.772	0.25	91.2	-0.73	
LC0006	0.627	0.112	74.1	-2.16	
LC0007	0.916	0.275	108	0.69	
LC0008	-	-	-	-	
LC0009	0.943	0.18379	111	0.95	
LC0010	0.747	0.02	88.3	-0.98	
LC0011	0.676	0.21	79.9	-1.68	
LC0012	0.879	0.025	104	0.32	
LC0013	-	-	-	-	
LC0014	0.778	0.082	91.9	-0.67	
LC0015	0.949	0.199	112	1.01	
LC0016	0.931	0.326	110	0.83	
LC0017	1.12	0.225	132	2.69	
LC0018	0.828	0.25	97.8	-0.18	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.758	0.114	89.6	-0.87	
LC0022	0.791	0.079	93.5	-0.55	
LC0023	0.781	0.014	92.3	-0.64	

Characteristics of parameter

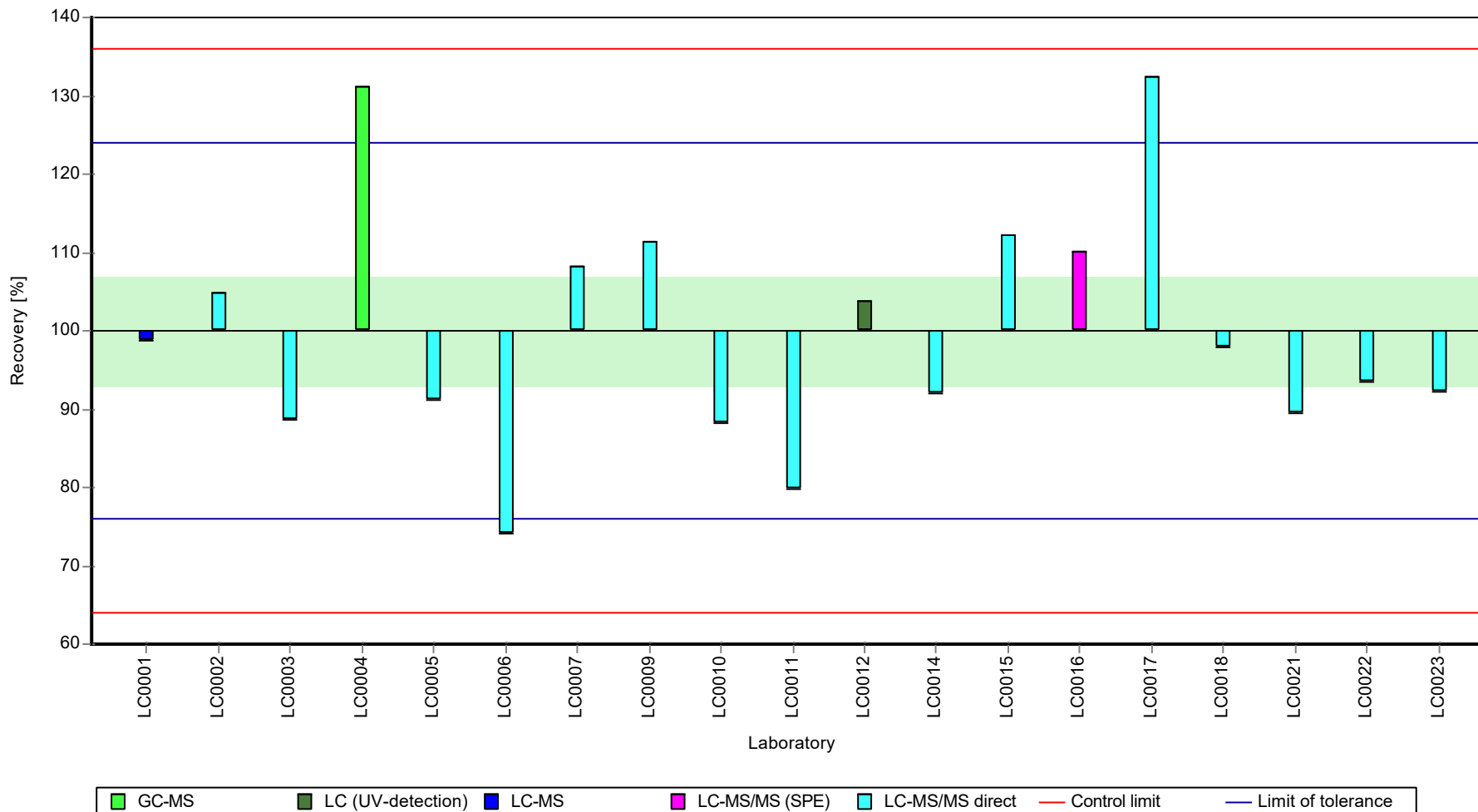
	all results	without outliers	Unit
Mean ± CI (99%)	0.846 ± 0.089	0.846 ± 0.089	µg/l
Minimum	0.627	0.627	µg/l
Maximum	1.12	1.12	µg/l
Standard deviation	0.129	0.129	µg/l
rel. standard deviation	15.3	15.3	%
n	19	19	-

Graphical presentation of results

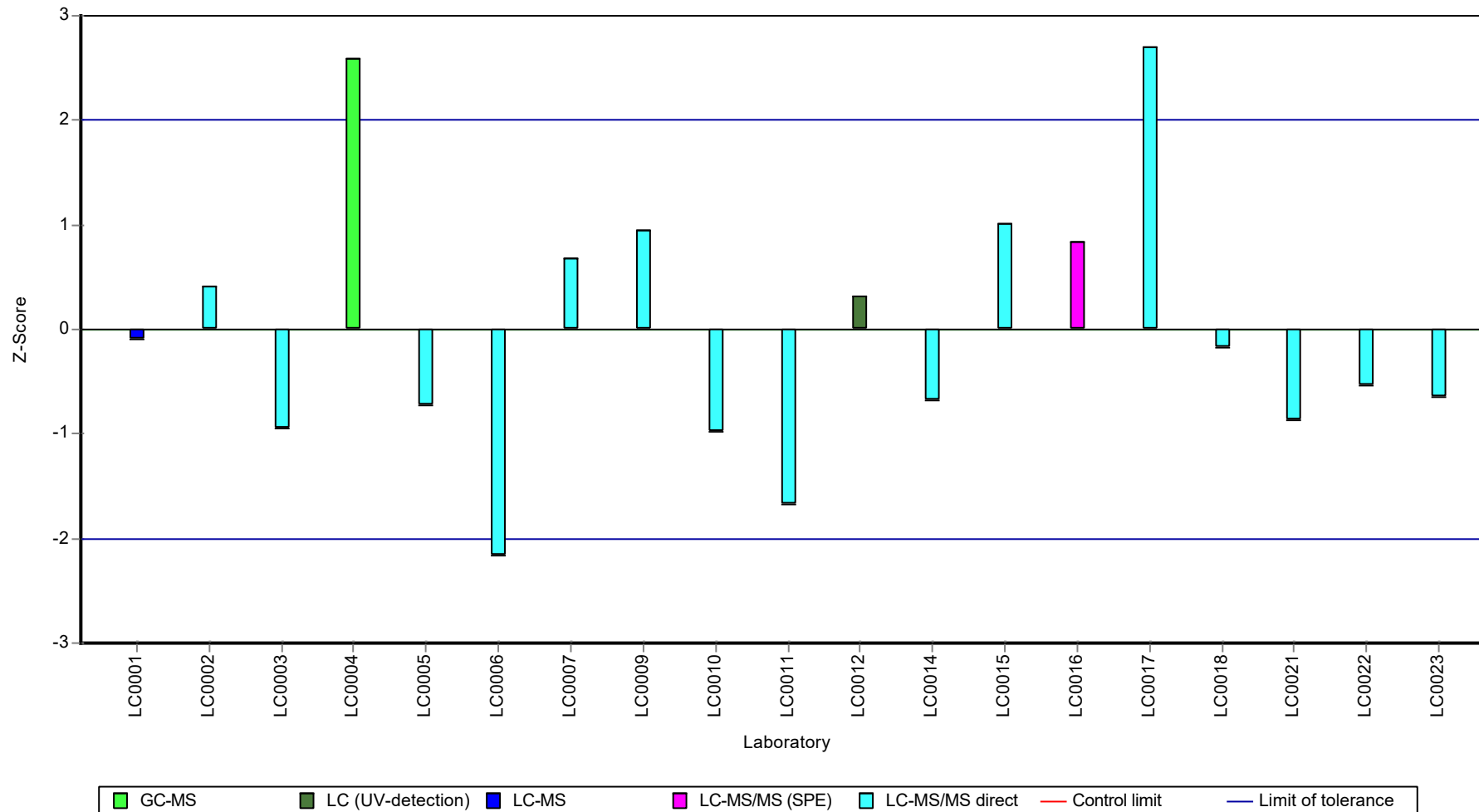
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	0.395 ± 0.0155
Criterion	0.0554 (14 %)
Minimum - Maximum	0.351 - 0.443
Control test value ± U (k=2)	0.495 ± 0.0742

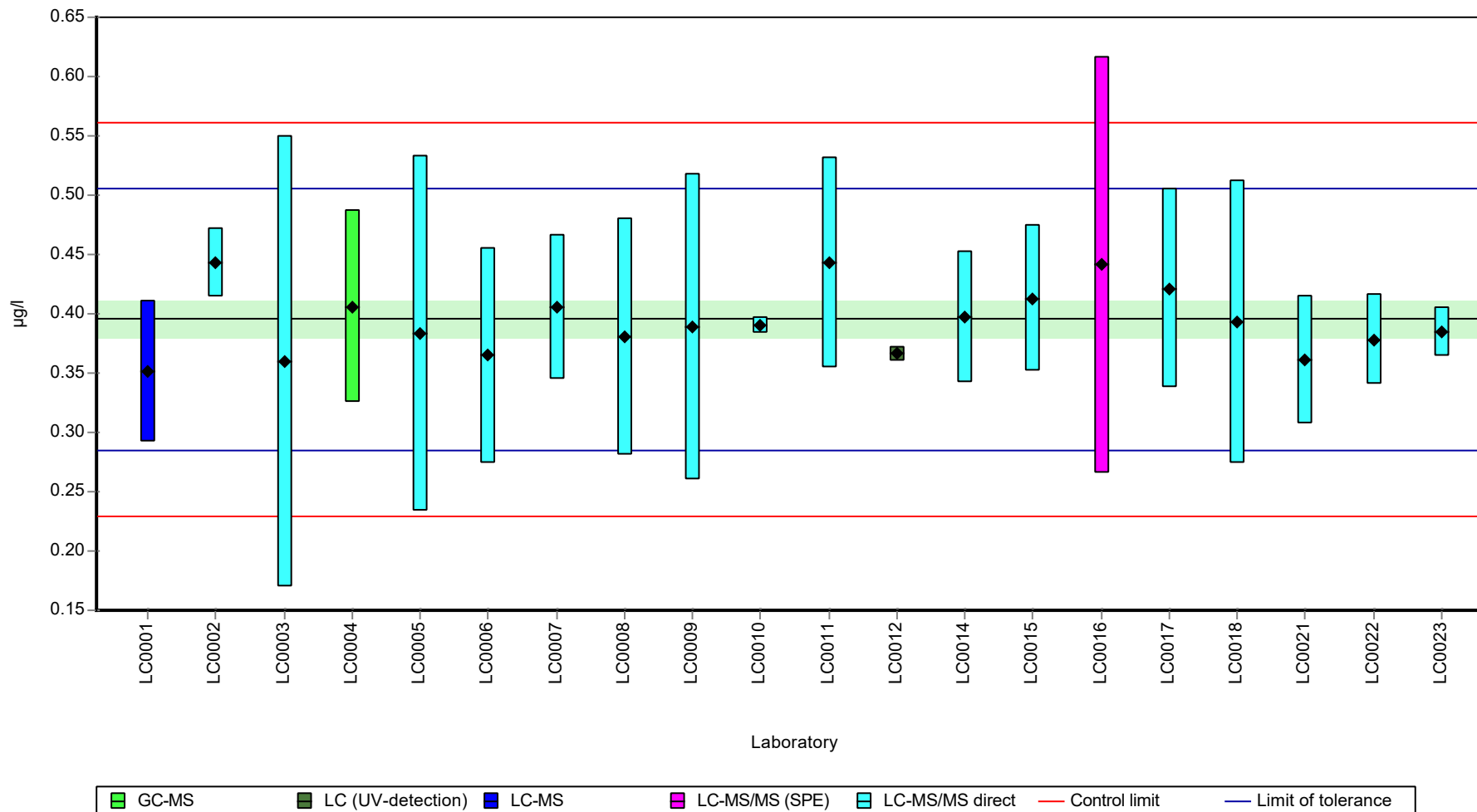
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.351	0.06	88.8	-0.8	
LC0002	0.443	0.029	112	0.86	
LC0003	0.36	0.19	91	-0.64	
LC0004	0.406	0.081	103	0.19	
LC0005	0.383	0.15	96.9	-0.23	
LC0006	0.365	0.091	92.3	-0.55	
LC0007	0.406	0.061	103	0.19	
LC0008	0.38	0.1	96.1	-0.28	
LC0009	0.389	0.12899	98.4	-0.12	
LC0010	0.39	0.007	98.6	-0.1	
LC0011	0.443	0.089	112	0.86	
LC0012	0.366	0.006	92.6	-0.53	
LC0013	-	-	-	-	
LC0014	0.397	0.056	100	0.03	
LC0015	0.413	0.062	104	0.32	
LC0016	0.441	0.176	112	0.82	
LC0017	0.421	0.084	106	0.46	
LC0018	0.393	0.12	99.4	-0.04	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.361	0.054	91.3	-0.62	
LC0022	0.378	0.038	95.6	-0.32	
LC0023	0.385	0.021	97.4	-0.19	

Characteristics of parameter

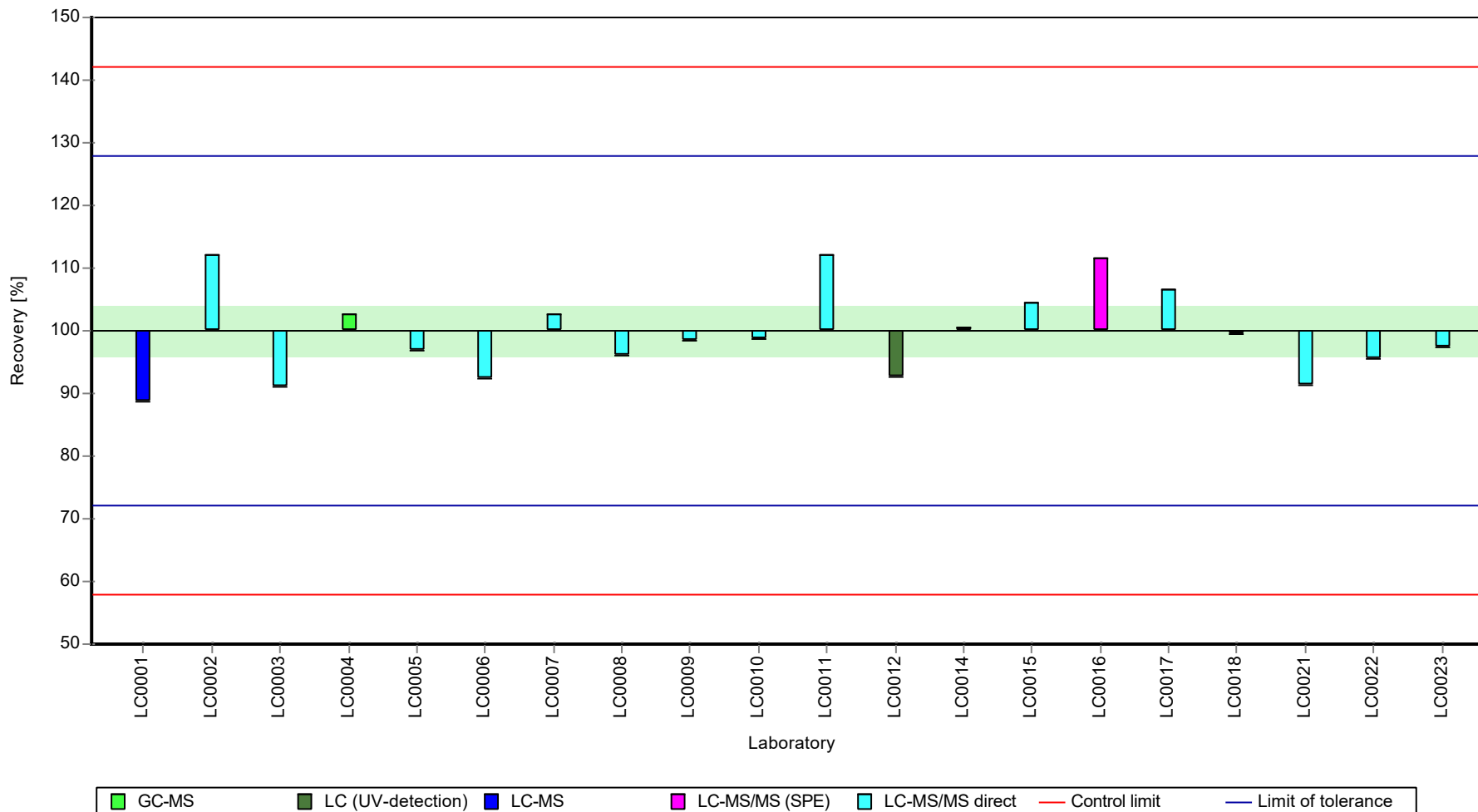
	all results	without outliers	Unit
Mean ± CI (99%)	0.394 ± 0.0187	0.394 ± 0.0187	µg/l
Minimum	0.351	0.351	µg/l
Maximum	0.443	0.443	µg/l
Standard deviation	0.0279	0.0279	µg/l
rel. standard deviation	7.09	7.09	%
n	20	20	-

Graphical presentation of results

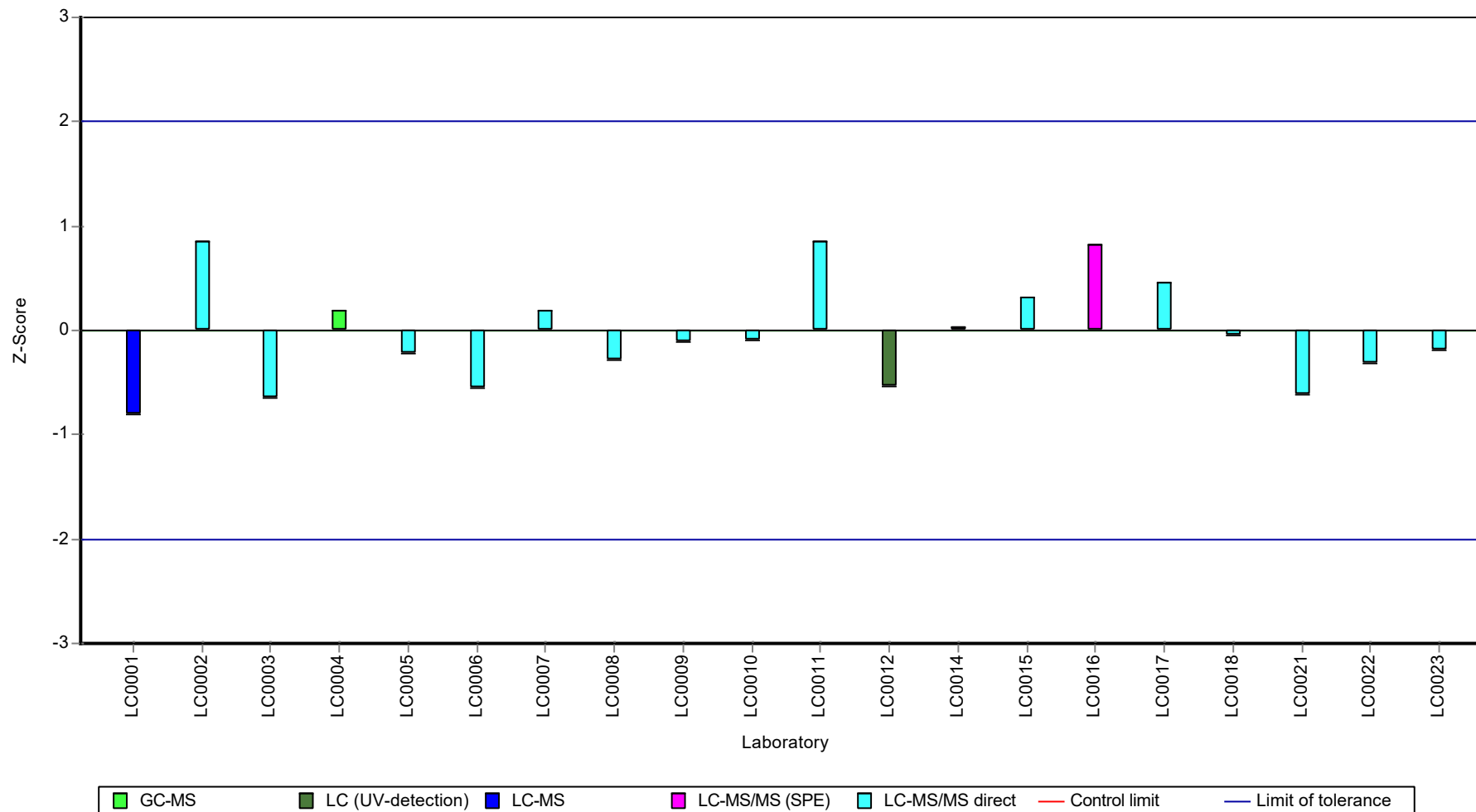
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Atrazine-desisopropyl

Unit	µg/l
Assigned value ± U (k=2)	1.49 ± 0.0658
Criterion	0.208 (14 %)
Minimum - Maximum	1.2 - 1.72
Control test value ± U (k=2)	1.60 ± 0.24

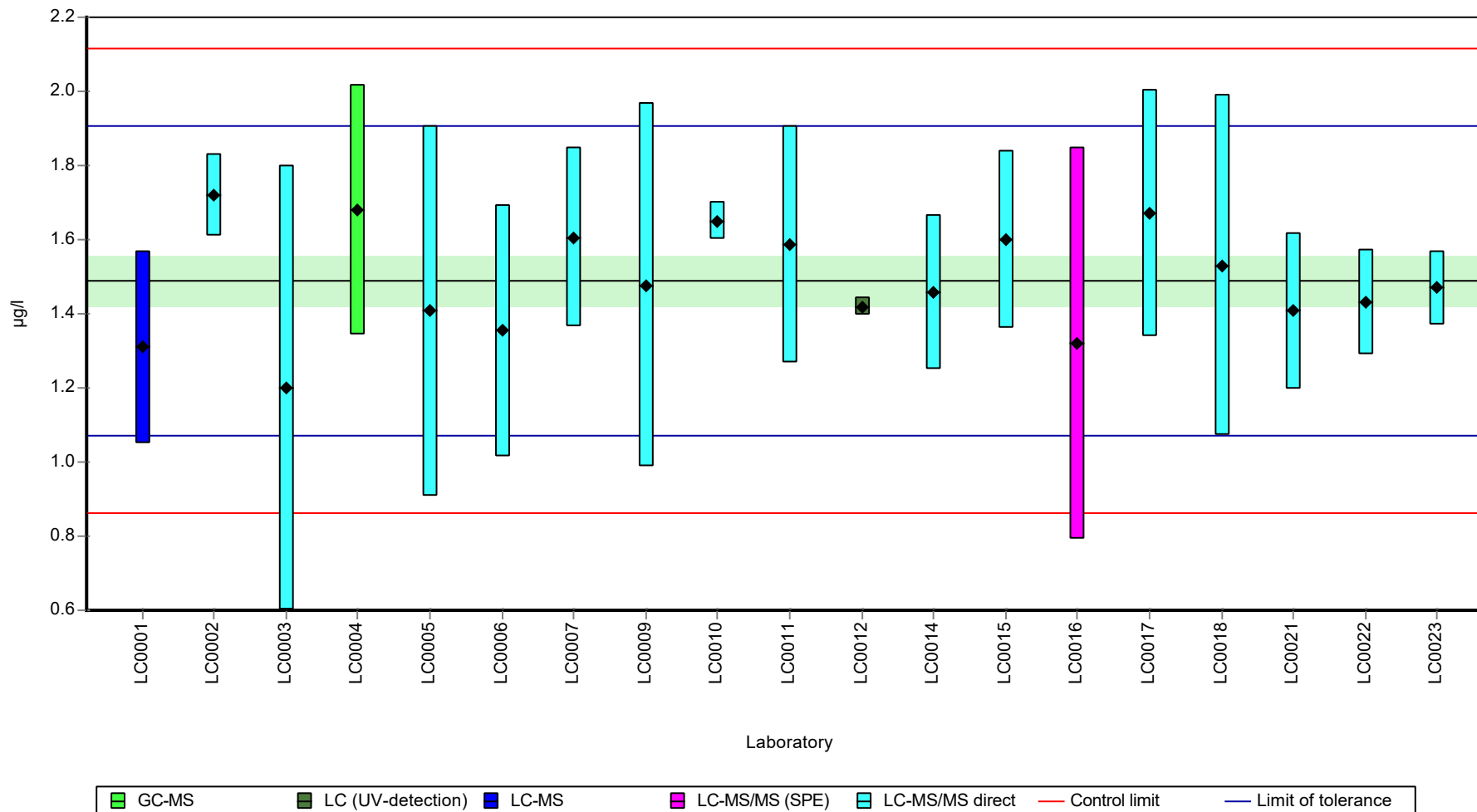
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	1.311	0.26	88	-0.85	
LC0002	1.719	0.112	115	1.1	
LC0003	1.2	0.6	80.6	-1.39	
LC0004	1.68	0.337	113	0.92	
LC0005	1.408	0.5	94.5	-0.39	
LC0006	1.354	0.339	90.9	-0.65	
LC0007	1.606	0.241	108	0.56	
LC0008	-	-	-	-	
LC0009	1.477	0.48977	99.2	-0.06	
LC0010	1.65	0.052	111	0.77	
LC0011	1.585	0.32	106	0.46	
LC0012	1.42	0.025	95.3	-0.33	
LC0013	-	-	-	-	
LC0014	1.458	0.207	97.9	-0.15	
LC0015	1.6	0.24	107	0.53	
LC0016	1.32	0.528	88.6	-0.81	
LC0017	1.67	0.334	112	0.87	
LC0018	1.53	0.46	103	0.2	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.408	0.211	94.5	-0.39	
LC0022	1.43	0.143	96	-0.28	
LC0023	1.47	0.1	98.7	-0.09	

Characteristics of parameter

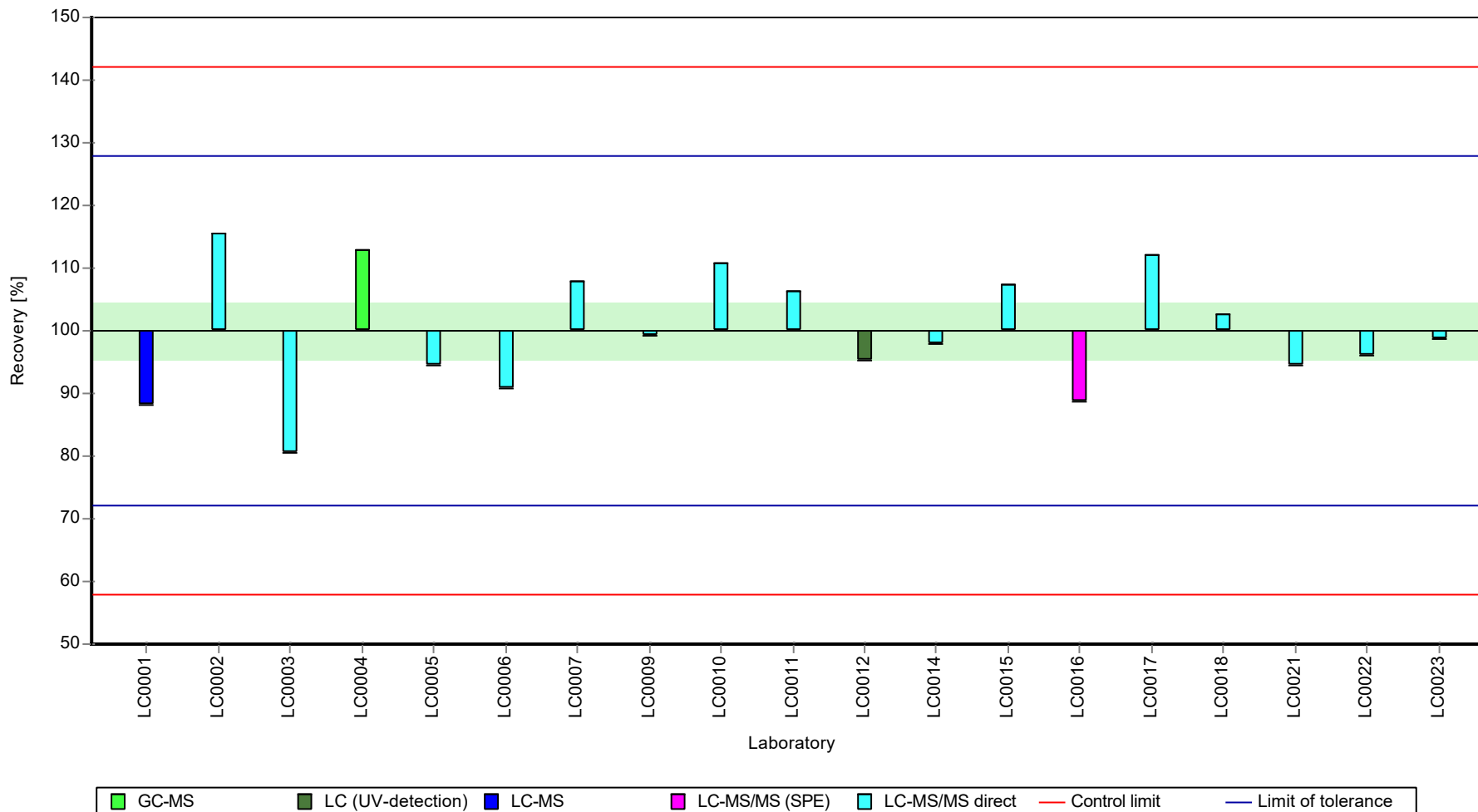
	all results	without outliers	Unit
Mean ± CI (99%)	1.49 ± 0.0986	1.49 ± 0.0986	µg/l
Minimum	1.2	1.2	µg/l
Maximum	1.72	1.72	µg/l
Standard deviation	0.143	0.143	µg/l
rel. standard deviation	9.62	9.62	%
n	19	19	-

Graphical presentation of results

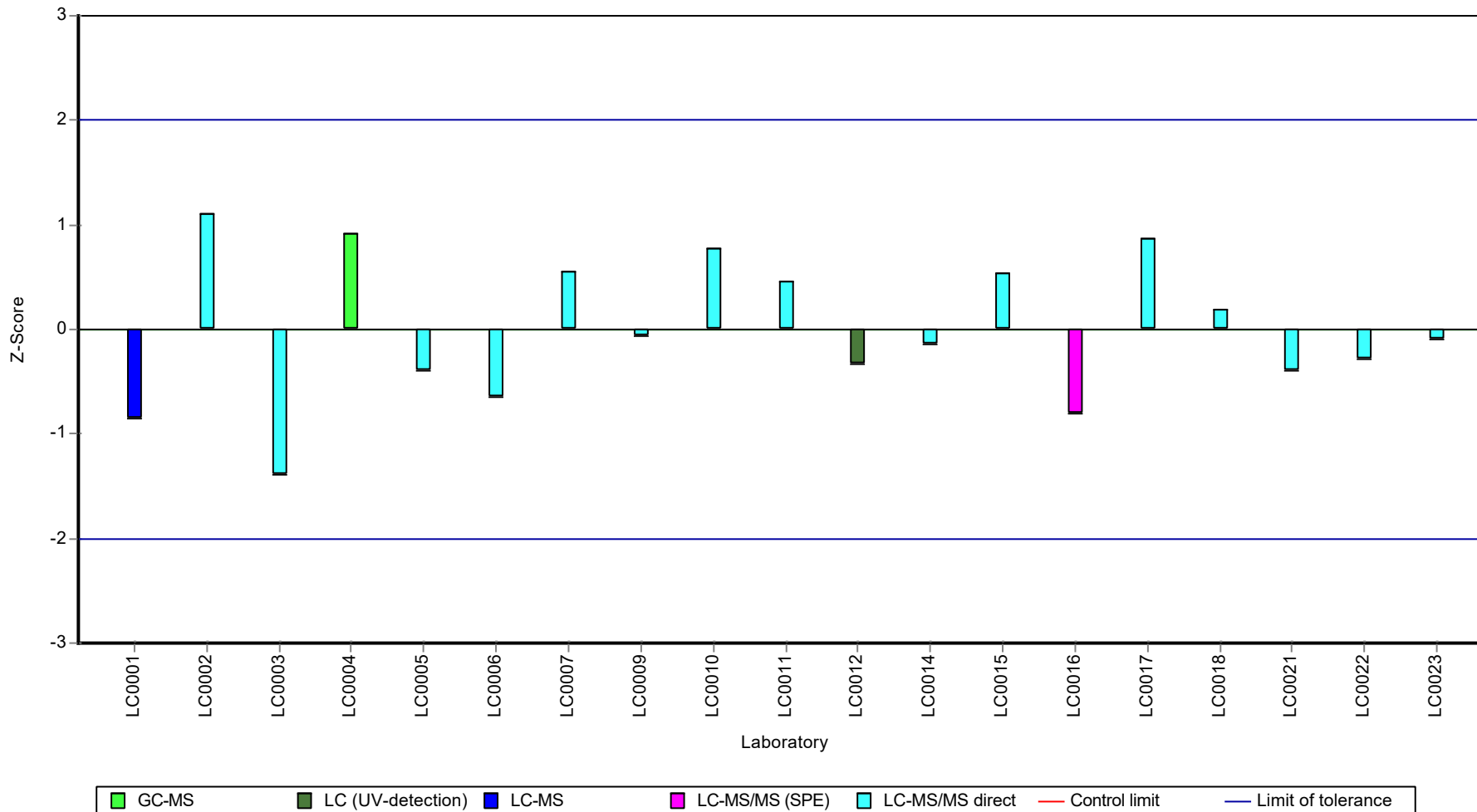
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.396 ± 0.0267
Criterion	0.0555 (14 %)
Minimum - Maximum	0.292 - 0.46
Control test value ± U (k=2)	0.436 ± 0.0654

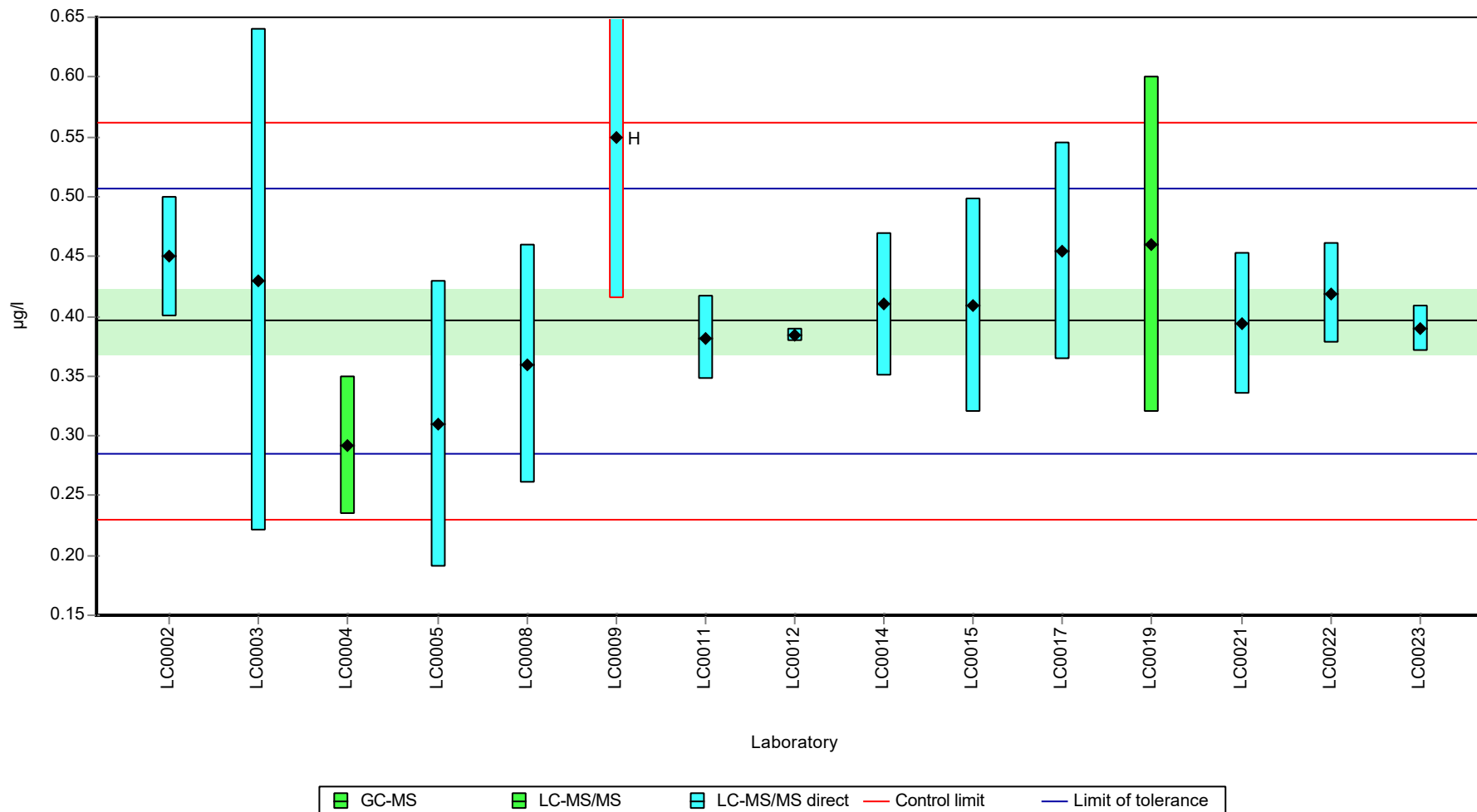
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.45	0.05	114	0.97	
LC0003	0.43	0.21	109	0.61	
LC0004	0.292	0.058	73.7	-1.88	
LC0005	0.31	0.12	78.3	-1.55	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.36	0.1	90.9	-0.65	
LC0009	0.549	0.13445	139	2.76	H
LC0010	-	-	-	-	
LC0011	0.382	0.035	96.4	-0.25	
LC0012	0.384	0.005	97	-0.22	
LC0013	-	-	-	-	
LC0014	0.41	0.06	104	0.25	
LC0015	0.409	0.09	103	0.23	
LC0016	-	-	-	-	
LC0017	0.455	0.091	115	1.06	
LC0018	-	-	-	-	
LC0019	0.46	0.14	116	1.15	
LC0020	-	-	-	-	
LC0021	0.394	0.059	99.5	-0.04	
LC0022	0.419	0.042	106	0.41	
LC0023	0.39	0.019	98.5	-0.11	

Characteristics of parameter

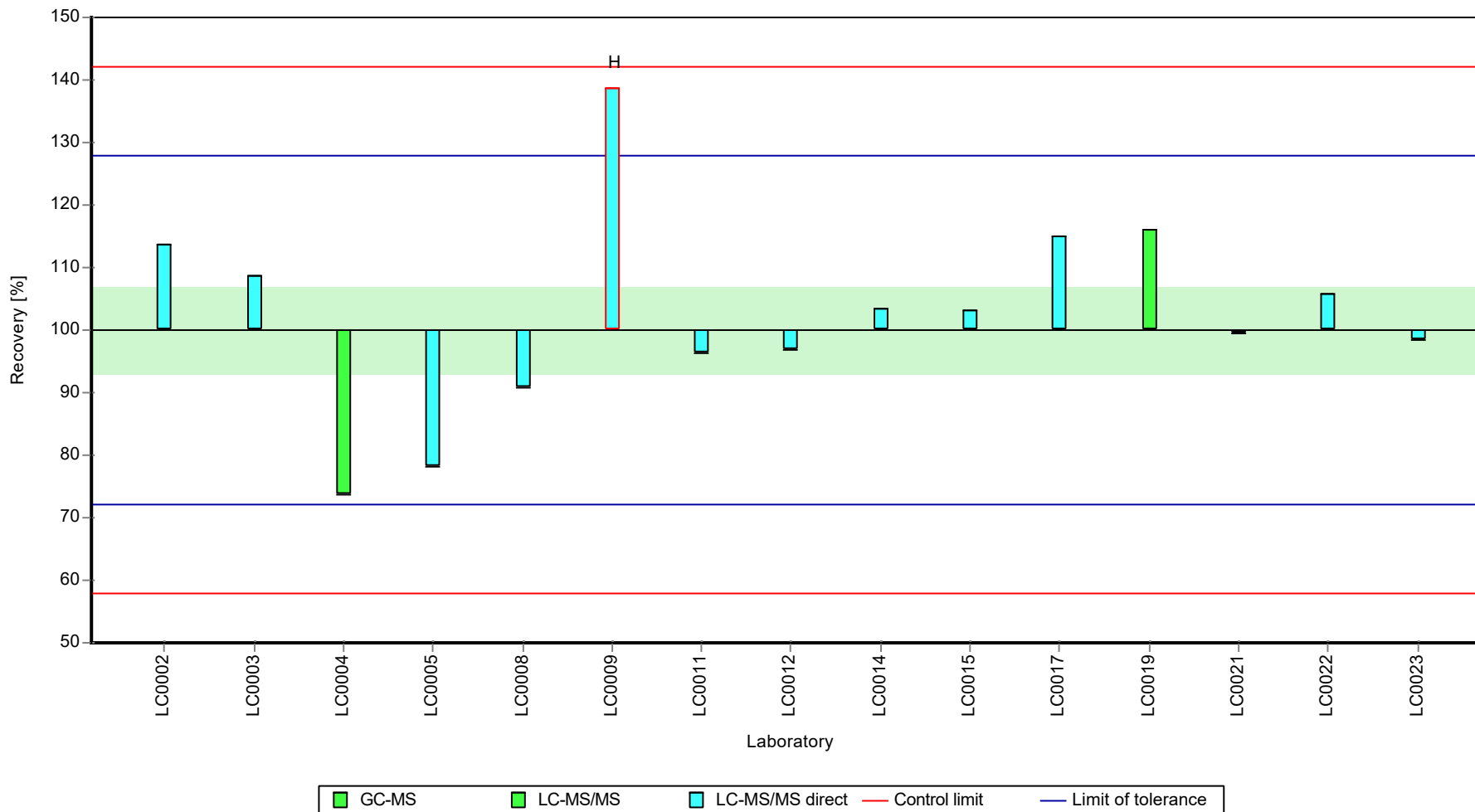
	all results	without outliers	Unit
Mean ± CI (99%)	0.406 ± 0.0482	0.396 ± 0.04	µg/l
Minimum	0.292	0.292	µg/l
Maximum	0.549	0.46	µg/l
Standard deviation	0.0623	0.0499	µg/l
rel. standard deviation	15.3	12.6	%
n	15	14	-

Graphical presentation of results

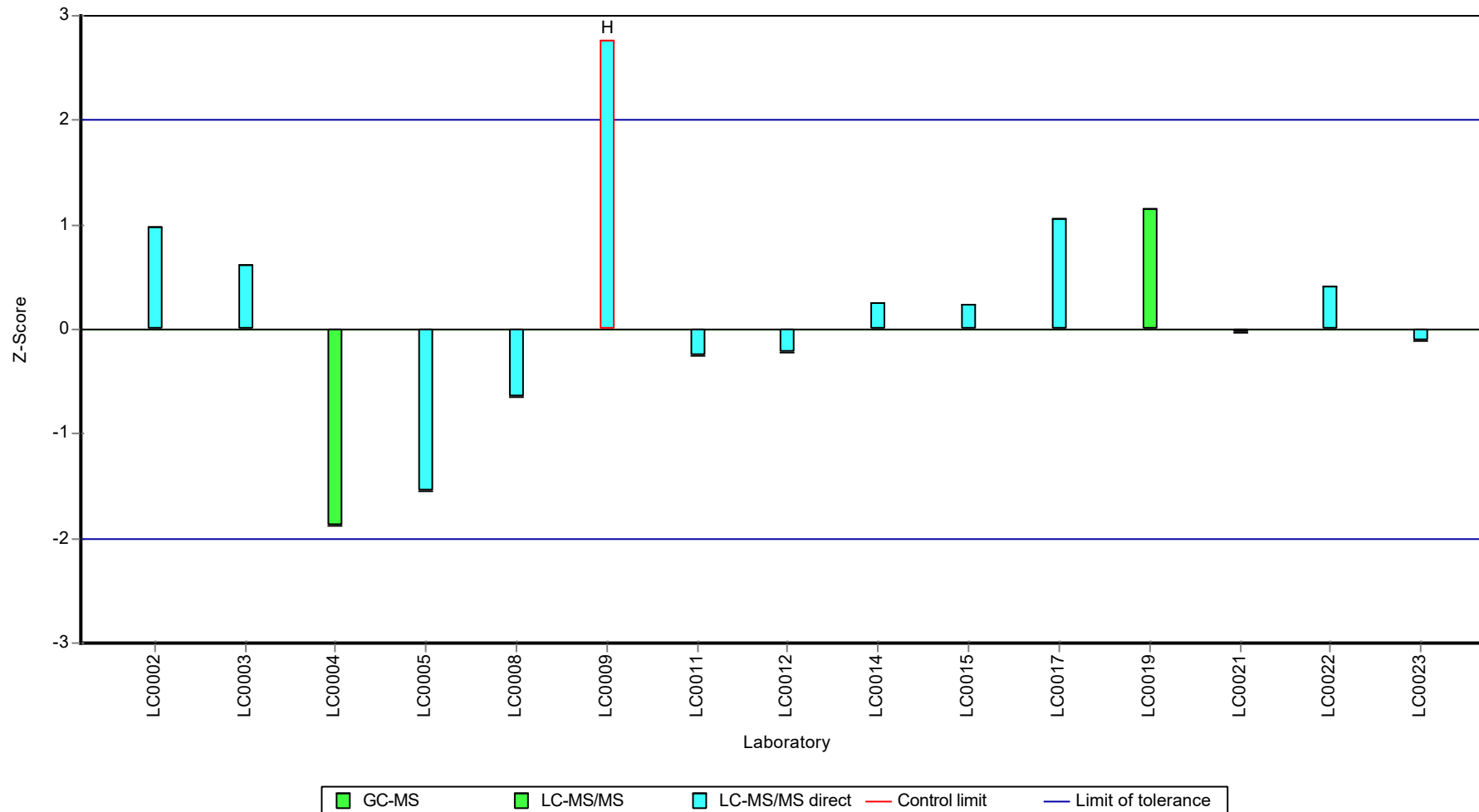
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Bromacil

Unit	µg/l
Assigned value ± U (k=2)	0.895 ± 0.0512
Criterion	0.125 (14 %)
Minimum - Maximum	0.68 - 1.04
Control test value ± U (k=2)	0.870 ± 0.131

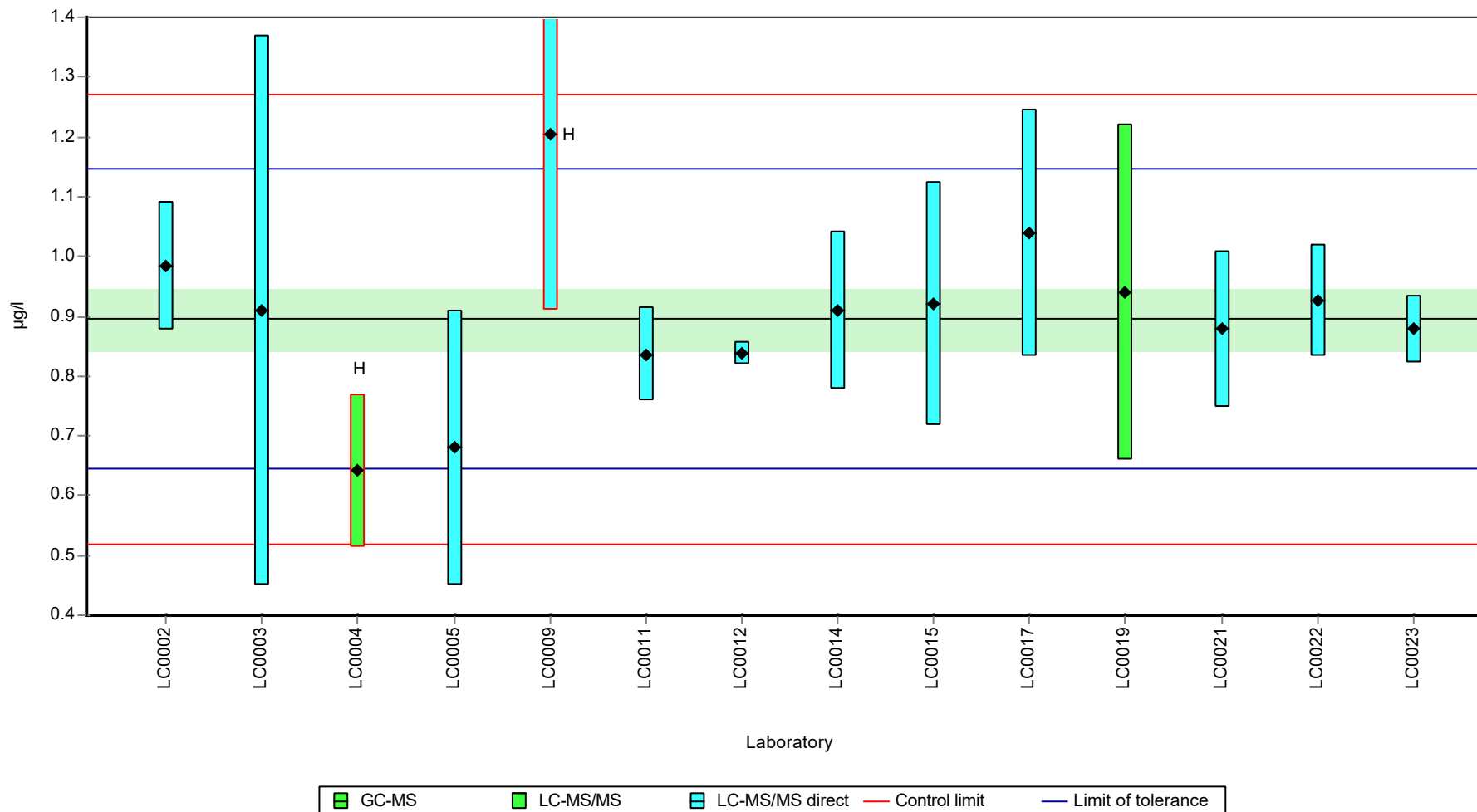
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.984	0.108	110	0.71	
LC0003	0.91	0.46	102	0.12	
LC0004	0.642	0.128	71.7	-2.02	H
LC0005	0.68	0.23	76	-1.72	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	1.204	0.29486	135	2.47	H
LC0010	-	-	-	-	
LC0011	0.836	0.078	93.4	-0.47	
LC0012	0.838	0.019	93.6	-0.46	
LC0013	-	-	-	-	
LC0014	0.91	0.133	102	0.12	
LC0015	0.921	0.203	103	0.21	
LC0016	-	-	-	-	
LC0017	1.04	0.207	116	1.16	
LC0018	-	-	-	-	
LC0019	0.94	0.28	105	0.36	
LC0020	-	-	-	-	
LC0021	0.878	0.132	98.1	-0.14	
LC0022	0.926	0.093	103	0.25	
LC0023	0.878	0.056	98.1	-0.14	

Characteristics of parameter

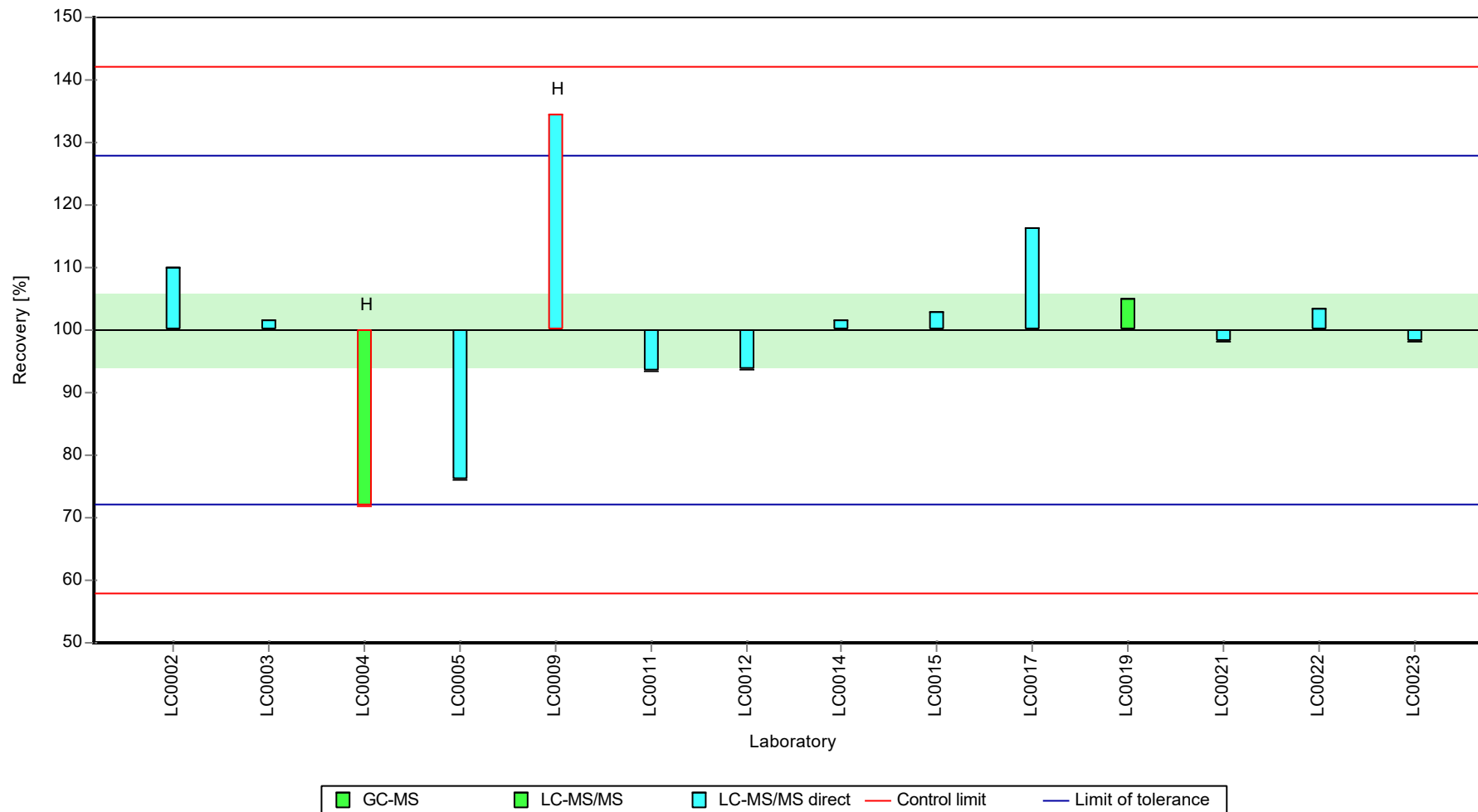
	all results	without outliers	Unit
Mean ± CI (99%)	0.899 ± 0.11	0.895 ± 0.0768	µg/l
Minimum	0.642	0.68	µg/l
Maximum	1.2	1.04	µg/l
Standard deviation	0.138	0.0887	µg/l
rel. standard deviation	15.3	9.91	%
n	14	12	-

Graphical presentation of results

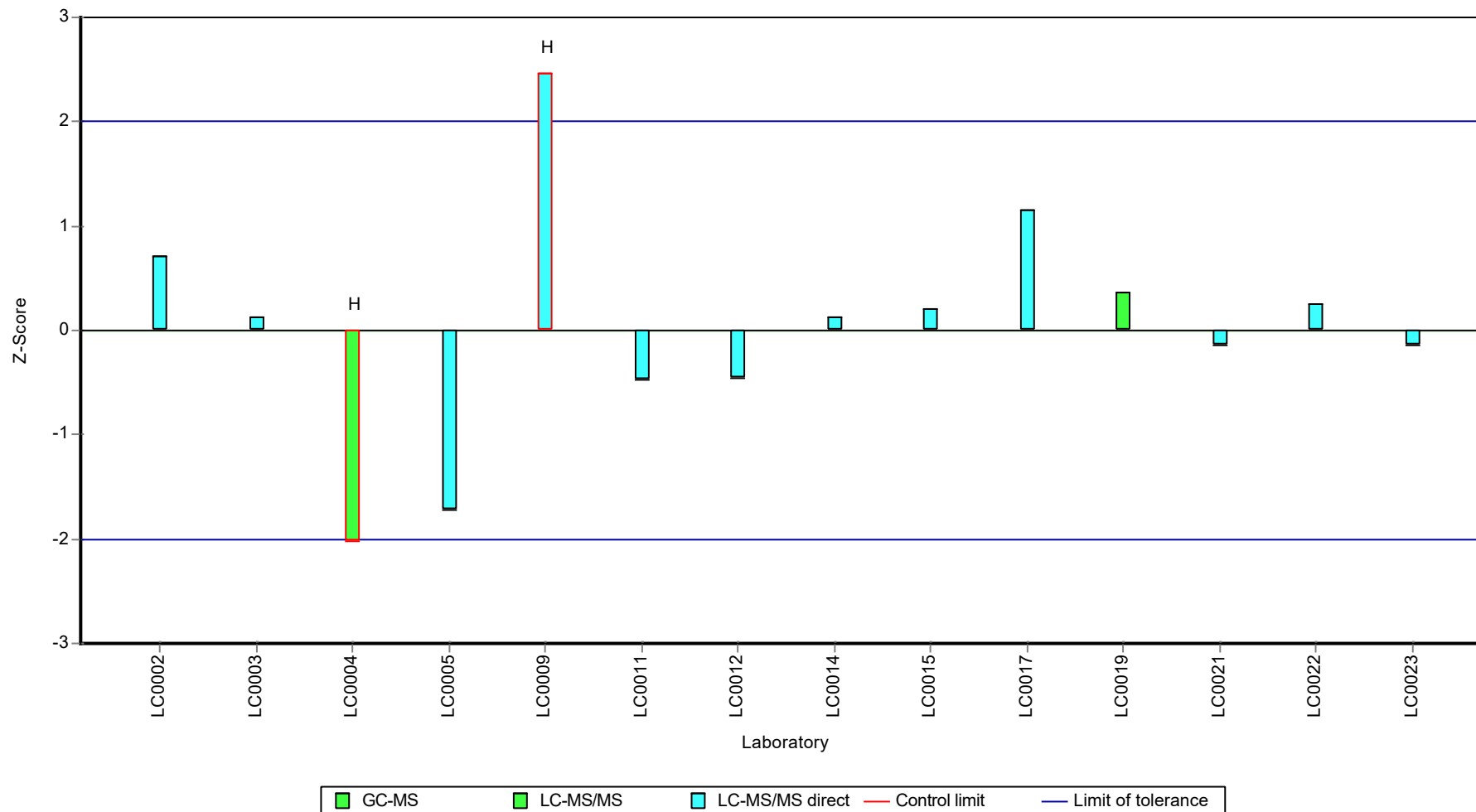
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Clothianidin

Unit	µg/l
Assigned value ± U (k=2)	0.253 ± 0.022
Criterion	0.0279 (11 %)
Minimum - Maximum	0.166 - 0.318
Control test value ± U (k=2)	0.265 ± 0.0397

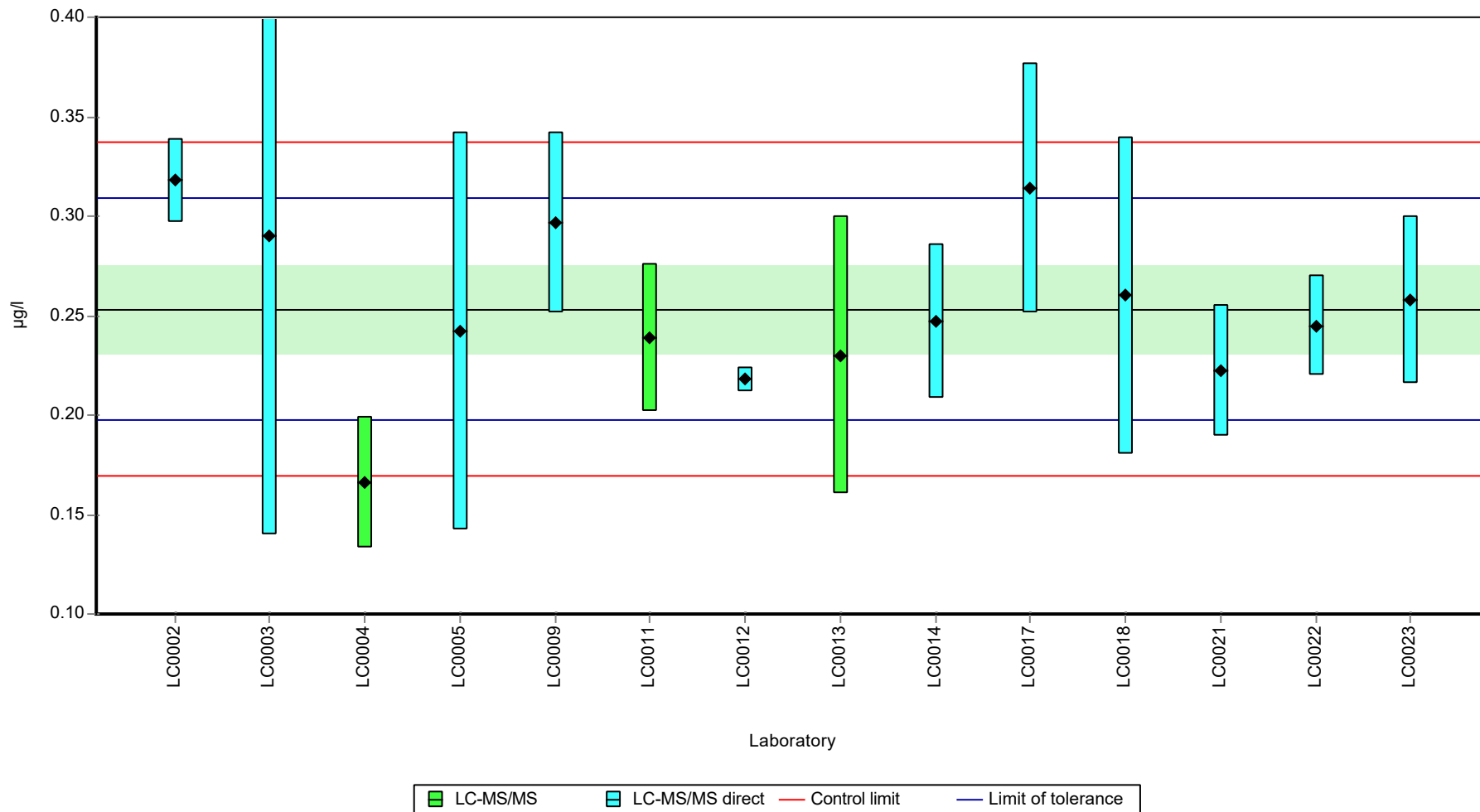
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.318	0.021	126	2.32	
LC0003	0.29	0.15	114	1.32	
LC0004	0.166	0.033	65.5	-3.13	
LC0005	0.242	0.1	95.5	-0.41	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.297	0.04538	117	1.57	
LC0010	-	-	-	-	
LC0011	0.239	0.037	94.4	-0.51	
LC0012	0.218	0.006	86.1	-1.27	
LC0013	0.23	0.07	90.8	-0.84	
LC0014	0.247	0.039	97.5	-0.23	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.314	0.063	124	2.18	
LC0018	0.26	0.08	103	0.24	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.222	0.033	87.6	-1.12	
LC0022	0.245	0.025	96.7	-0.3	
LC0023	0.258	0.0419	102	0.17	

Characteristics of parameter

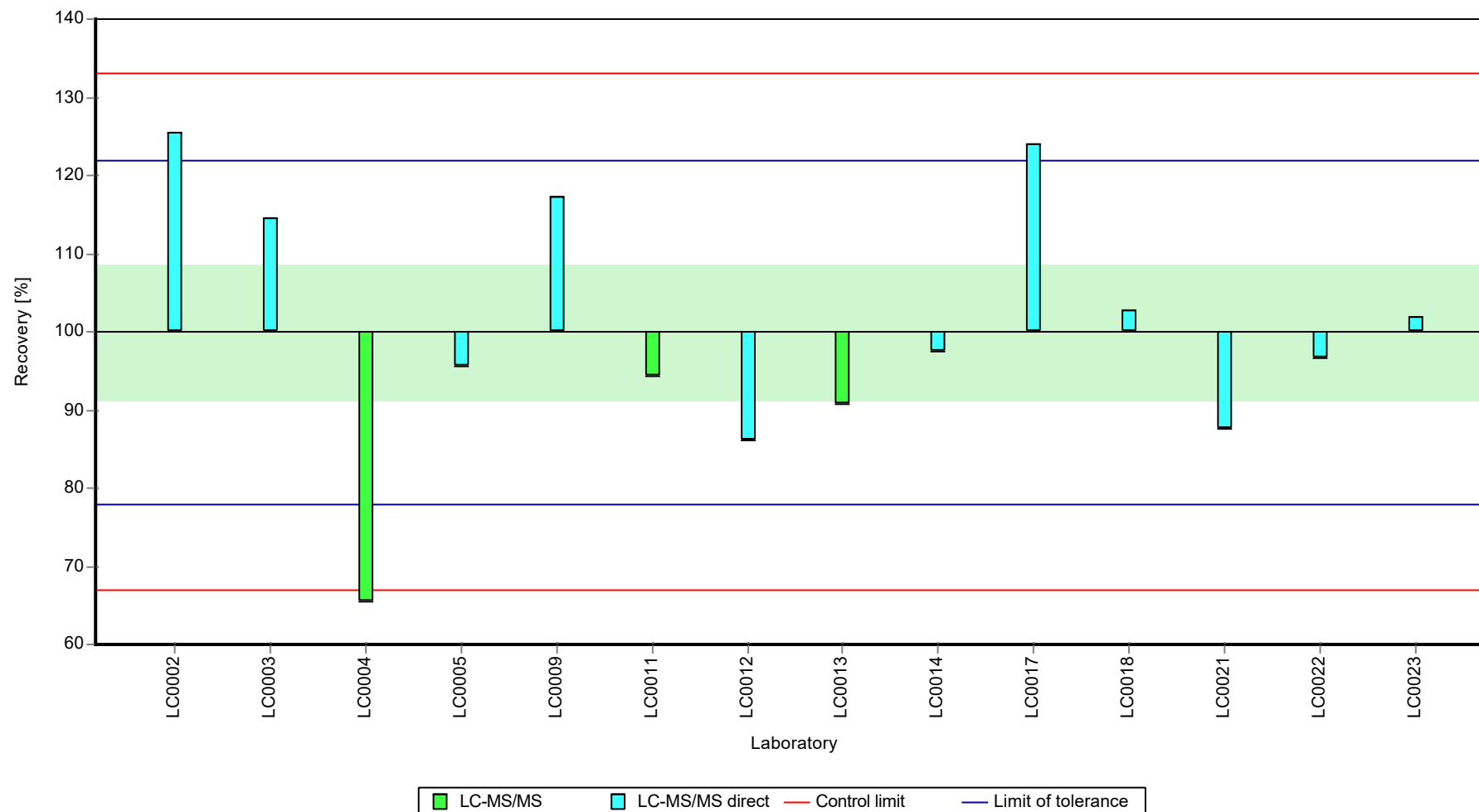
	all results	without outliers	Unit
Mean ± CI (99%)	0.253 ± 0.033	0.253 ± 0.033	µg/l
Minimum	0.166	0.166	µg/l
Maximum	0.318	0.318	µg/l
Standard deviation	0.0412	0.0412	µg/l
rel. standard deviation	16.3	16.3	%
n	14	14	-

Graphical presentation of results

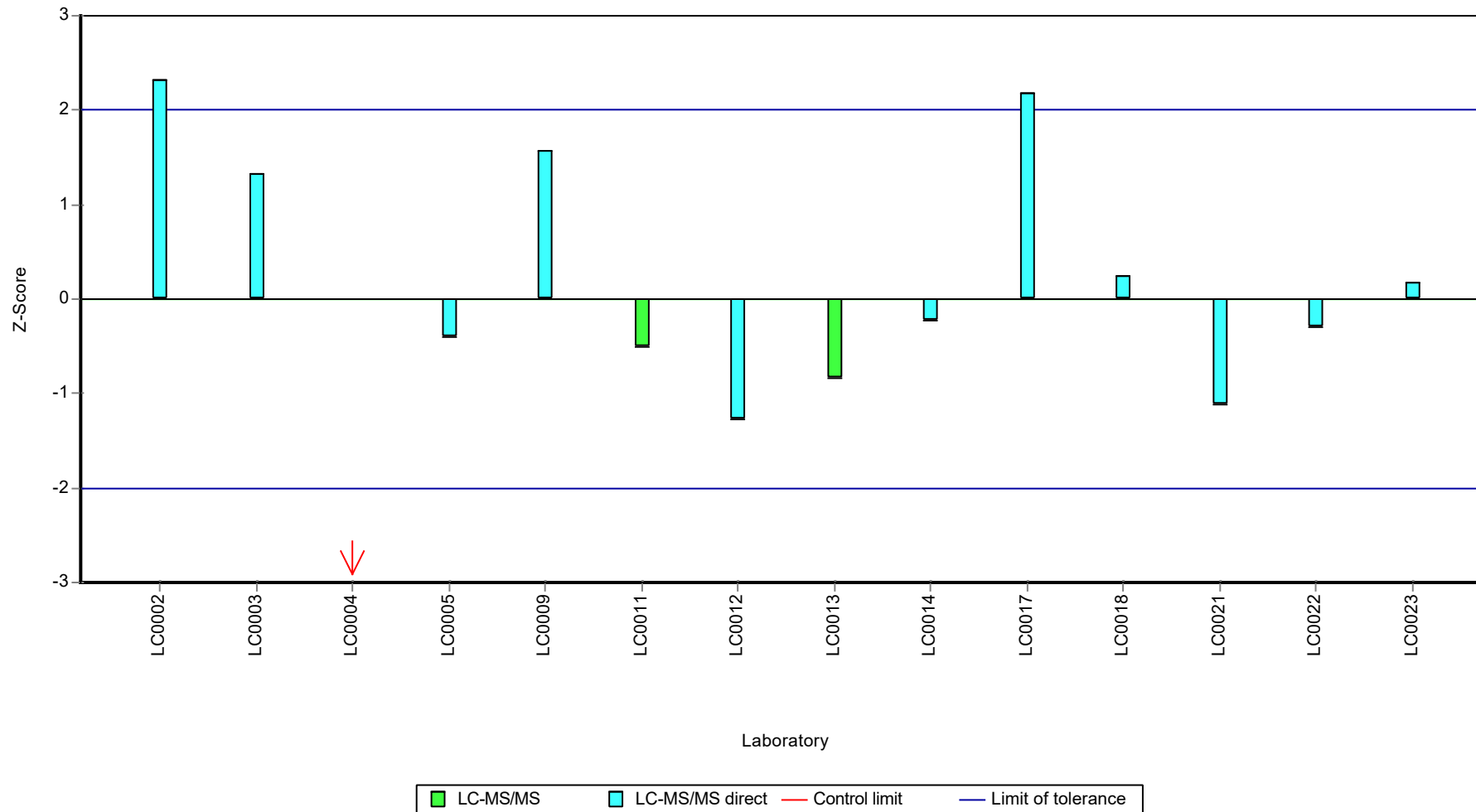
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Clothianidin

Unit	µg/l
Assigned value ± U (k=2)	0.917 ± 0.0705
Criterion	0.101 (11 %)
Minimum - Maximum	0.651 - 1.17
Control test value ± U (k=2)	0.879 ± 0.132

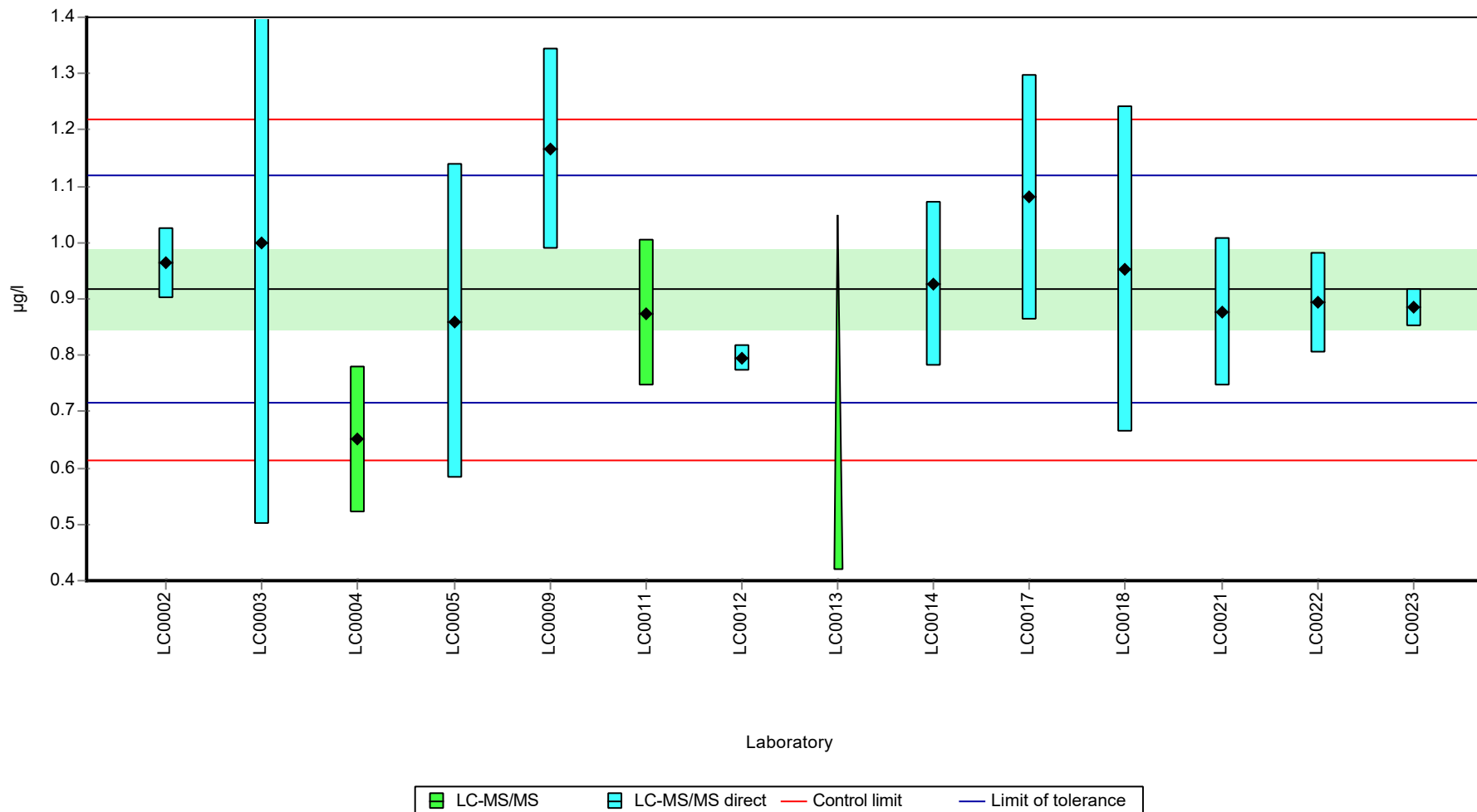
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.964	0.063	105	0.46	
LC0003	1	0.5	109	0.82	
LC0004	0.651	0.13	71	-2.64	
LC0005	0.86	0.28	93.8	-0.57	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	1.167	0.17832	127	2.48	
LC0010	-	-	-	-	
LC0011	0.875	0.13	95.4	-0.42	
LC0012	0.794	0.023	86.6	-1.22	
LC0013	>0.42	0.13	-	-	
LC0014	0.926	0.147	101	0.09	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	1.08	0.217	118	1.61	
LC0018	0.953	0.29	104	0.35	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.876	0.131	95.5	-0.41	
LC0022	0.893	0.089	97.4	-0.24	
LC0023	0.885	0.034	96.5	-0.32	

Characteristics of parameter

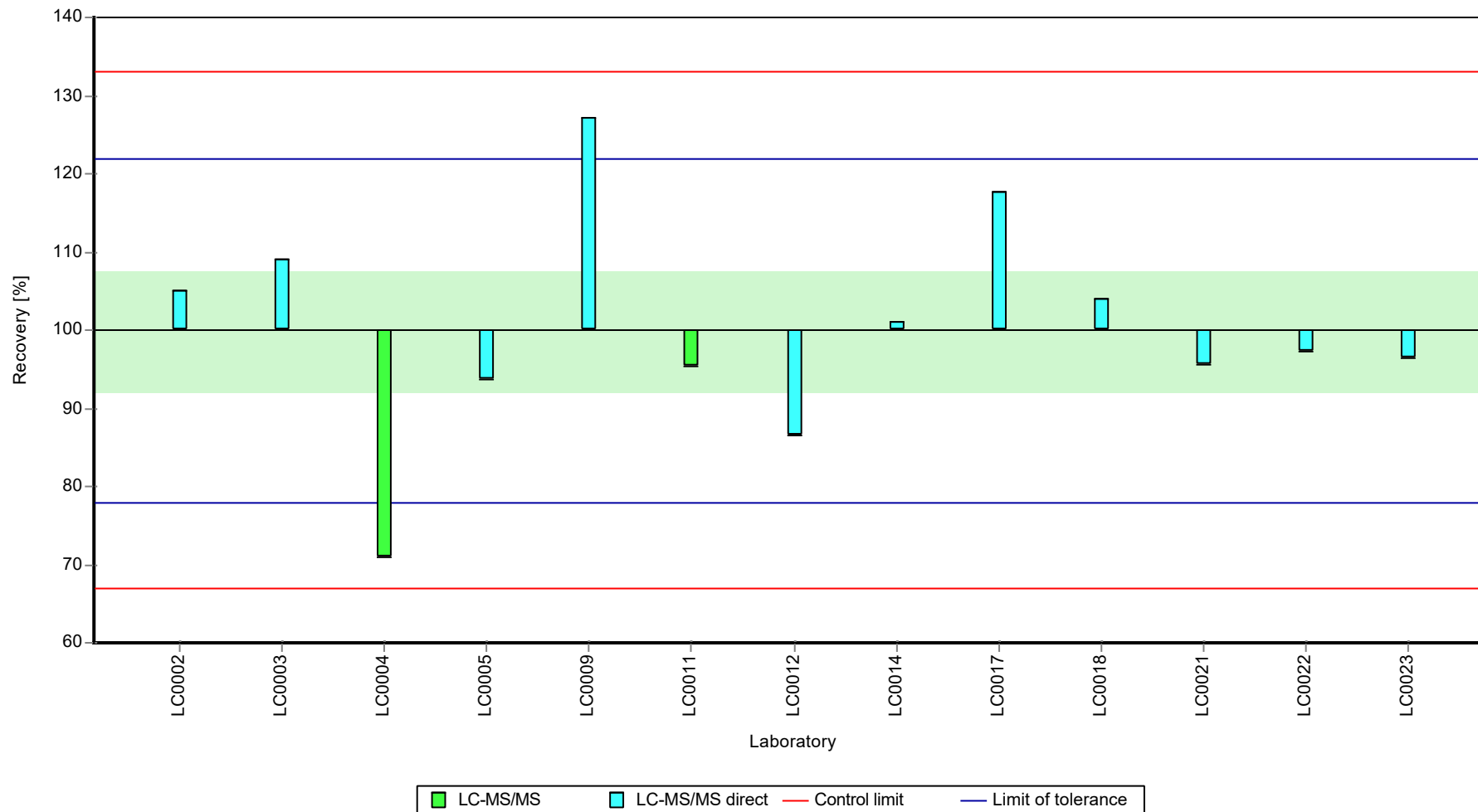
	all results	without outliers	Unit
Mean ± CI (99%)	0.917 ± 0.106	0.917 ± 0.106	µg/l
Minimum	0.651	0.651	µg/l
Maximum	1.17	1.17	µg/l
Standard deviation	0.127	0.127	µg/l
rel. standard deviation	13.9	13.9	%
n	13	13	-

Graphical presentation of results

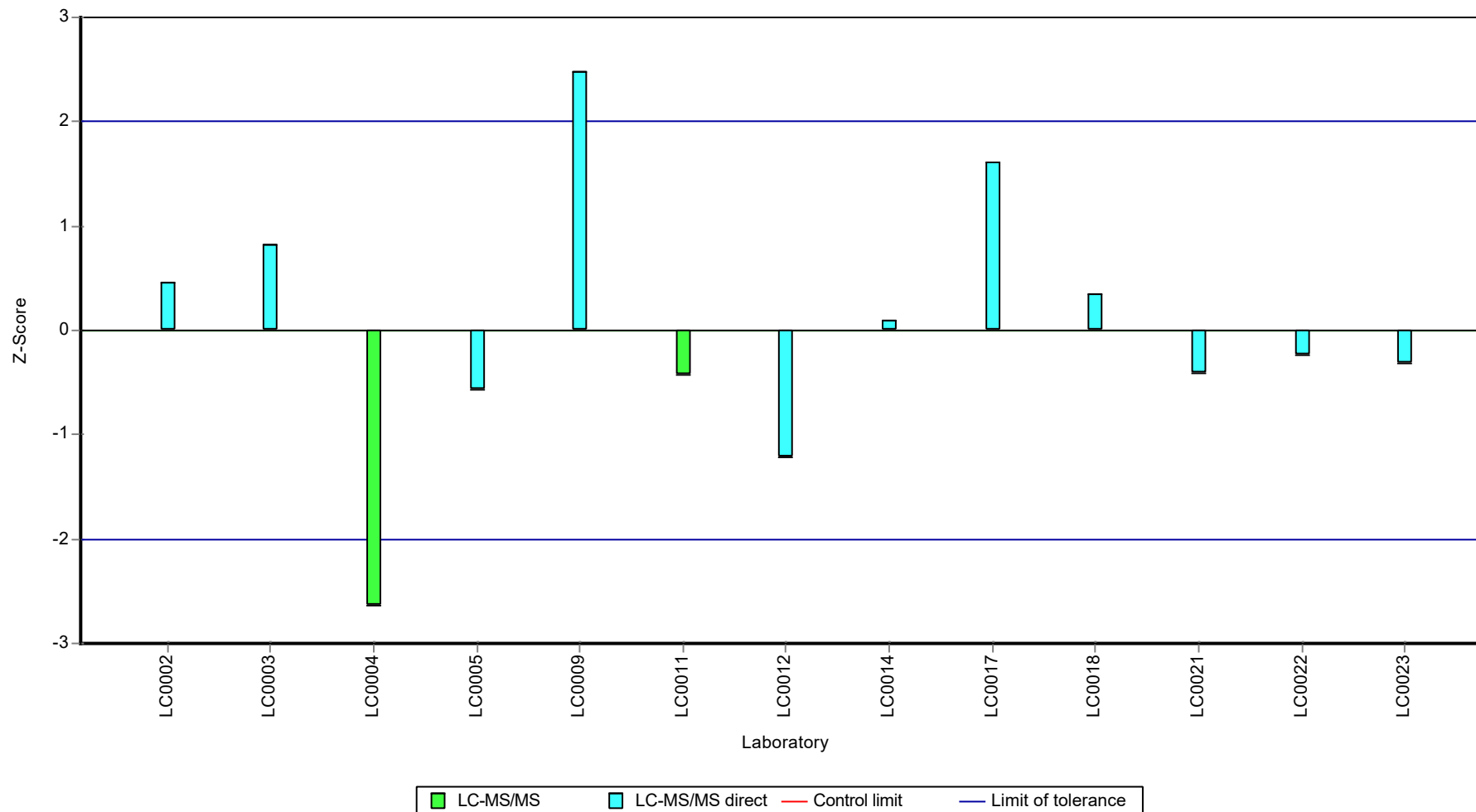
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	0.565 ± 0.036
Criterion	0.0791 (14 %)
Minimum - Maximum	0.461 - 0.688
Control test value ± U (k=2)	0.549 ± 0.0824

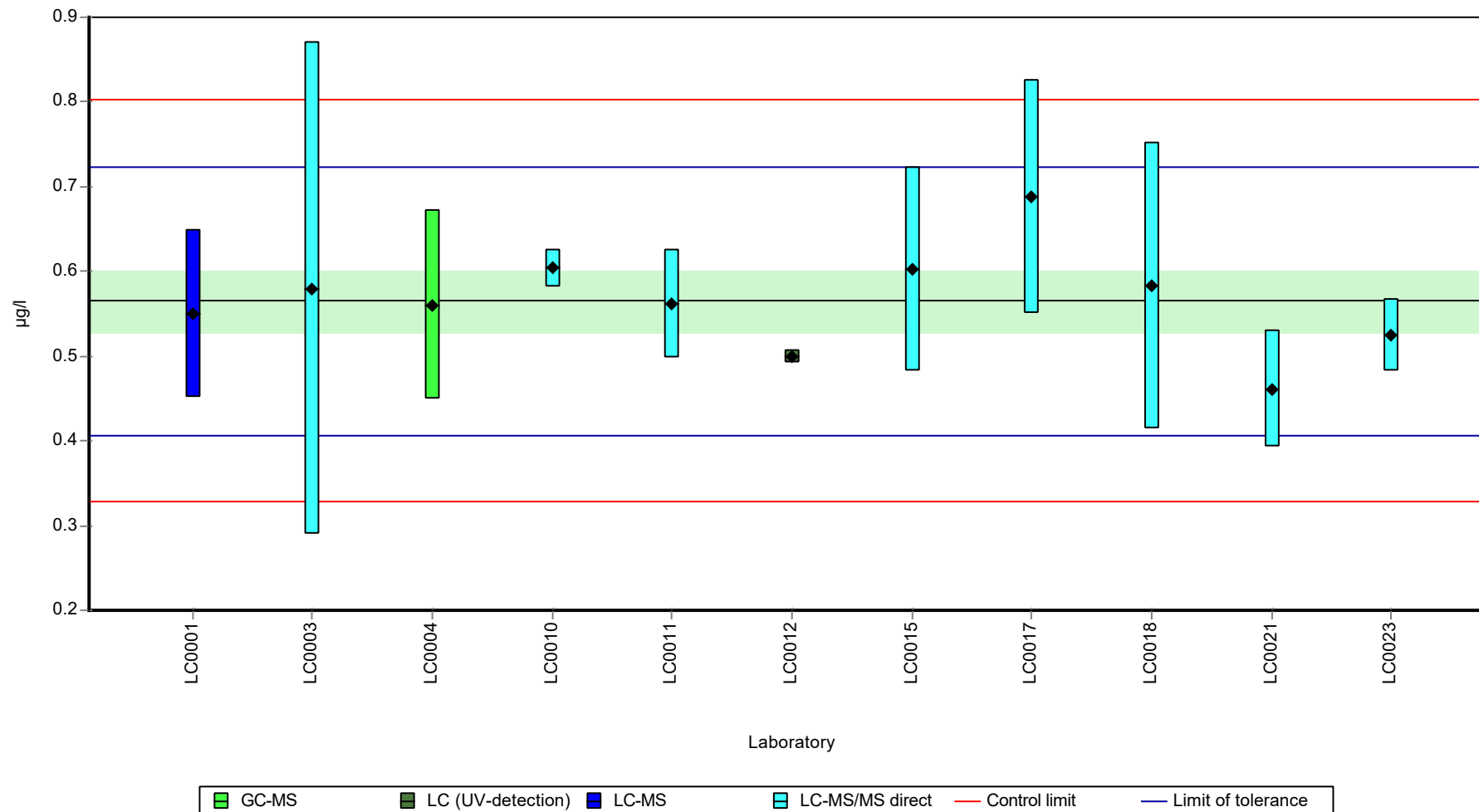
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.55	0.1	97.4	-0.19	
LC0002	-	-	-	-	
LC0003	0.58	0.29	103	0.19	
LC0004	0.56	0.112	99.1	-0.06	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.604	0.022	107	0.49	
LC0011	0.561	0.064	99.3	-0.05	
LC0012	0.499	0.008	88.3	-0.83	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.603	0.121	107	0.48	
LC0016	-	-	-	-	
LC0017	0.688	0.138	122	1.56	
LC0018	0.583	0.17	103	0.23	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.461	0.069	81.6	-1.31	
LC0022	-	-	-	-	
LC0023	0.525	0.043	92.9	-0.51	

Characteristics of parameter

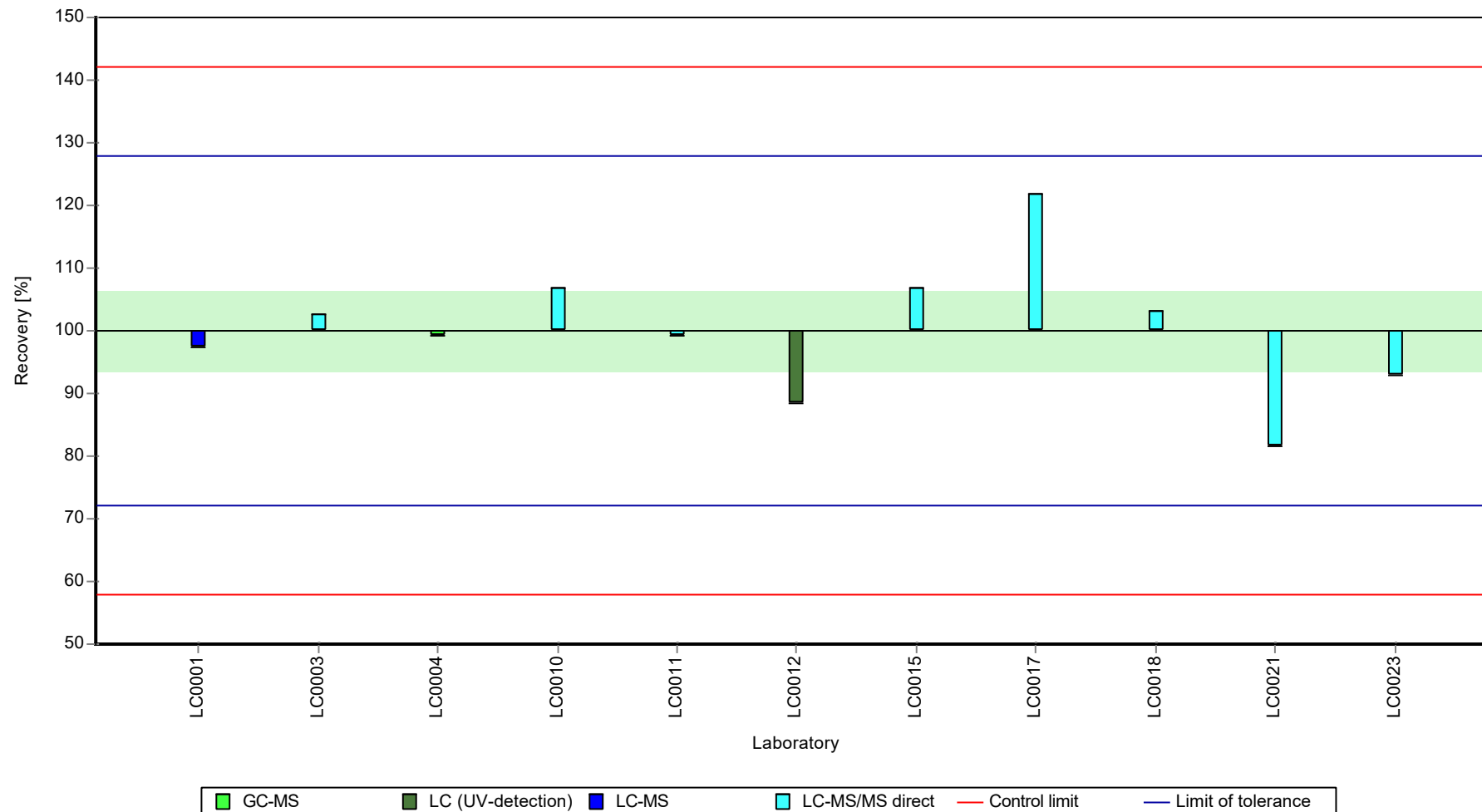
	all results	without outliers	Unit
Mean ± CI (99%)	0.565 ± 0.054	0.565 ± 0.054	µg/l
Minimum	0.461	0.461	µg/l
Maximum	0.688	0.688	µg/l
Standard deviation	0.0597	0.0597	µg/l
rel. standard deviation	10.6	10.6	%
n	11	11	-

Graphical presentation of results

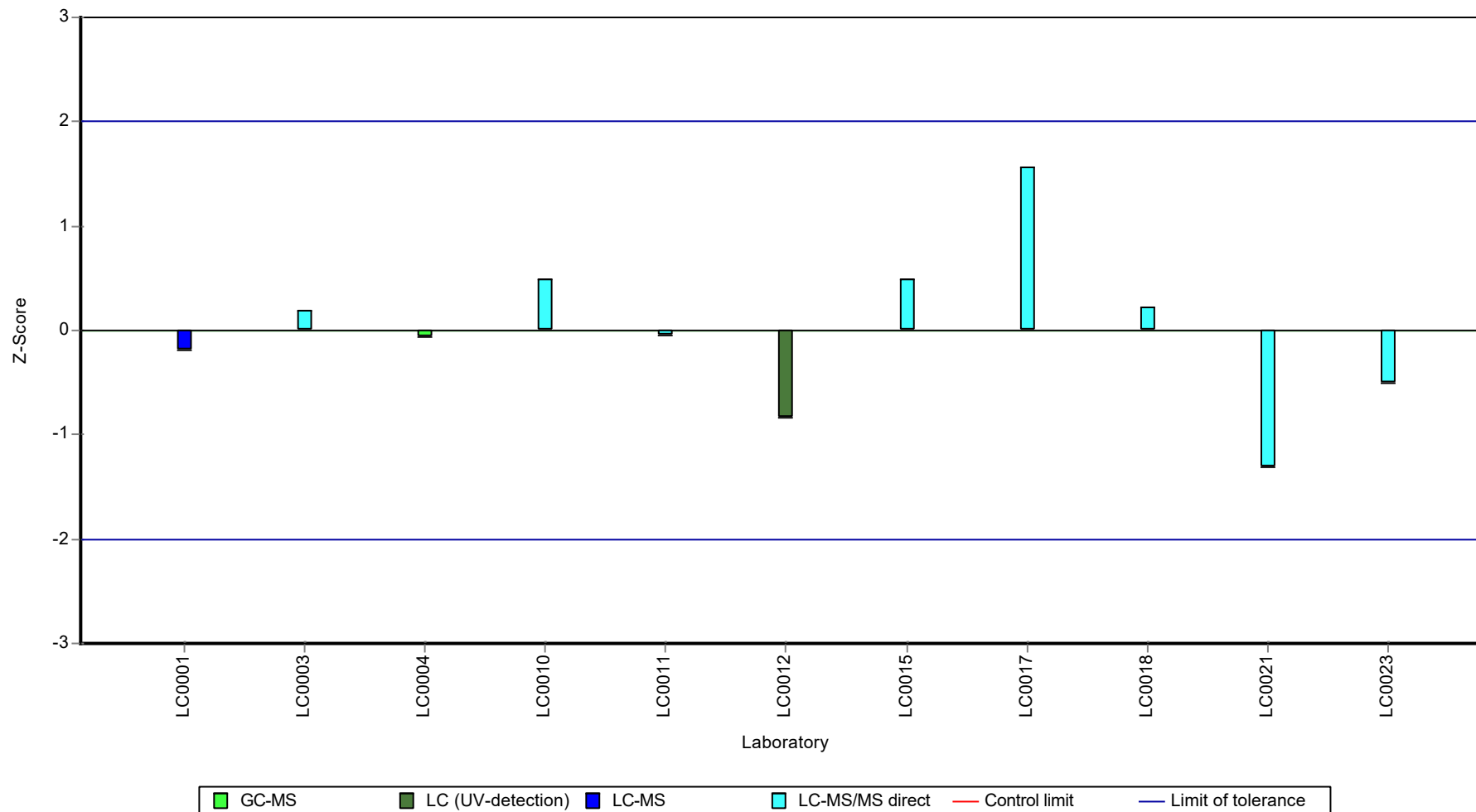
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Cyanazine

Unit	µg/l
Assigned value ± U (k=2)	1.44 ± 0.0964
Criterion	0.202 (14 %)
Minimum - Maximum	1.28 - 1.71
Control test value ± U (k=2)	1.15 ± 0.173

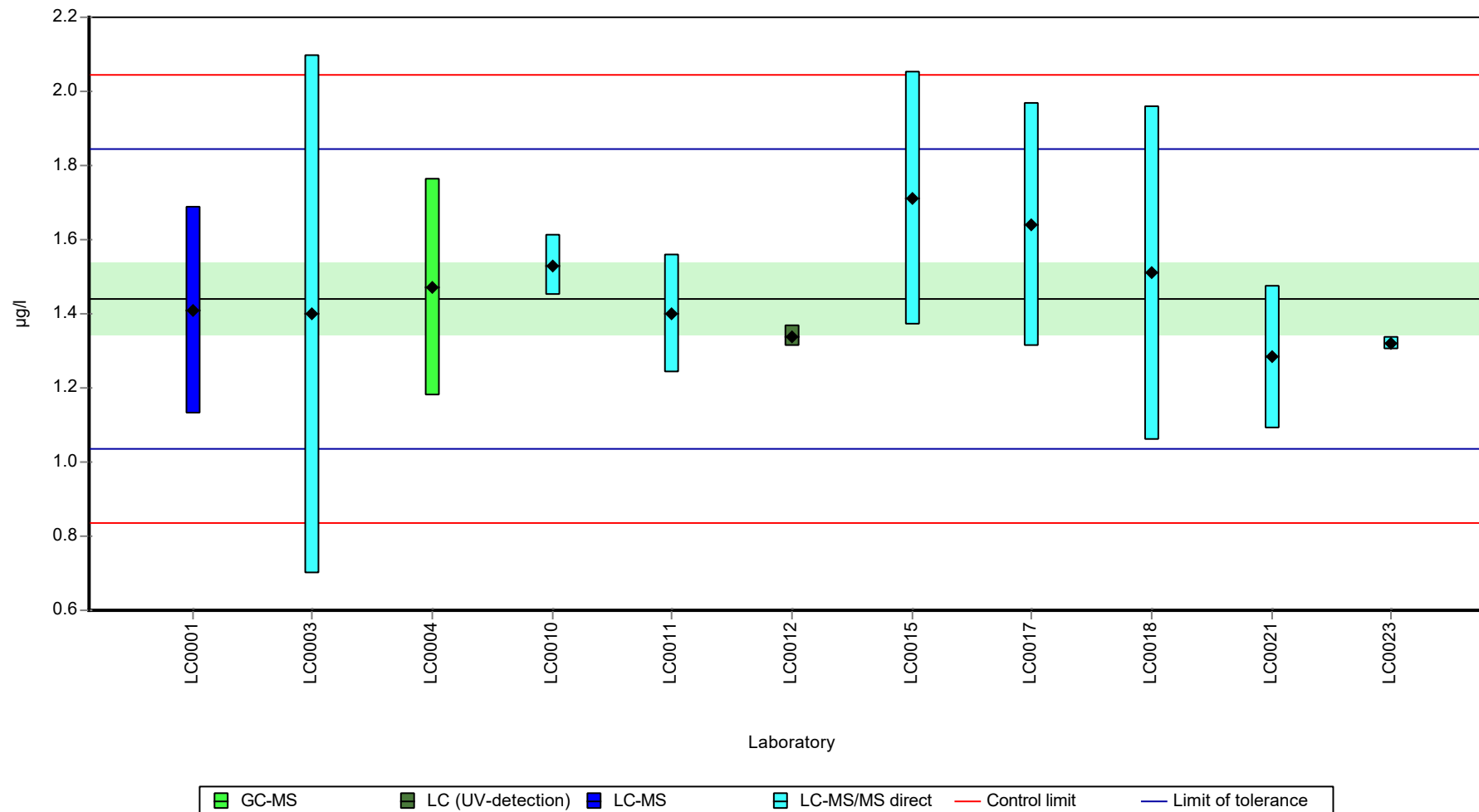
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	1.407	0.28	97.6	-0.17	
LC0002	-	-	-	-	
LC0003	1.4	0.7	97.1	-0.2	
LC0004	1.47	0.294	102	0.14	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	1.53	0.083	106	0.44	
LC0011	1.4	0.16	97.1	-0.2	
LC0012	1.34	0.028	93	-0.5	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	1.71	0.342	119	1.33	
LC0016	-	-	-	-	
LC0017	1.64	0.328	114	0.99	
LC0018	1.51	0.45	105	0.34	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.283	0.192	89	-0.78	
LC0022	-	-	-	-	
LC0023	1.32	0.018	91.6	-0.6	

Characteristics of parameter

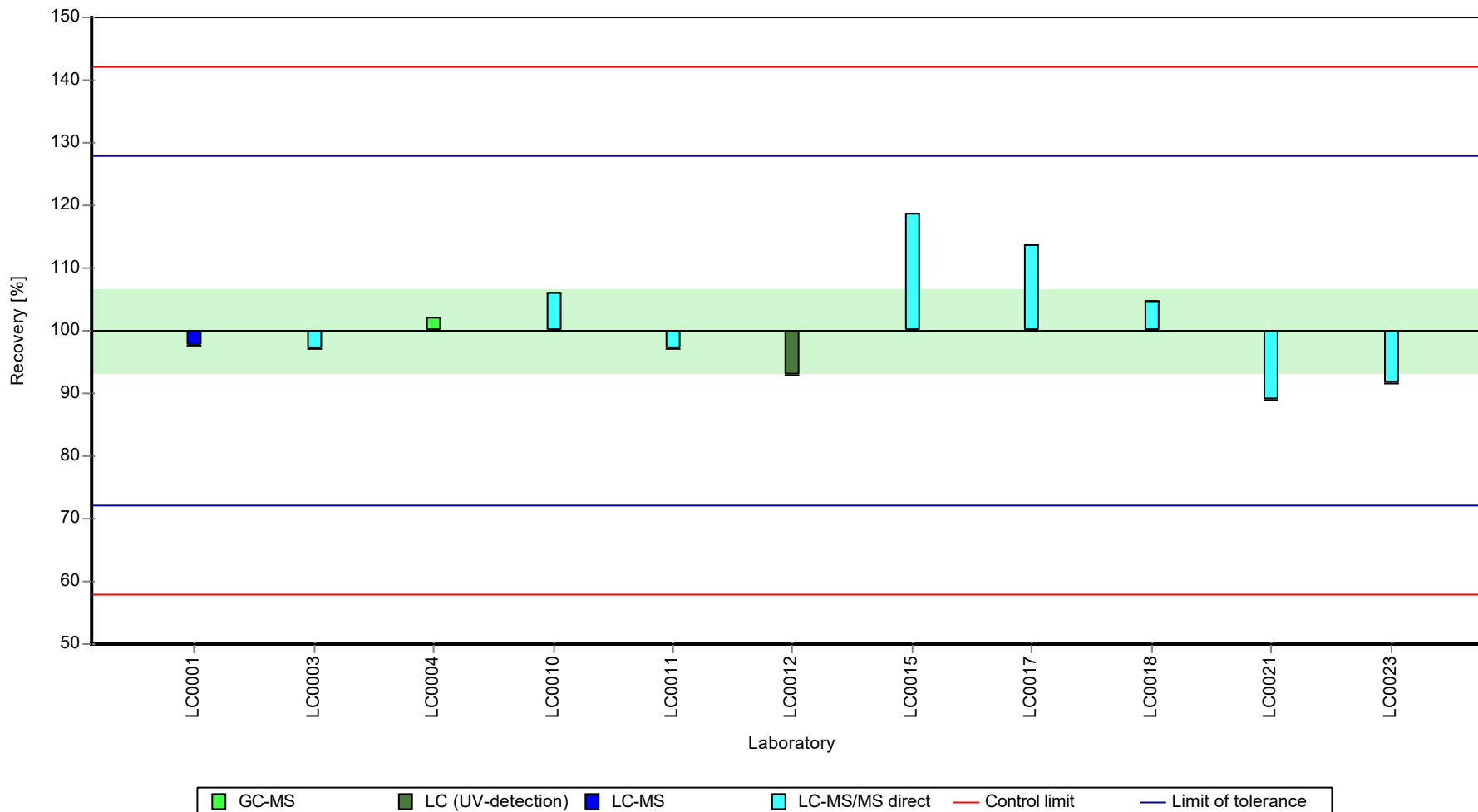
	all results	without outliers	Unit
Mean ± CI (99%)	1.46 ± 0.121	1.46 ± 0.121	µg/l
Minimum	1.28	1.28	µg/l
Maximum	1.71	1.71	µg/l
Standard deviation	0.133	0.133	µg/l
rel. standard deviation	9.15	9.15	%
n	11	11	-

Graphical presentation of results

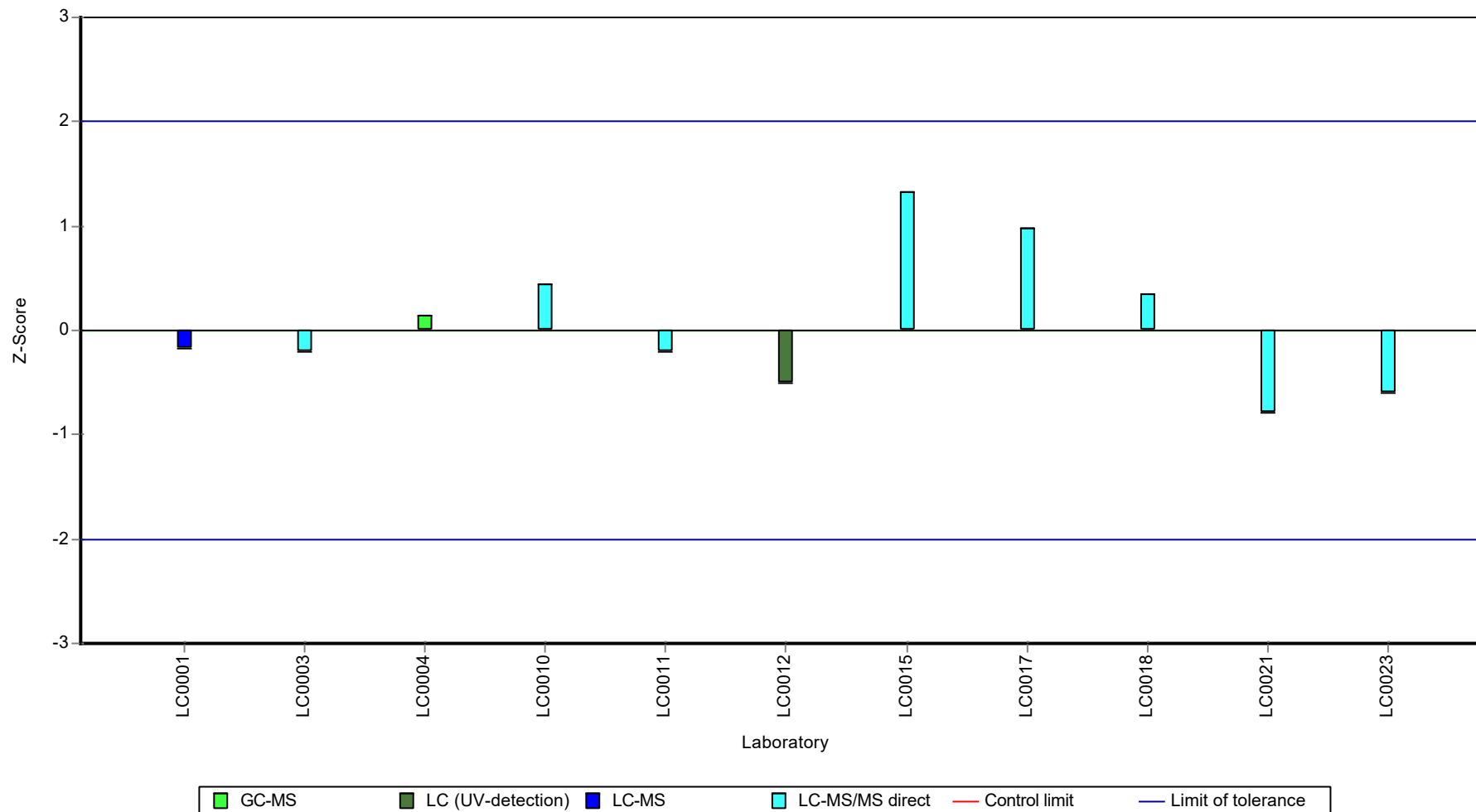
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Dieldrin

Unit	µg/l
Assigned value ± U (k=2)	0.387 ± 0.0252
Criterion	0.0889 (23 %)
Minimum - Maximum	0.321 - 0.443
Control test value ± U (k=2)	0.399 ± 0.175

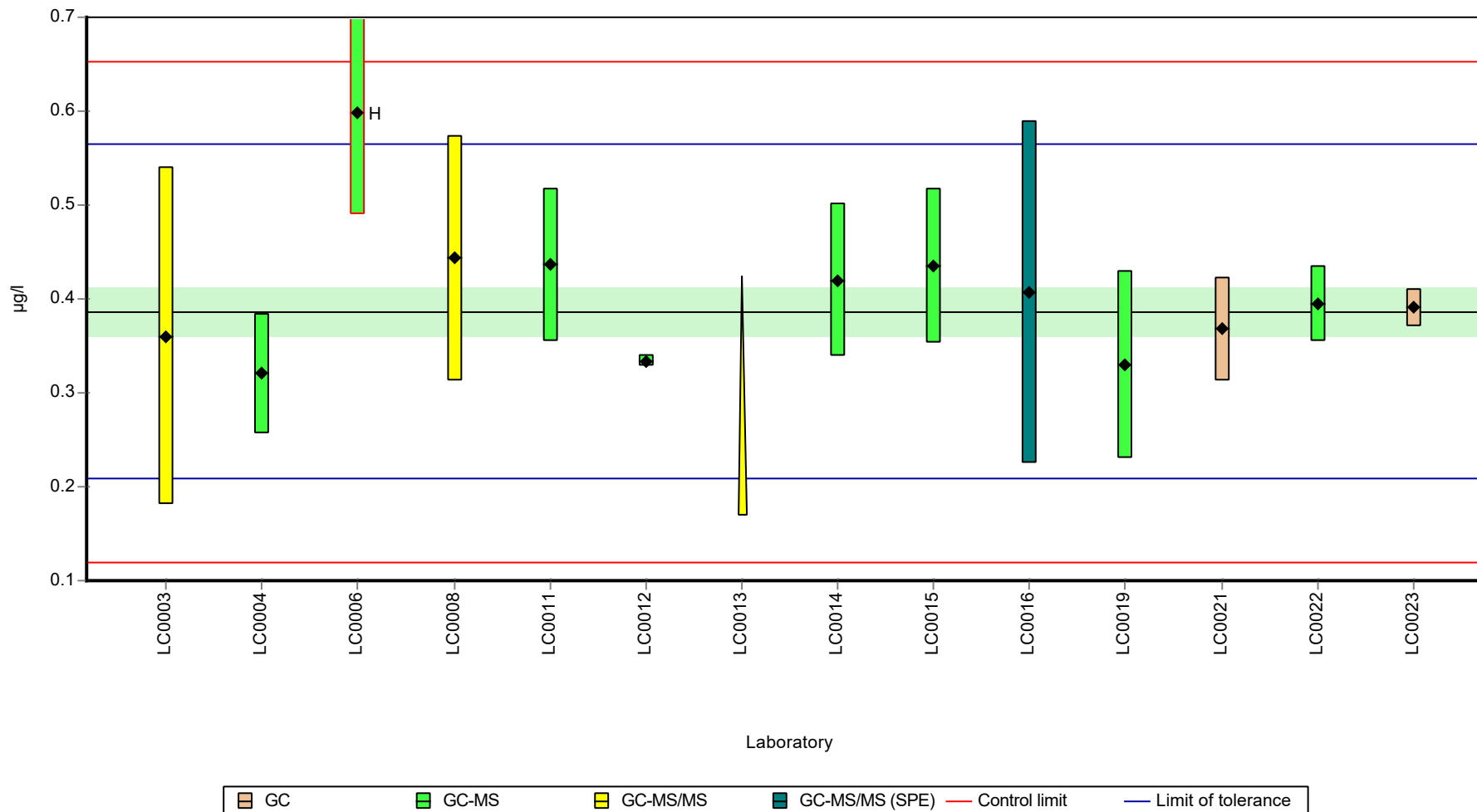
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.36	0.18	93.1	-0.3	
LC0004	0.321	0.064	83	-0.74	
LC0005	-	-	-	-	
LC0006	0.598	0.108	155	2.38	H
LC0007	-	-	-	-	
LC0008	0.443	0.13	115	0.63	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.436	0.081	113	0.56	
LC0012	0.334	0.006	86.4	-0.59	
LC0013	>0.17	0.05	-	-	
LC0014	0.42	0.081	109	0.38	
LC0015	0.435	0.083	113	0.54	
LC0016	0.407	0.183	105	0.23	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.33	0.1	85.3	-0.64	
LC0020	-	-	-	-	
LC0021	0.368	0.055	95.2	-0.21	
LC0022	0.395	0.04	102	0.09	
LC0023	0.391	0.02	101	0.05	

Characteristics of parameter

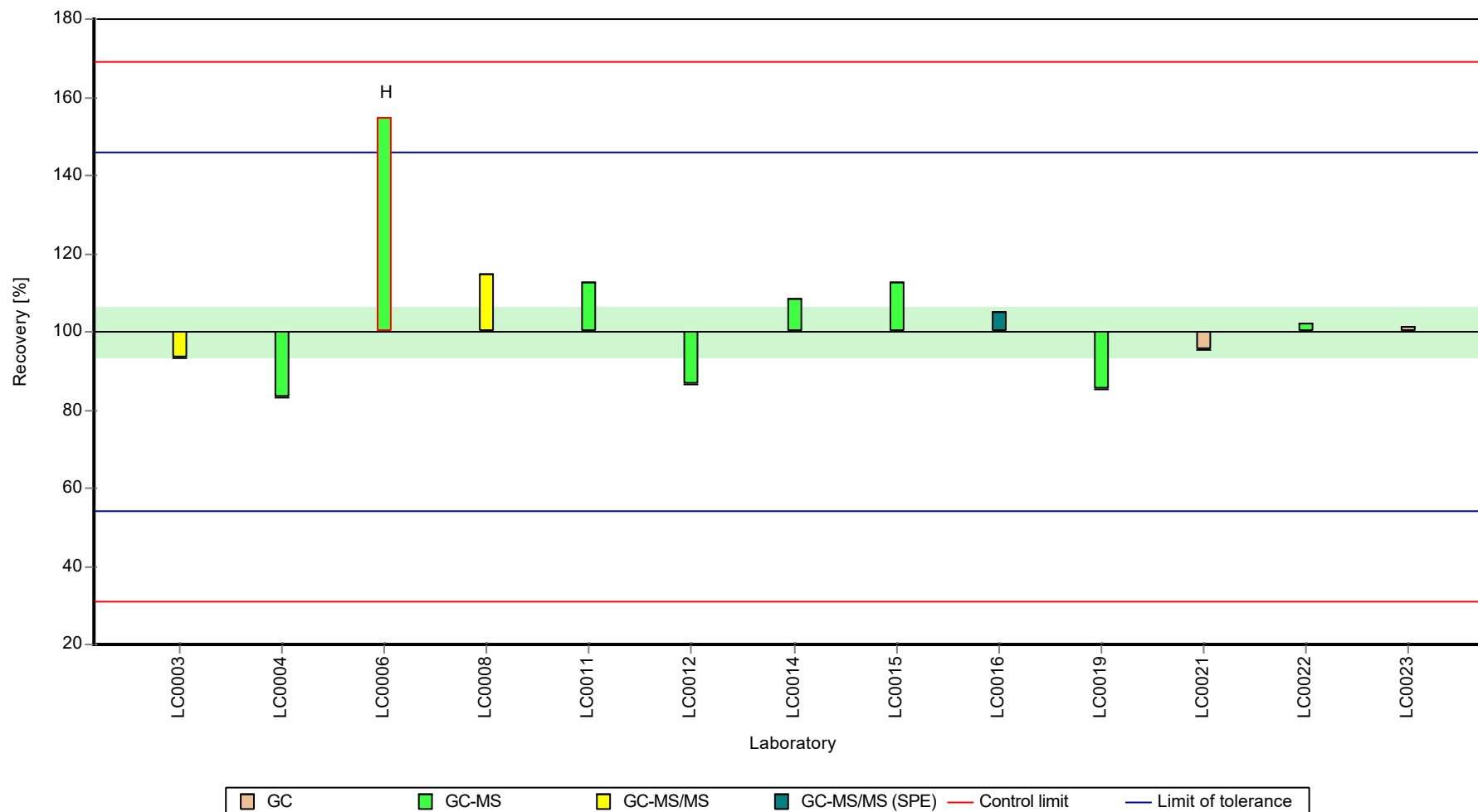
	all results	without outliers	Unit
Mean ± CI (99%)	0.403 ± 0.0599	0.387 ± 0.0378	µg/l
Minimum	0.321	0.321	µg/l
Maximum	0.598	0.443	µg/l
Standard deviation	0.072	0.0436	µg/l
rel. standard deviation	17.9	11.3	%
n	13	12	-

Graphical presentation of results

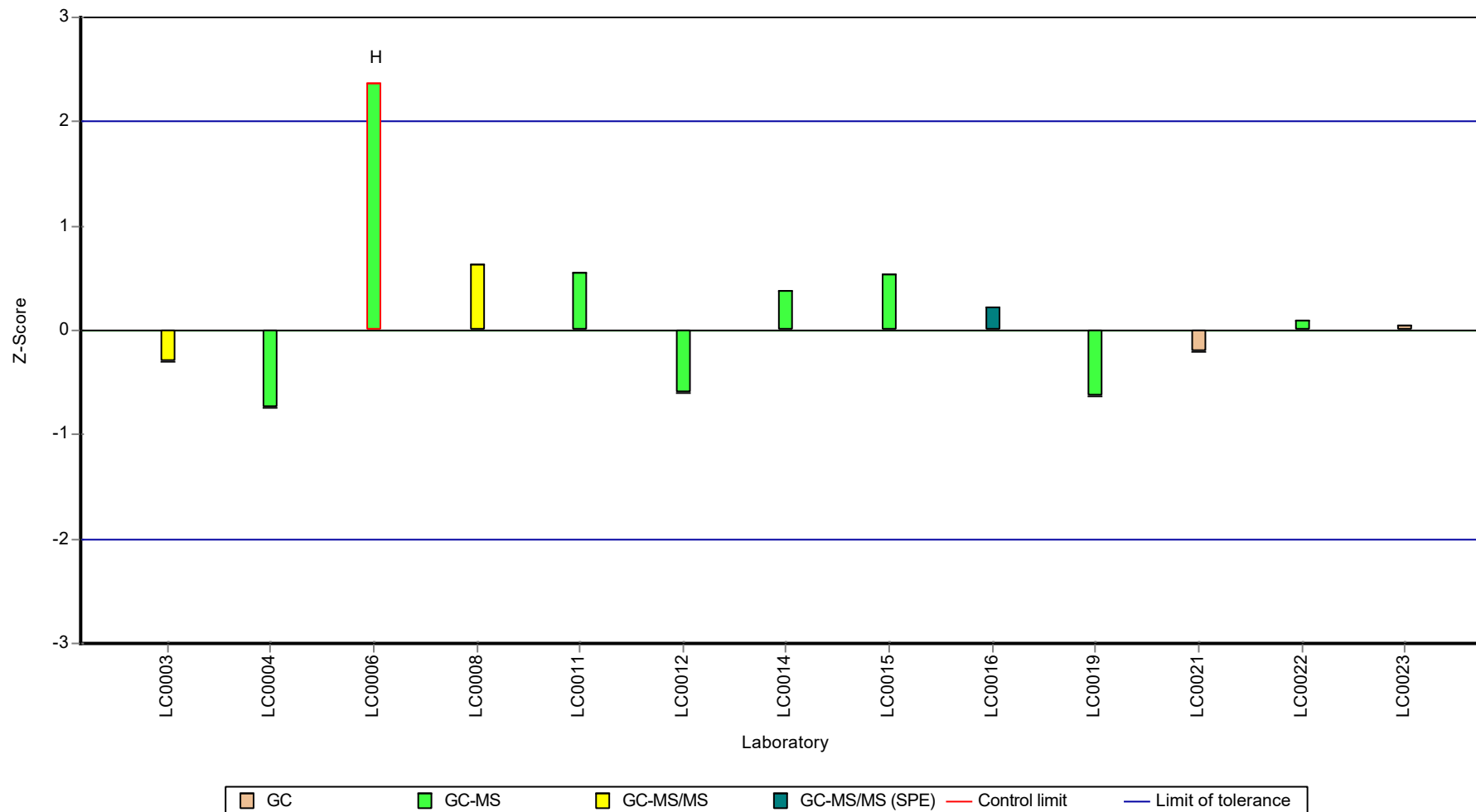
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Dieldrin

Unit	µg/l
Assigned value ± U (k=2)	0.763 ± 0.0561
Criterion	0.176 (23 %)
Minimum - Maximum	0.619 - 0.9
Control test value ± U (k=2)	0.768 ± 0.338

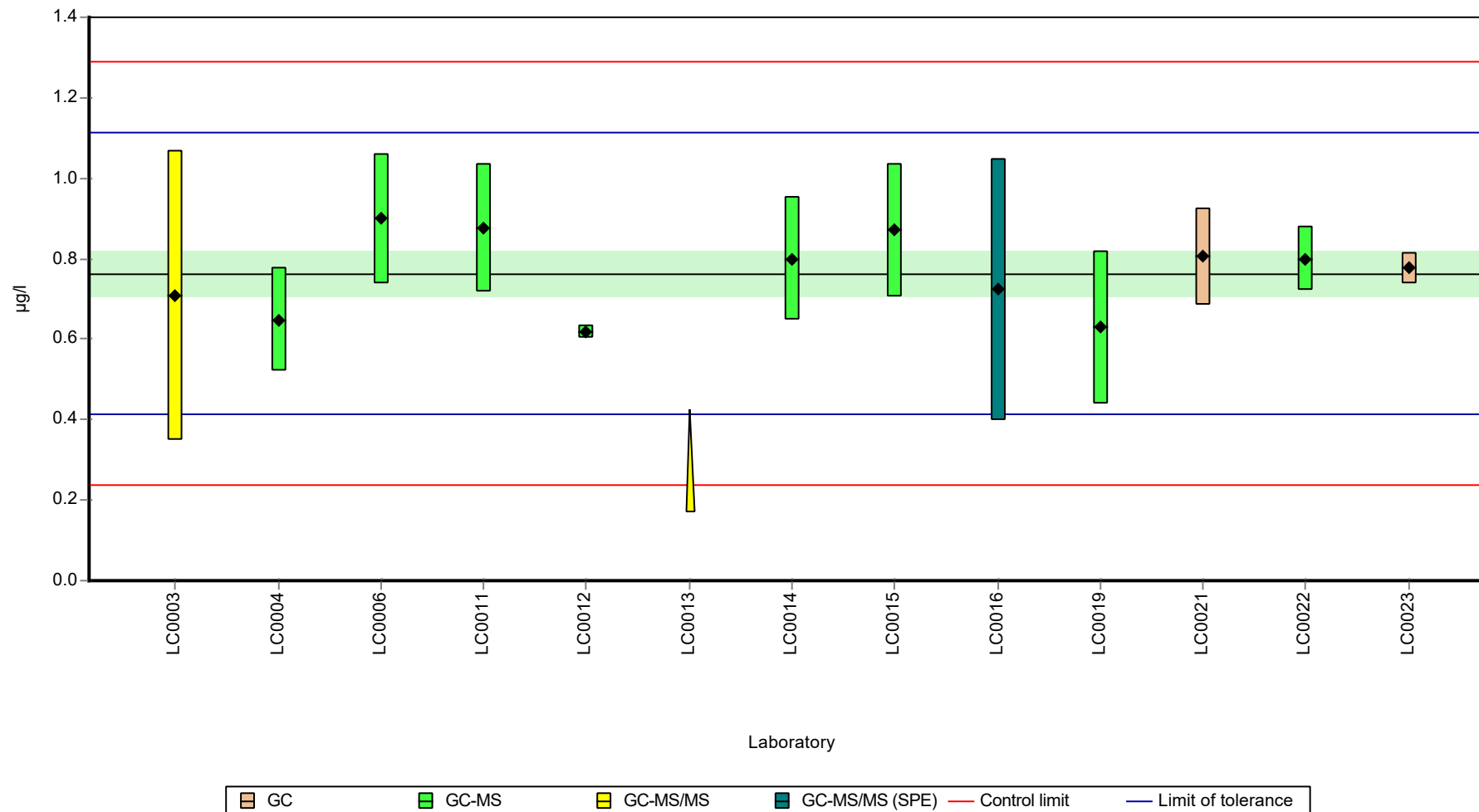
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.71	0.36	93	-0.3	
LC0004	0.648	0.13	84.9	-0.66	
LC0005	-	-	-	-	
LC0006	0.9	0.162	118	0.78	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.876	0.16	115	0.64	
LC0012	0.619	0.017	81.1	-0.82	
LC0013	>0.17	0.05	-	-	
LC0014	0.8	0.154	105	0.21	
LC0015	0.871	0.165	114	0.61	
LC0016	0.724	0.326	94.9	-0.22	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.63	0.19	82.5	-0.76	
LC0020	-	-	-	-	
LC0021	0.806	0.121	106	0.24	
LC0022	0.799	0.08	105	0.2	
LC0023	0.776	0.039	102	0.07	

Characteristics of parameter

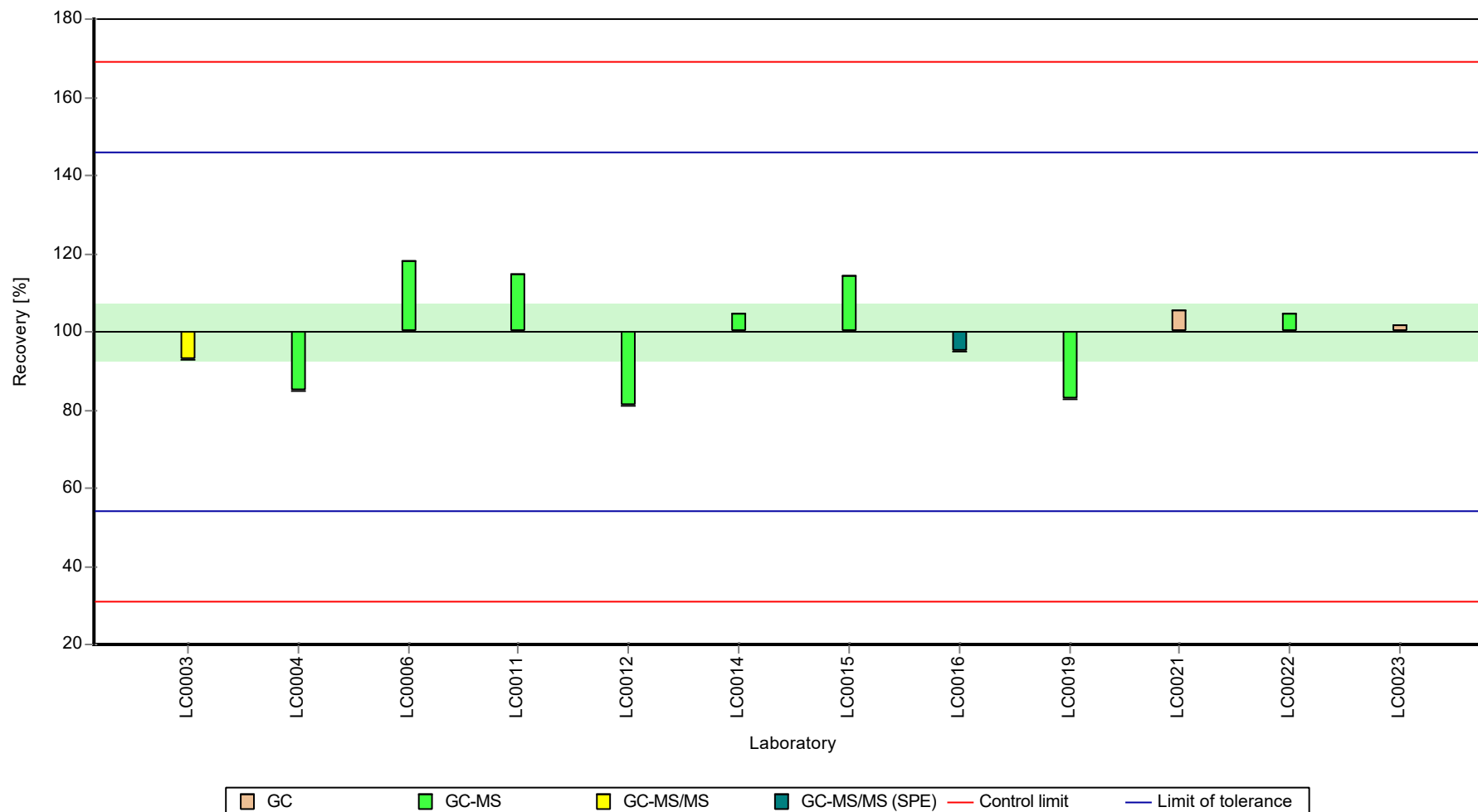
	all results	without outliers	Unit
Mean ± CI (99%)	0.763 ± 0.0842	0.763 ± 0.0842	µg/l
Minimum	0.619	0.619	µg/l
Maximum	0.9	0.9	µg/l
Standard deviation	0.0972	0.0972	µg/l
rel. standard deviation	12.7	12.7	%
n	12	12	-

Graphical presentation of results

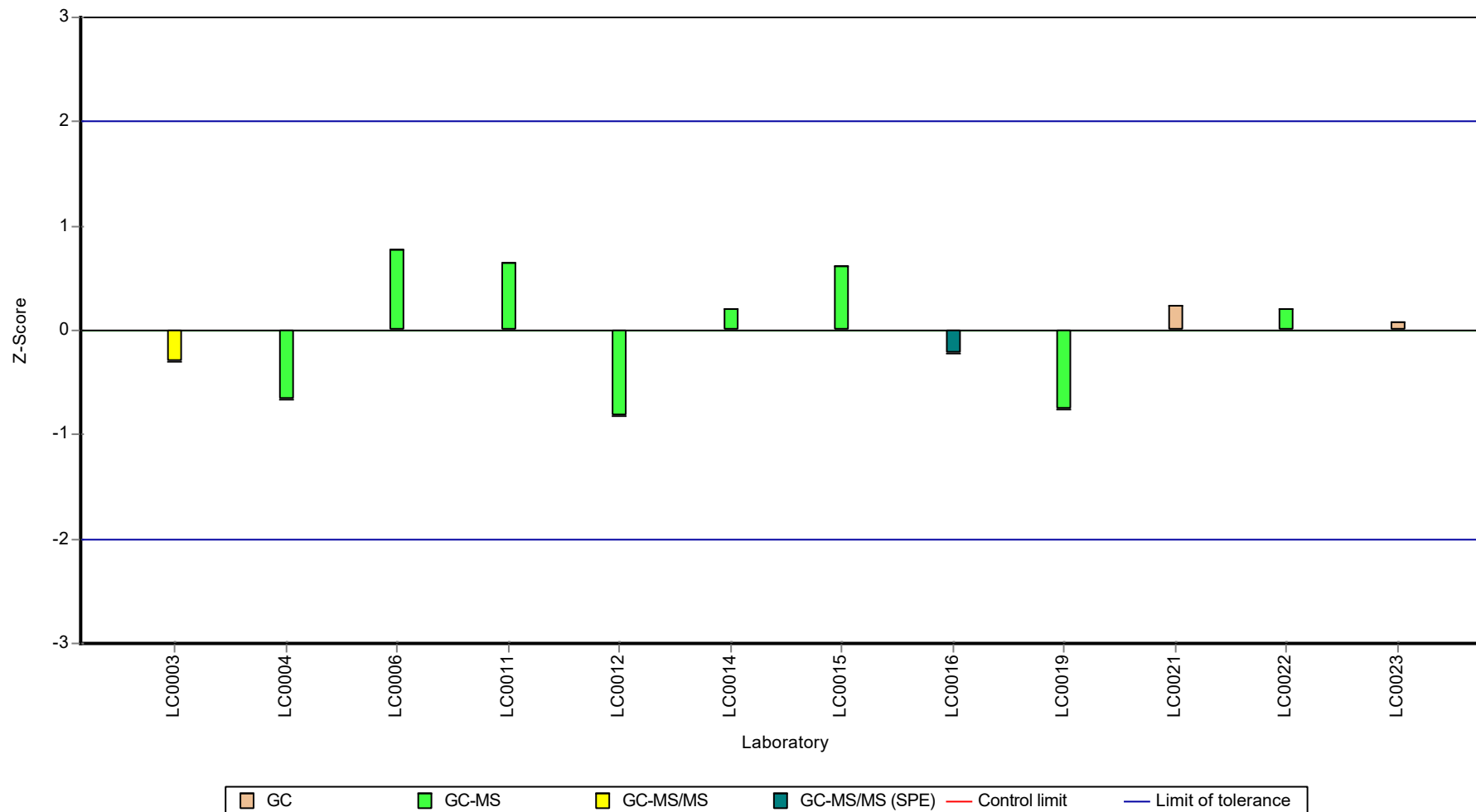
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Dinotefurane

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.36 - 0.485
Control test value ± U (k=2)	0.440 ± 0.066

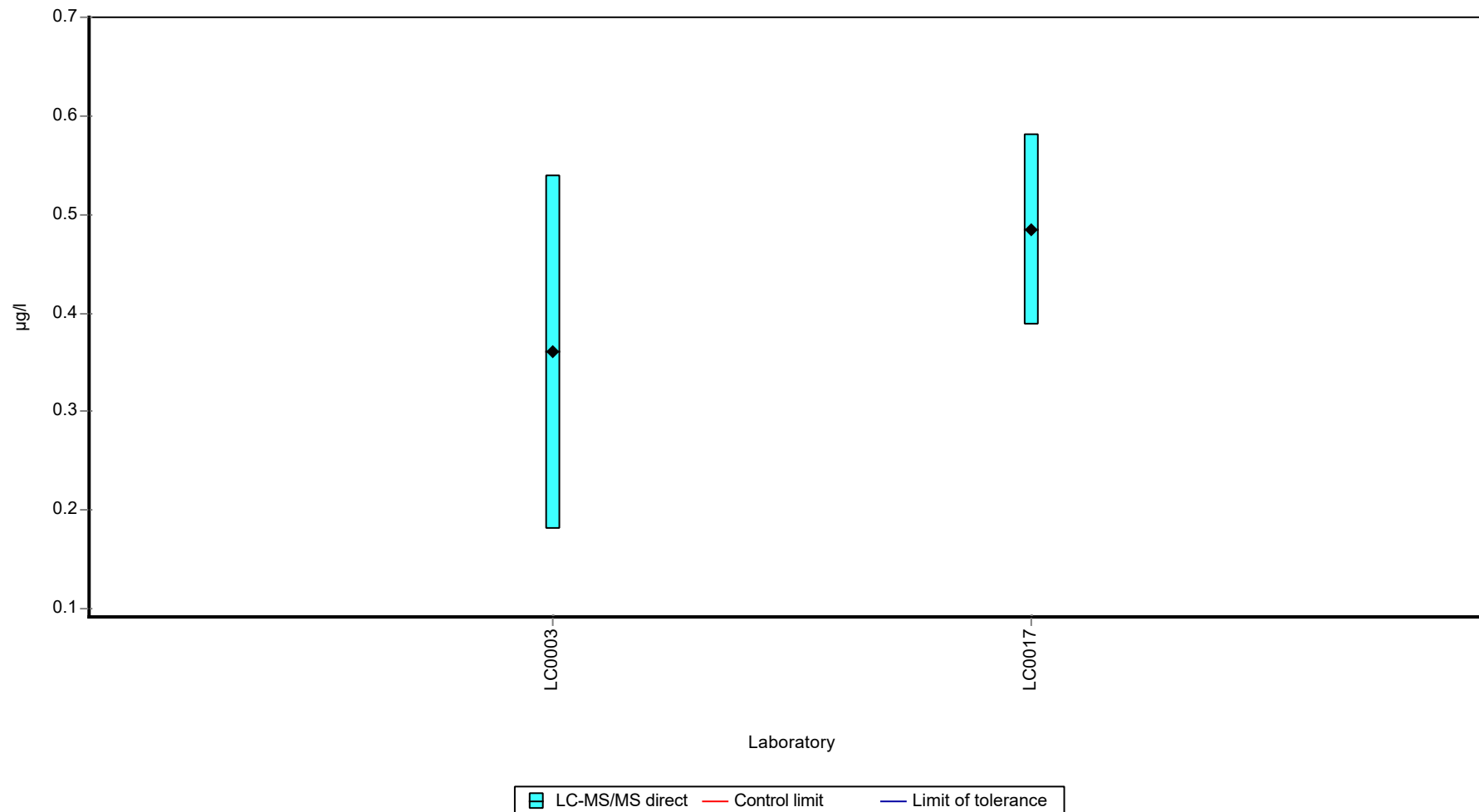
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.36	0.18	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.485	0.097	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.422 ± 0.187	-	µg/l
Minimum	0.36	0.36	µg/l
Maximum	0.485	0.485	µg/l
Standard deviation	0.0884	-	µg/l
rel. standard deviation	20.9	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H111 B

Dinotefurane

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.86 - 1.11
Control test value ± U (k=2)	0.936 ± 0.14

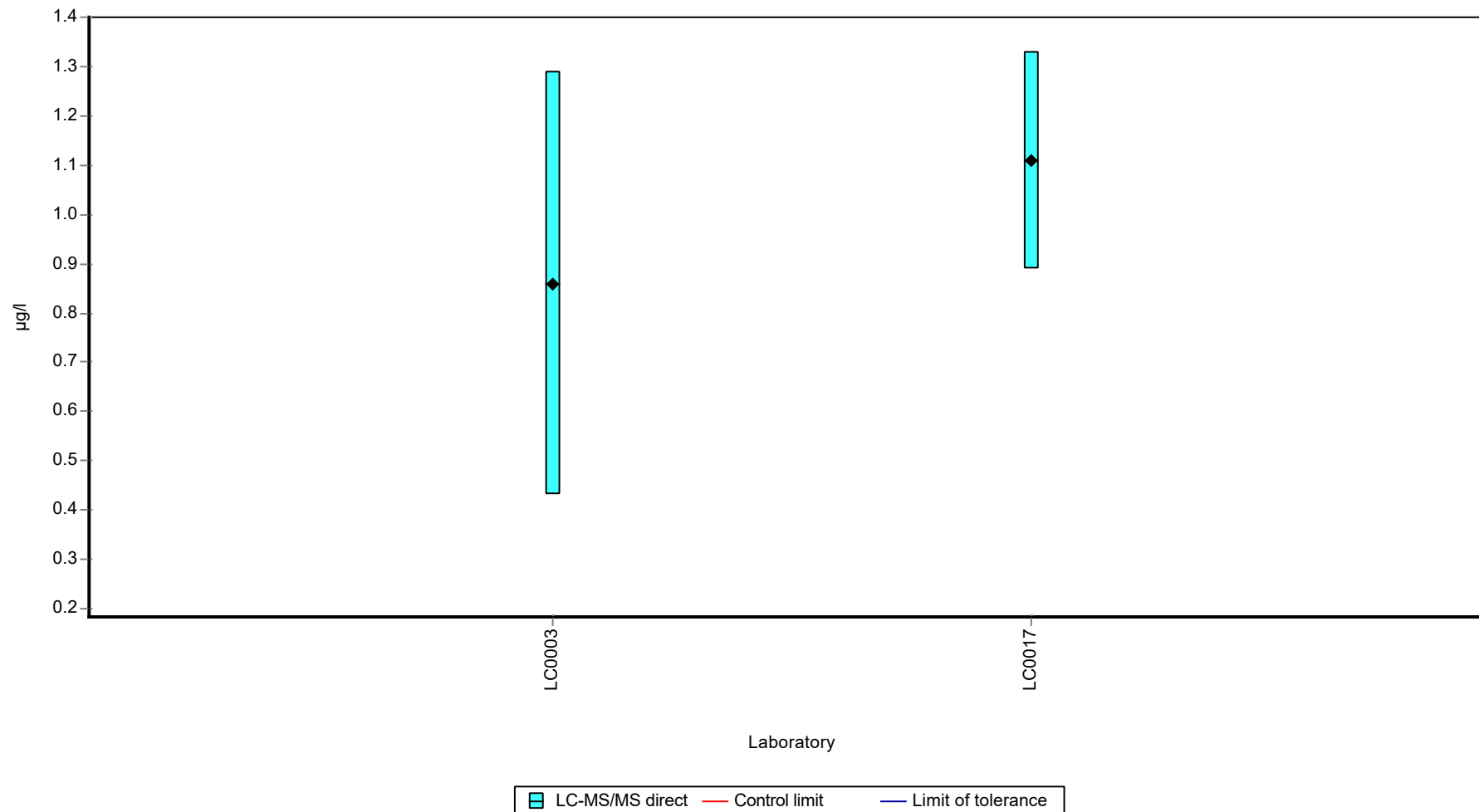
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.86	0.43	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	1.11	0.221	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.985 ± 0.375	-	µg/l
Minimum	0.86	0.86	µg/l
Maximum	1.11	1.11	µg/l
Standard deviation	0.177	-	µg/l
rel. standard deviation	17.9	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H111 A

Endrin

Unit	µg/l
Assigned value ± U (k=2)	0.416 ± 0.0332
Criterion	0.0749 (18 %)
Minimum - Maximum	0.38 - 0.49
Control test value ± U (k=2)	0.437 ± 0.131

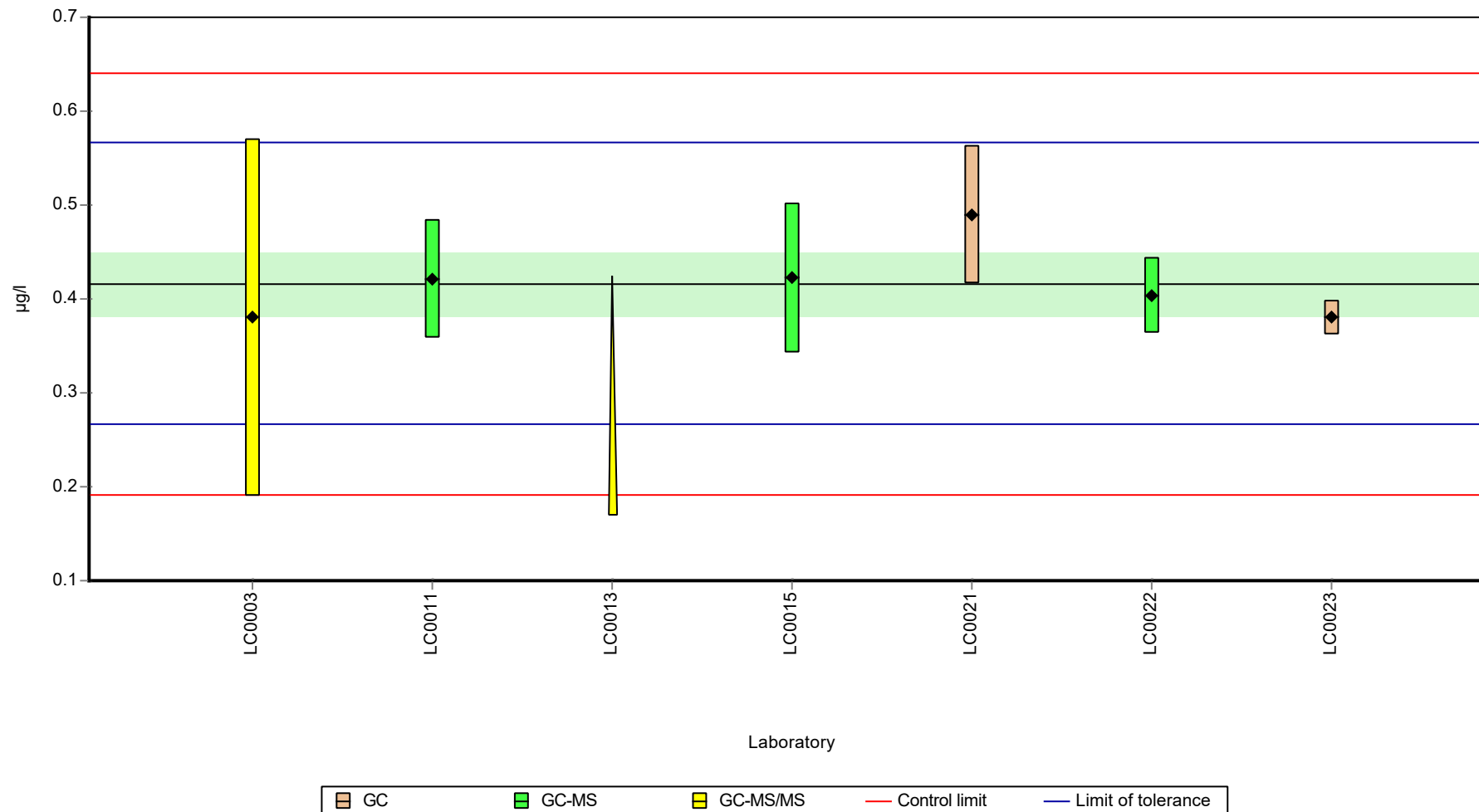
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.38	0.19	91.3	-0.48	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.421	0.063	101	0.06	
LC0012	-	-	-	-	
LC0013	>0.17	0.05	-	-	
LC0014	-	-	-	-	
LC0015	0.422	0.08	101	0.08	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.49	0.074	118	0.99	
LC0022	0.404	0.04	97.1	-0.16	
LC0023	0.38	0.019	91.3	-0.48	

Characteristics of parameter

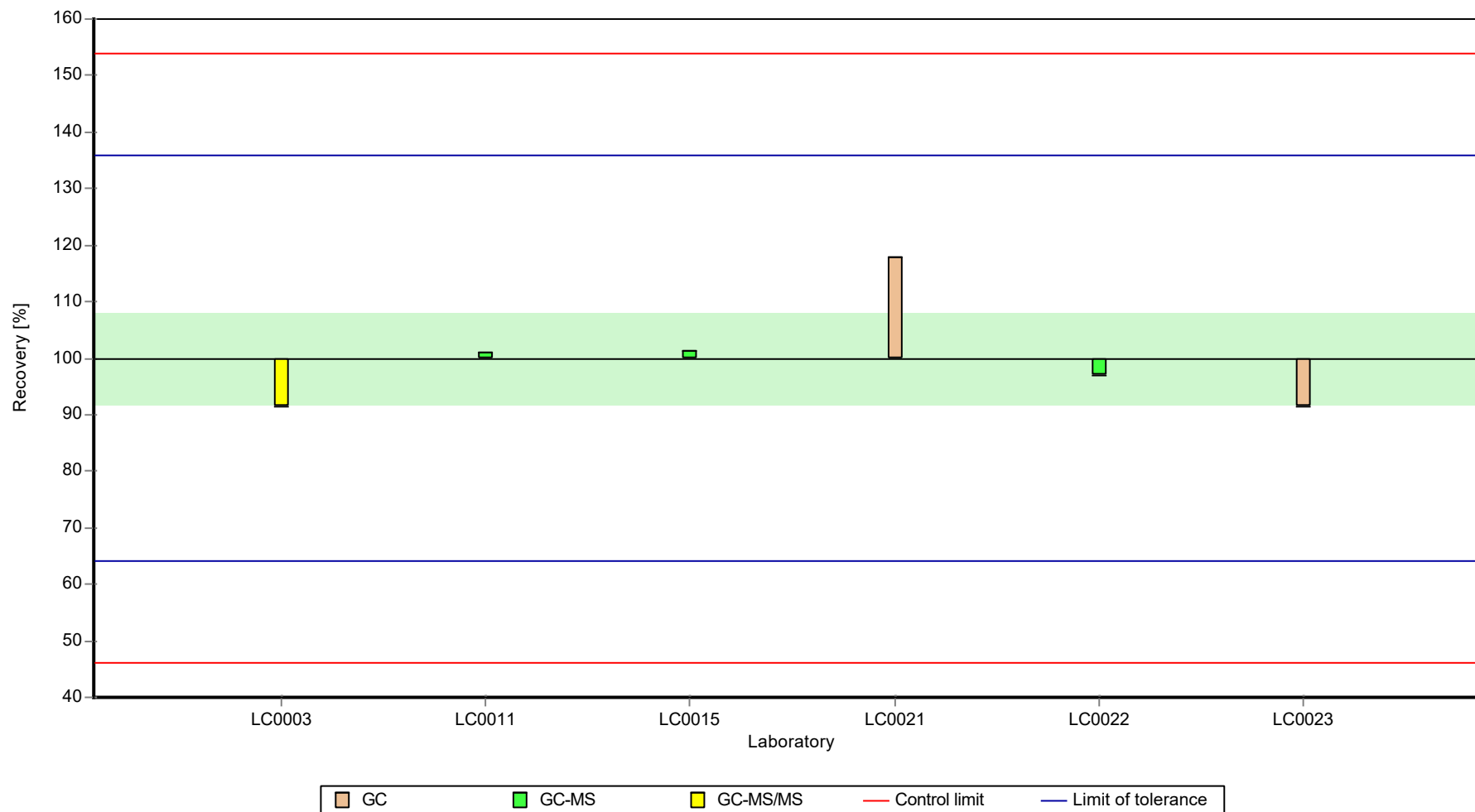
	all results	without outliers	Unit
Mean ± CI (99%)	0.416 ± 0.0498	0.416 ± 0.0498	µg/l
Minimum	0.38	0.38	µg/l
Maximum	0.49	0.49	µg/l
Standard deviation	0.0407	0.0407	µg/l
rel. standard deviation	9.77	9.77	%
n	6	6	-

Graphical presentation of results

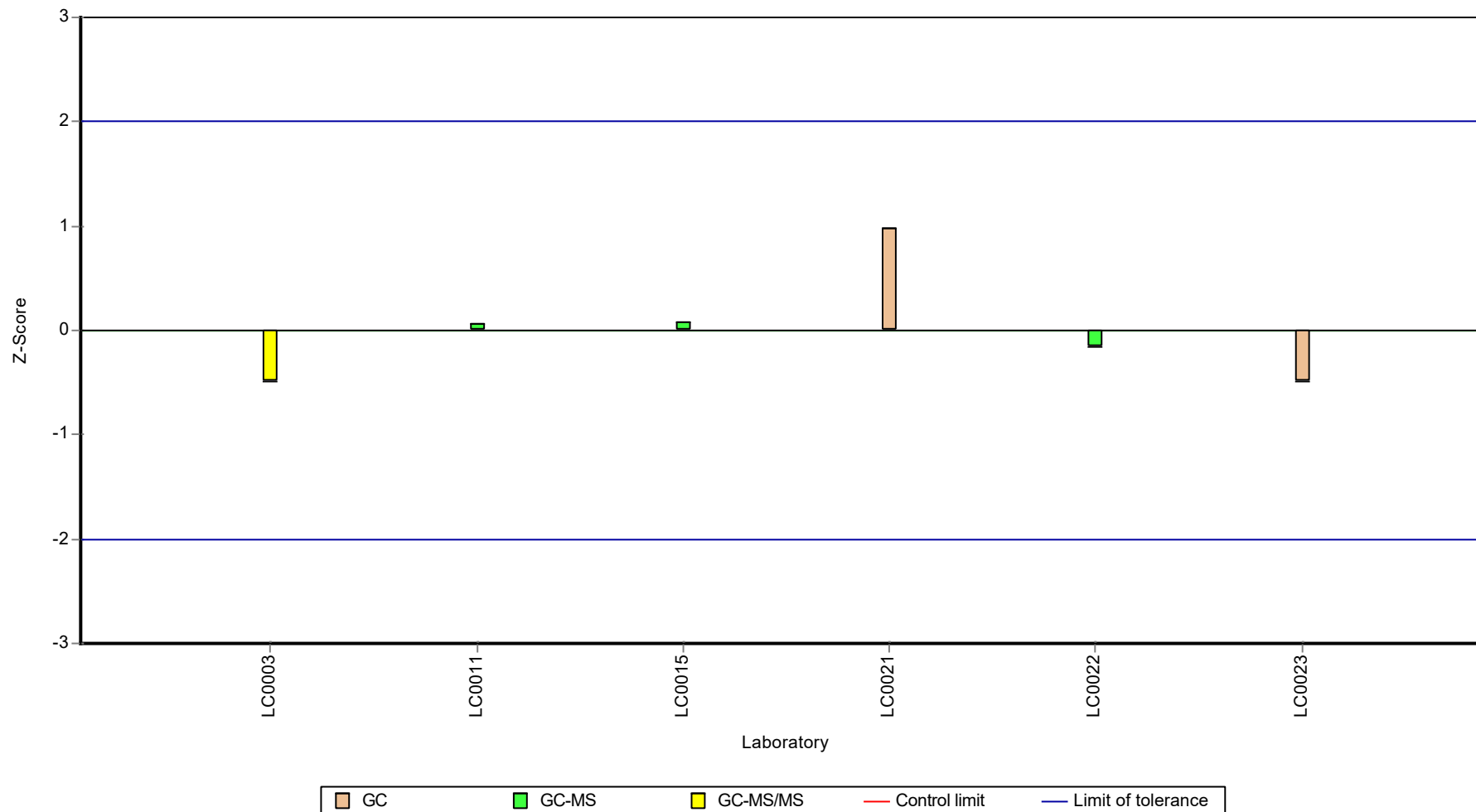
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Endrin

Unit	µg/l
Assigned value ± U (k=2)	0.903 ± 0.166
Criterion	0.162 (18 %)
Minimum - Maximum	0.737 - 1.29
Control test value ± U (k=2)	0.899 ± 0.27

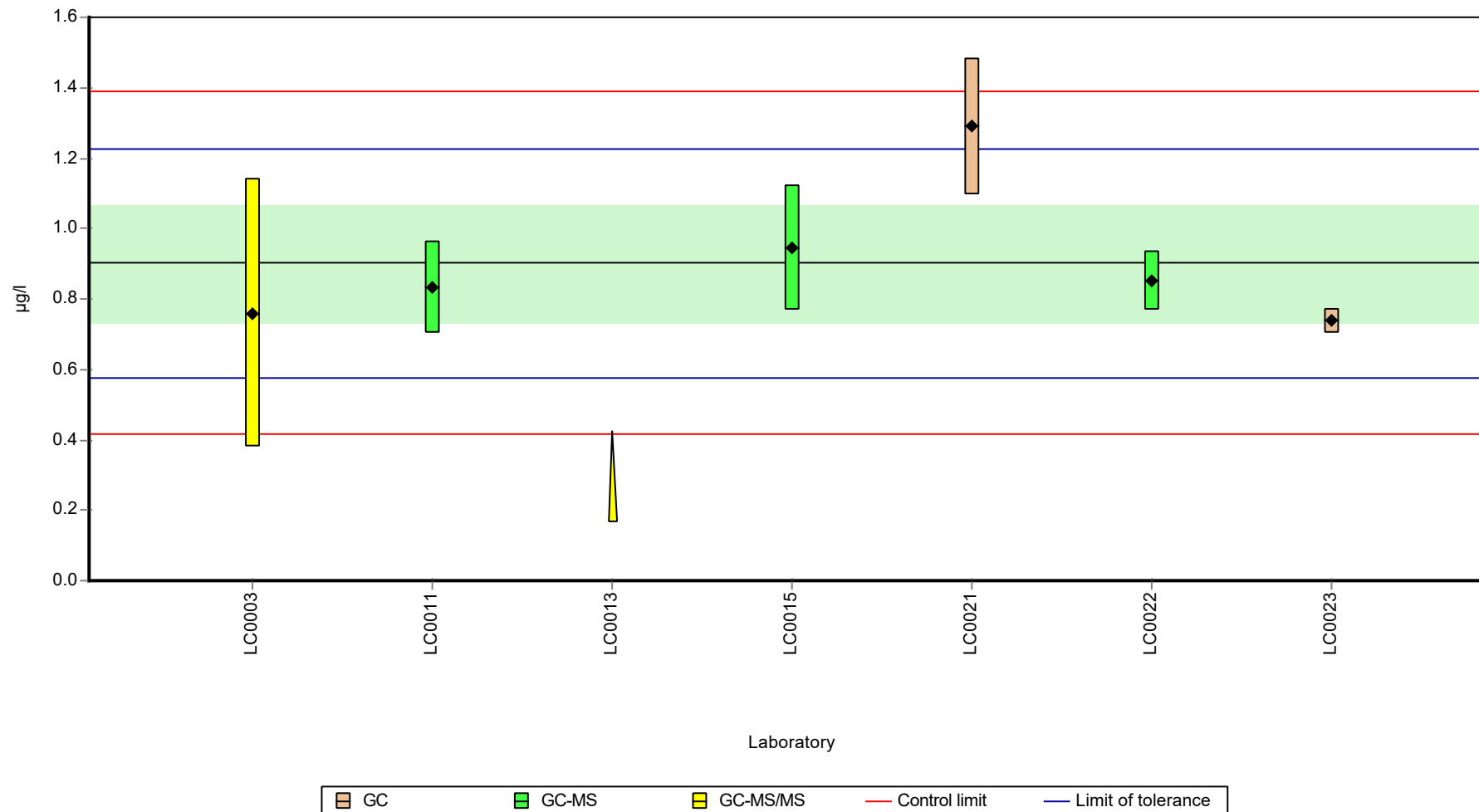
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.76	0.38	84.2	-0.88	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.832	0.13	92.2	-0.43	
LC0012	-	-	-	-	
LC0013	>0.17	0.05	-	-	
LC0014	-	-	-	-	
LC0015	0.945	0.18	105	0.26	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.29	0.194	143	2.38	
LC0022	0.852	0.085	94.4	-0.31	
LC0023	0.737	0.037	81.6	-1.02	

Characteristics of parameter

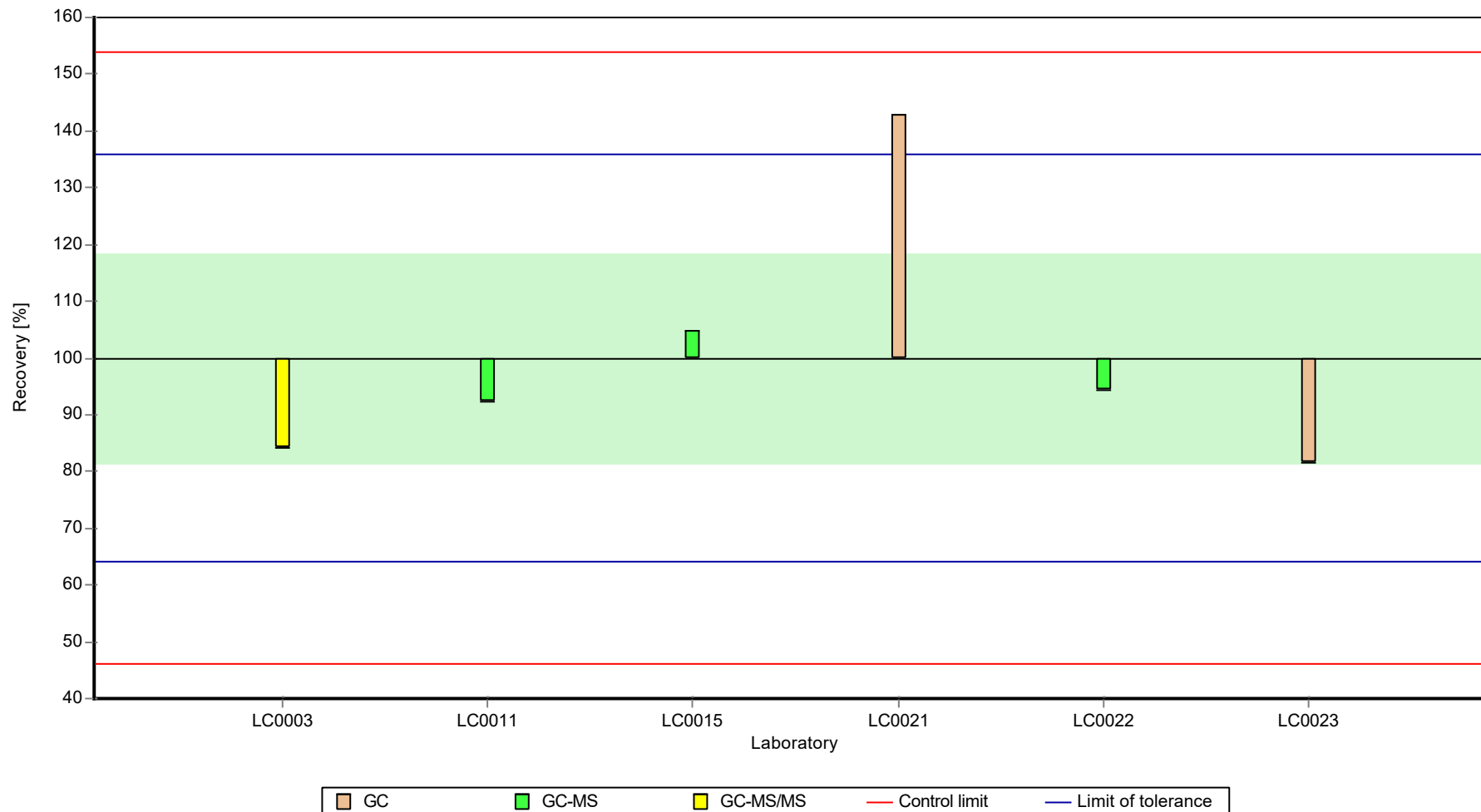
	all results	without outliers	Unit
Mean ± CI (99%)	0.903 ± 0.249	0.903 ± 0.249	µg/l
Minimum	0.737	0.737	µg/l
Maximum	1.29	1.29	µg/l
Standard deviation	0.204	0.204	µg/l
rel. standard deviation	22.6	22.6	%
n	6	6	-

Graphical presentation of results

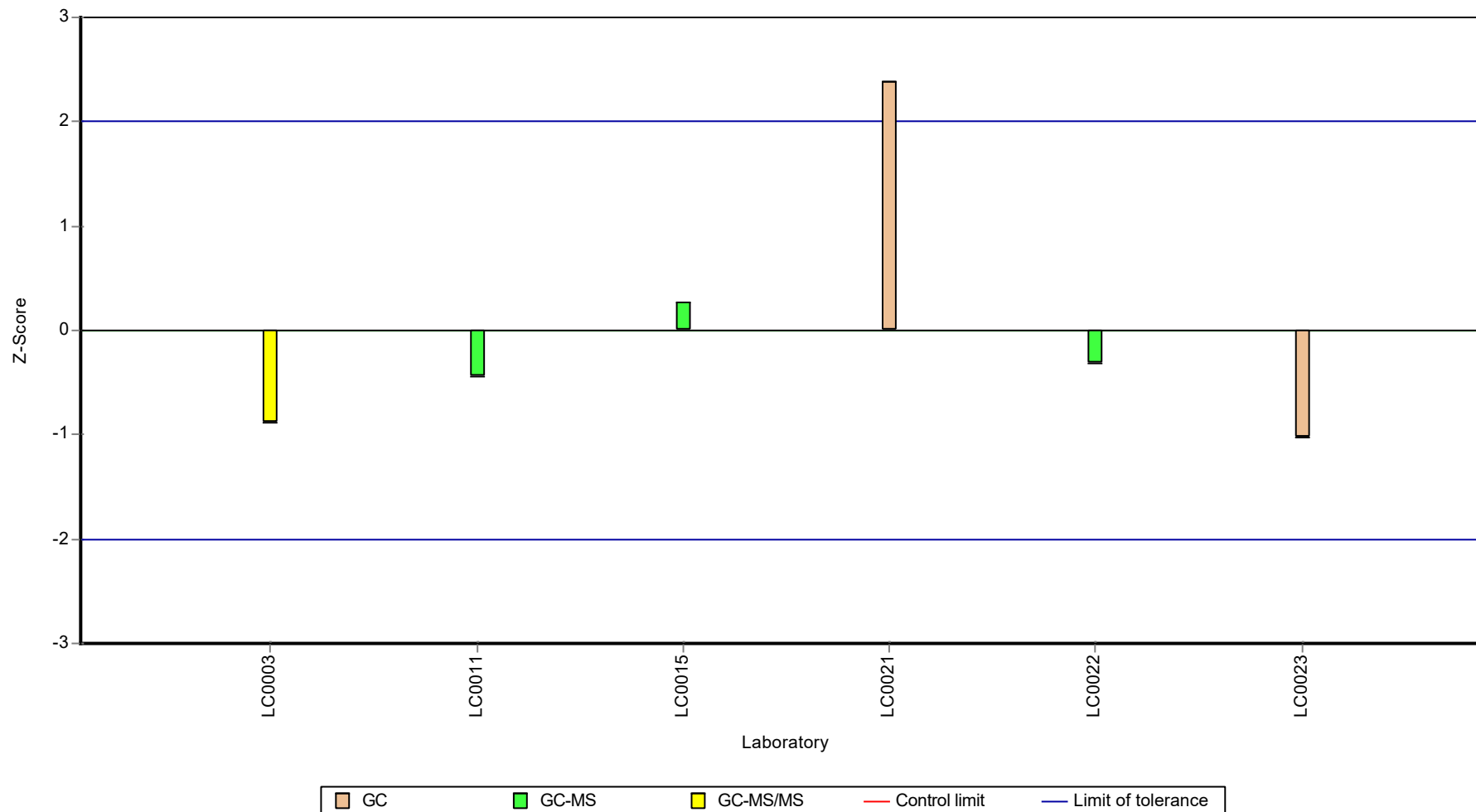
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Heptachlor

Unit	µg/l
Assigned value ± U (k=2)	0.277 ± 0.00881
Criterion	0.128 (46 %)
Minimum - Maximum	0.263 - 0.298
Control test value ± U (k=2)	0.320 ± 0.135

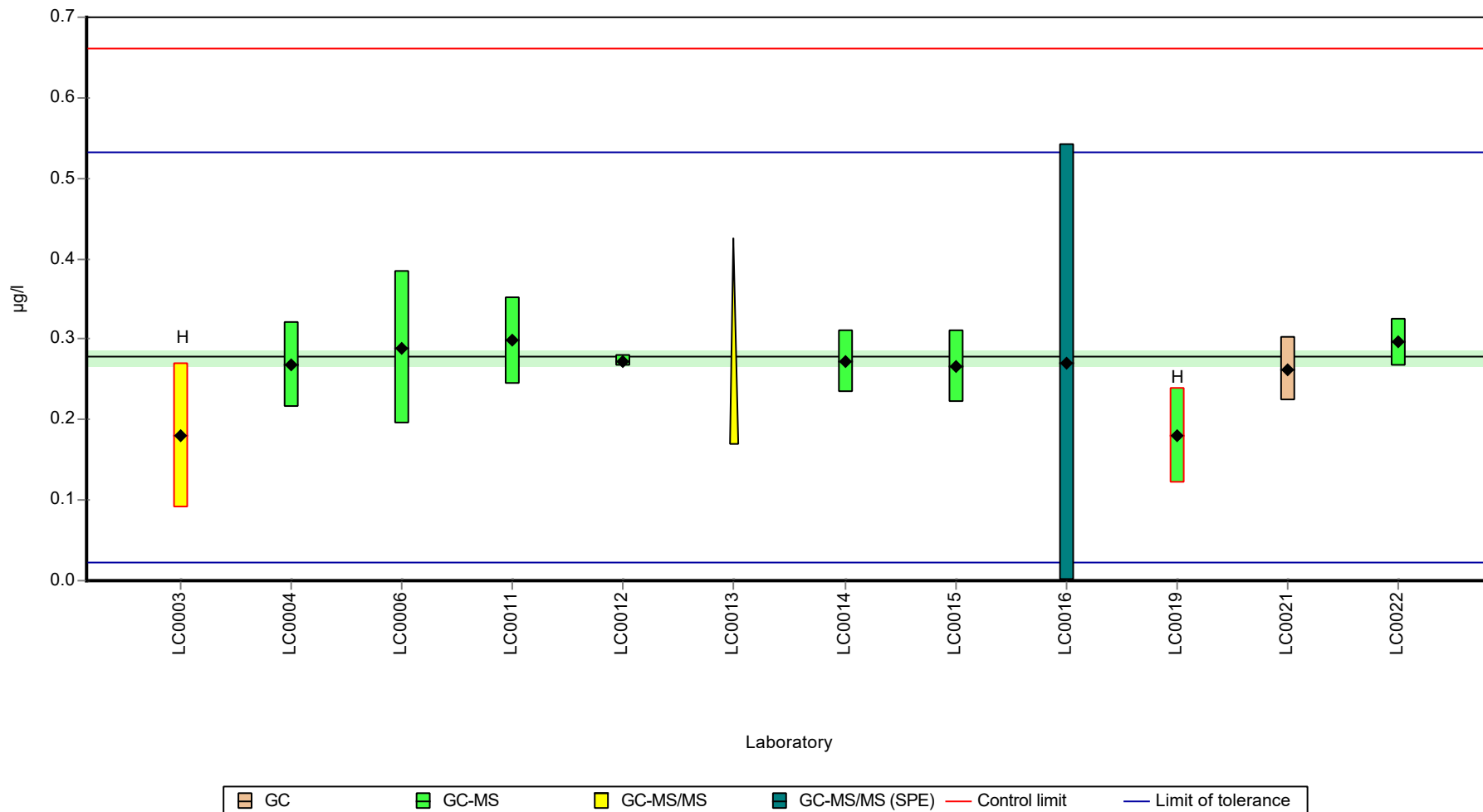
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.18	0.09	64.9	-0.76	H
LC0004	0.268	0.054	96.6	-0.07	
LC0005	-	-	-	-	
LC0006	0.289	0.095	104	0.09	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.298	0.055	107	0.16	
LC0012	0.273	0.007	98.4	-0.03	
LC0013	>0.17	0.05	-	-	
LC0014	0.272	0.039	98	-0.04	
LC0015	0.267	0.045	96.2	-0.08	
LC0016	0.271	0.271	97.7	-0.05	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.18	0.06	64.9	-0.76	H
LC0020	-	-	-	-	
LC0021	0.263	0.039	94.8	-0.11	
LC0022	0.296	0.03	107	0.14	
LC0023	-	-	-	-	

Characteristics of parameter

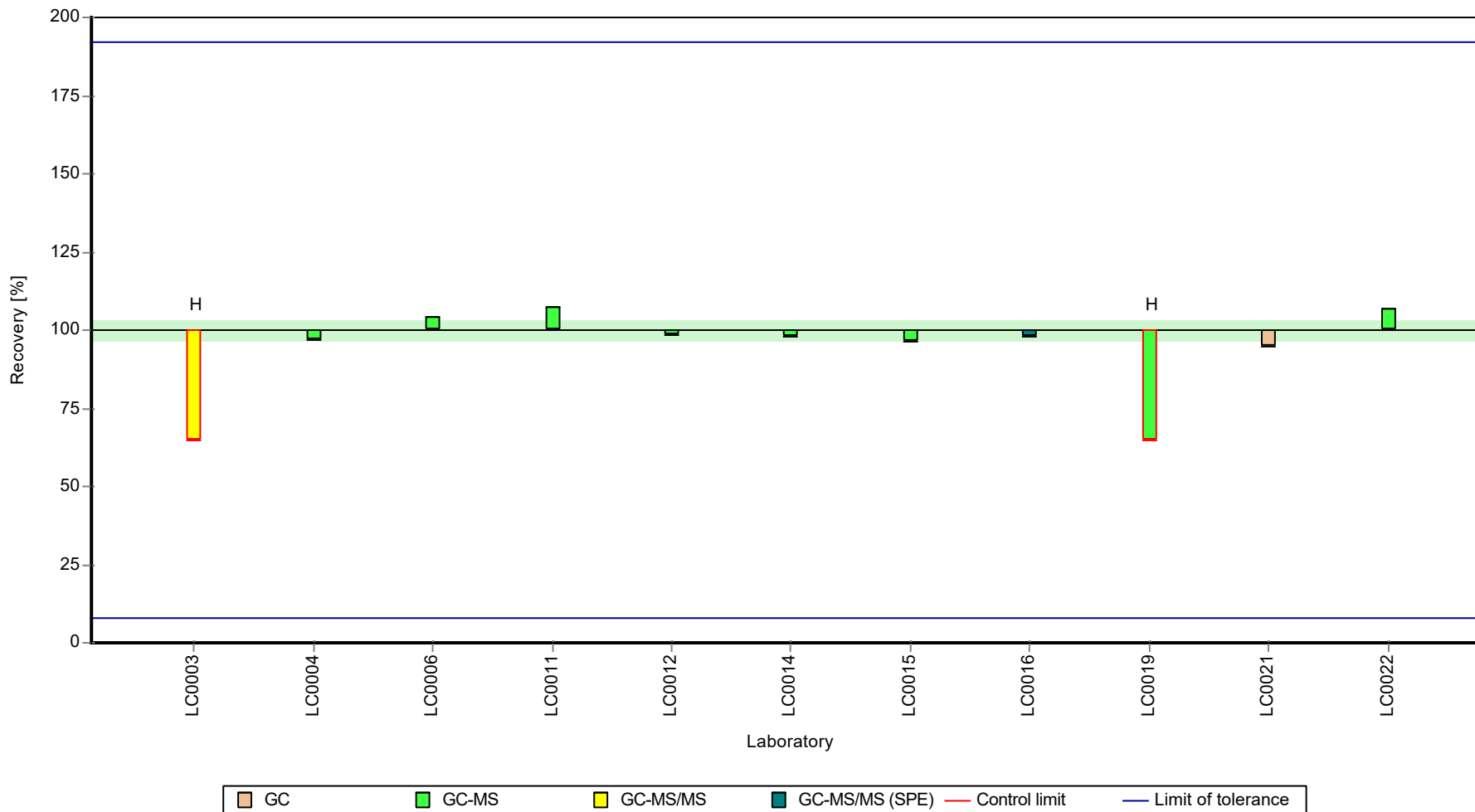
	all results	without outliers	Unit
Mean ± CI (99%)	0.26 ± 0.0372	0.277 ± 0.0132	µg/l
Minimum	0.18	0.263	µg/l
Maximum	0.298	0.298	µg/l
Standard deviation	0.0412	0.0132	µg/l
rel. standard deviation	15.8	4.76	%
n	11	9	-

Graphical presentation of results

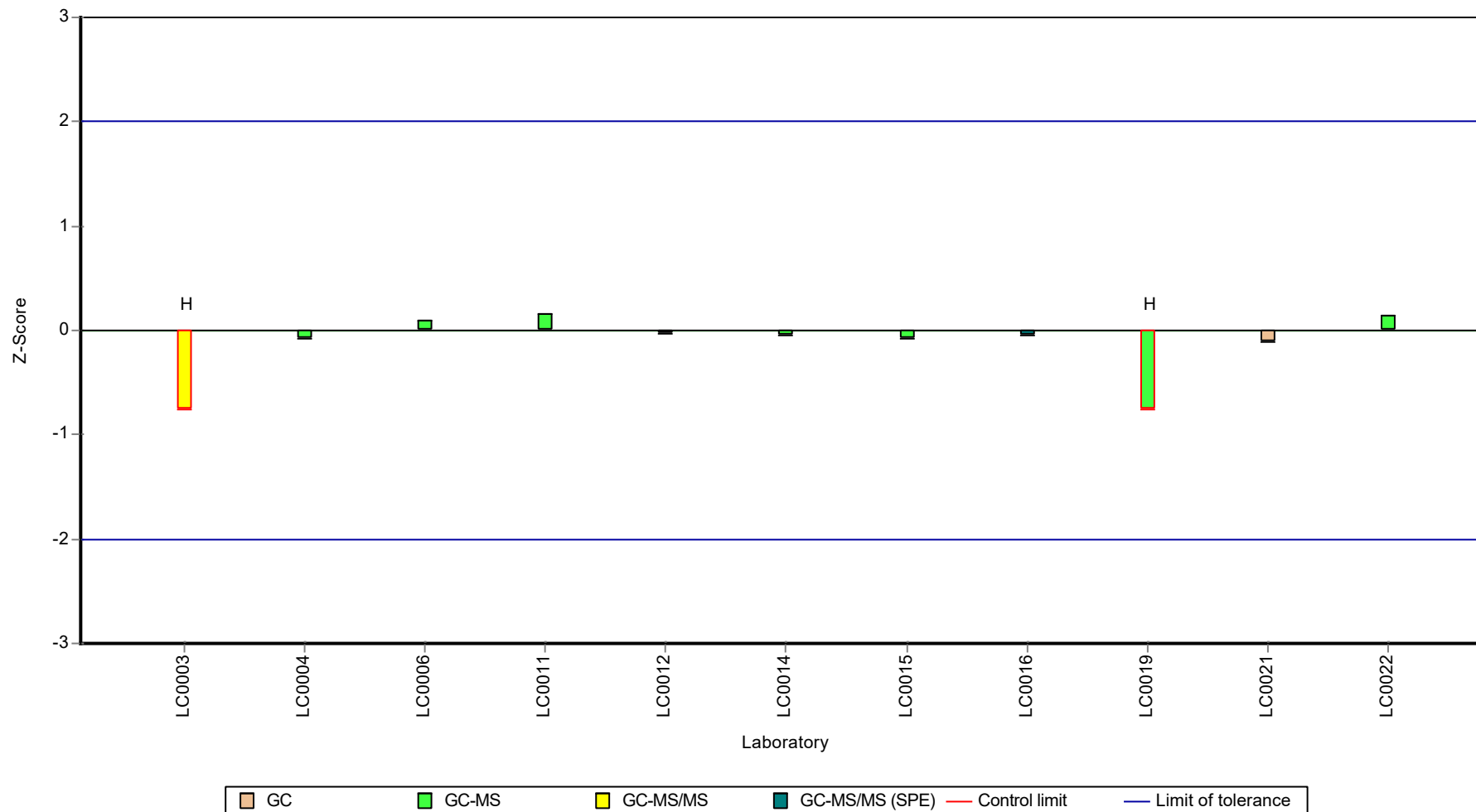
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Heptachlor

Unit	µg/l
Assigned value ± U (k=2)	0.596 ± 0.039
Criterion	0.274 (46 %)
Minimum - Maximum	0.487 - 0.646
Control test value ± U (k=2)	0.693 ± 0.291

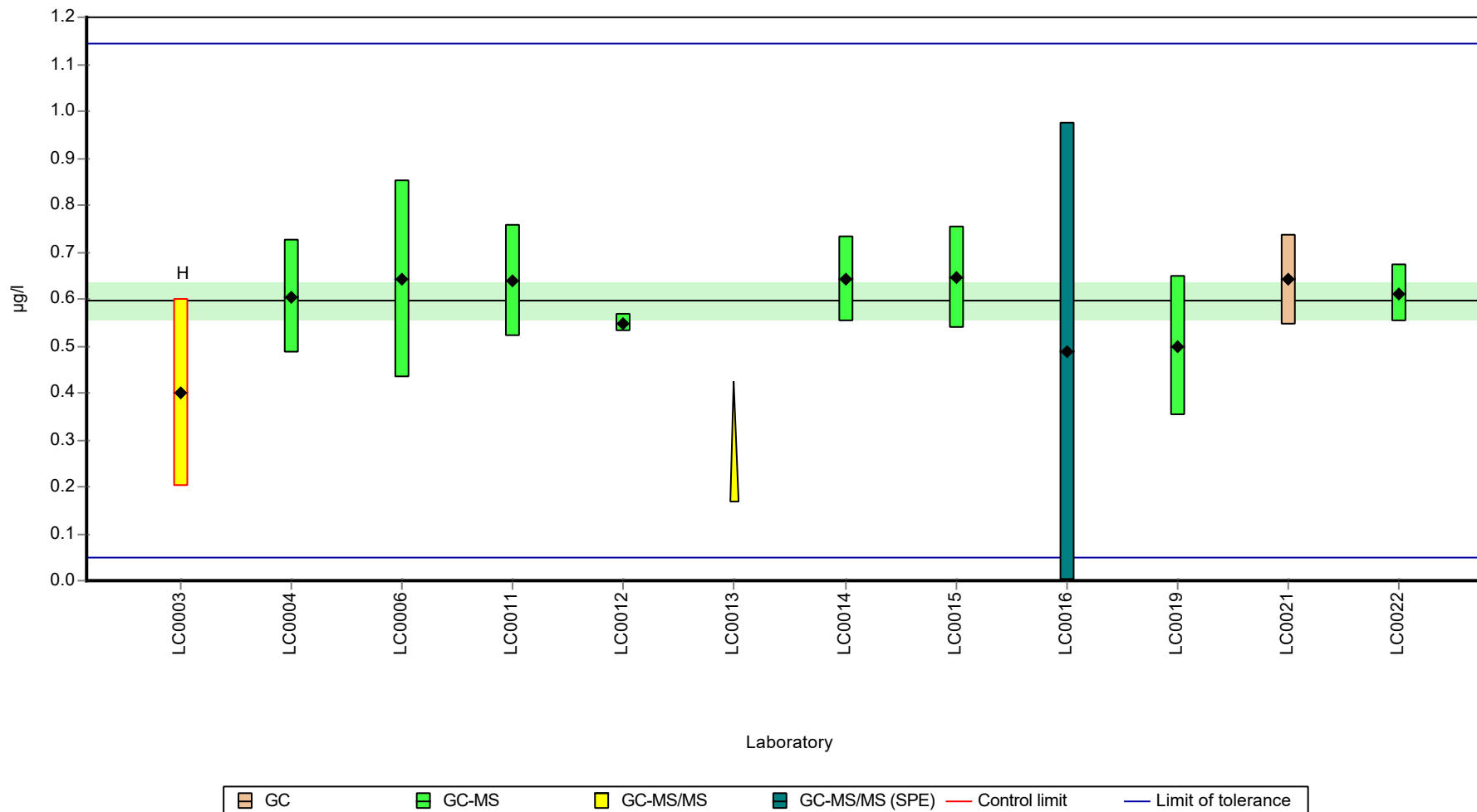
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4	0.2	67.1	-0.71	H
LC0004	0.605	0.121	101	0.03	
LC0005	-	-	-	-	
LC0006	0.641	0.211	108	0.16	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.639	0.12	107	0.16	
LC0012	0.549	0.018	92.1	-0.17	
LC0013	>0.17	0.05	-	-	
LC0014	0.642	0.092	108	0.17	
LC0015	0.646	0.11	108	0.18	
LC0016	0.487	0.487	81.7	-0.4	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.5	0.15	83.9	-0.35	
LC0020	-	-	-	-	
LC0021	0.641	0.096	108	0.16	
LC0022	0.612	0.061	103	0.06	
LC0023	-	-	-	-	

Characteristics of parameter

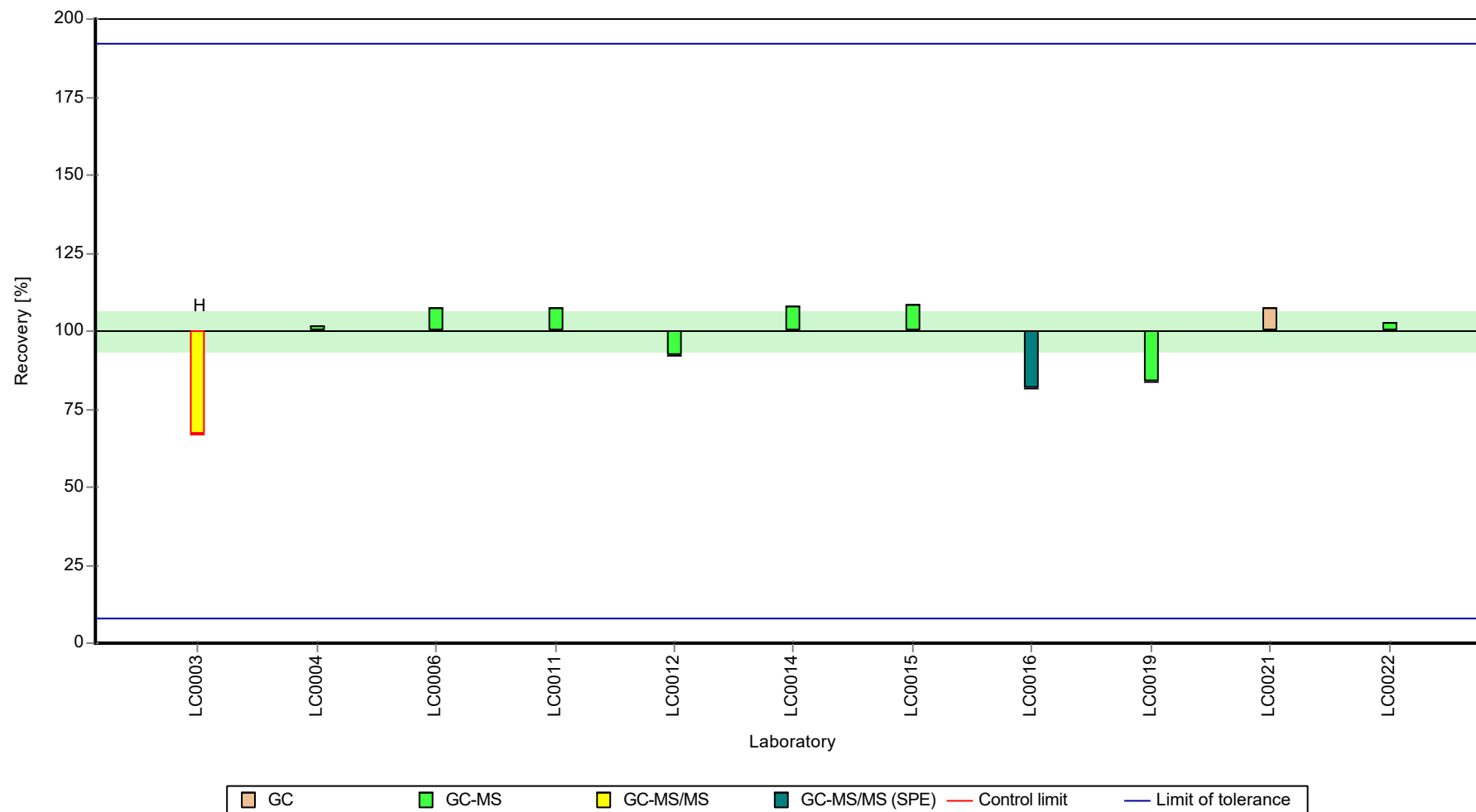
	all results	without outliers	Unit
Mean ± CI (99%)	0.578 ± 0.0752	0.596 ± 0.0584	µg/l
Minimum	0.4	0.487	µg/l
Maximum	0.646	0.646	µg/l
Standard deviation	0.0832	0.0616	µg/l
rel. standard deviation	14.4	10.3	%
n	11	10	-

Graphical presentation of results

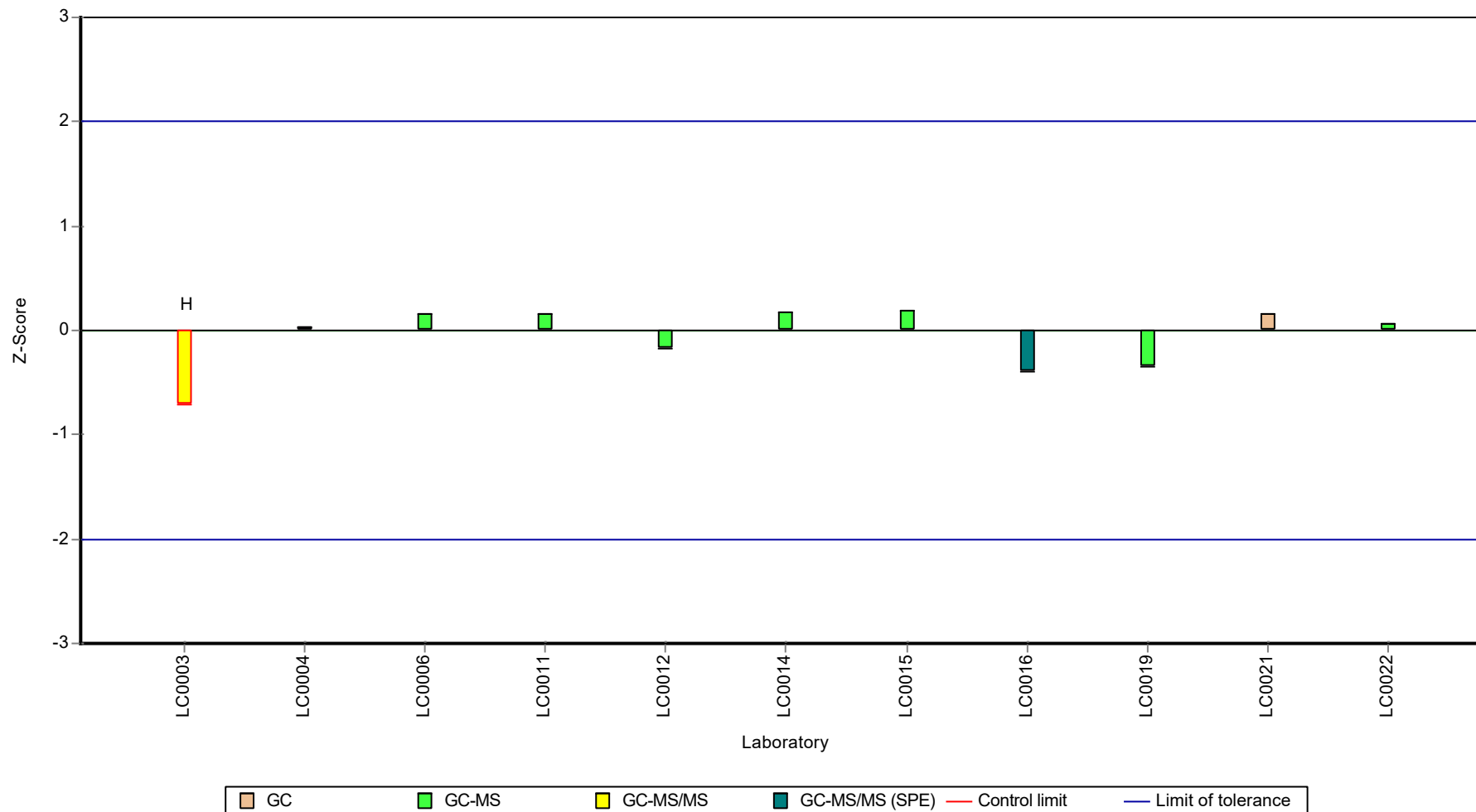
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Imidacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.165 ± 0.0133
Criterion	0.0247 (15 %)
Minimum - Maximum	0.106 - 0.209
Control test value ± U (k=2)	0.176 ± 0.044

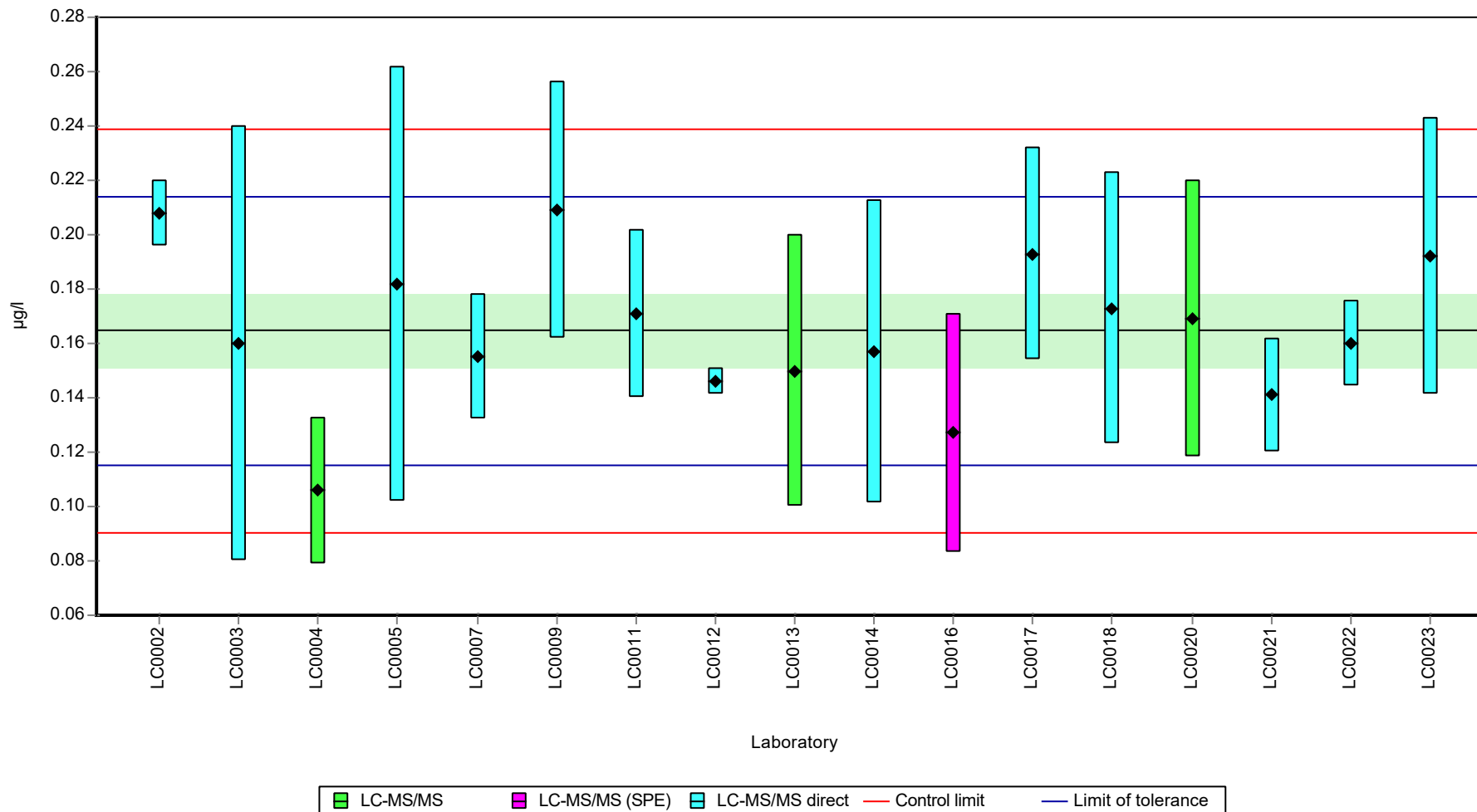
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.208	0.012	126	1.76	
LC0003	0.16	0.08	97.2	-0.19	
LC0004	0.106	0.027	64.4	-2.37	
LC0005	0.182	0.08	111	0.7	
LC0006	-	-	-	-	
LC0007	0.155	0.023	94.1	-0.39	
LC0008	-	-	-	-	
LC0009	0.209	0.04725	127	1.8	
LC0010	-	-	-	-	
LC0011	0.171	0.031	104	0.26	
LC0012	0.146	0.005	88.7	-0.76	
LC0013	0.15	0.05	91.1	-0.59	
LC0014	0.157	0.056	95.4	-0.31	
LC0015	-	-	-	-	
LC0016	0.127	0.044	77.1	-1.52	
LC0017	0.193	0.039	117	1.15	
LC0018	0.173	0.05	105	0.34	
LC0019	-	-	-	-	
LC0020	0.169	0.0507	103	0.18	
LC0021	0.141	0.021	85.6	-0.96	
LC0022	0.16	0.016	97.2	-0.19	
LC0023	0.192	0.051	117	1.11	

Characteristics of parameter

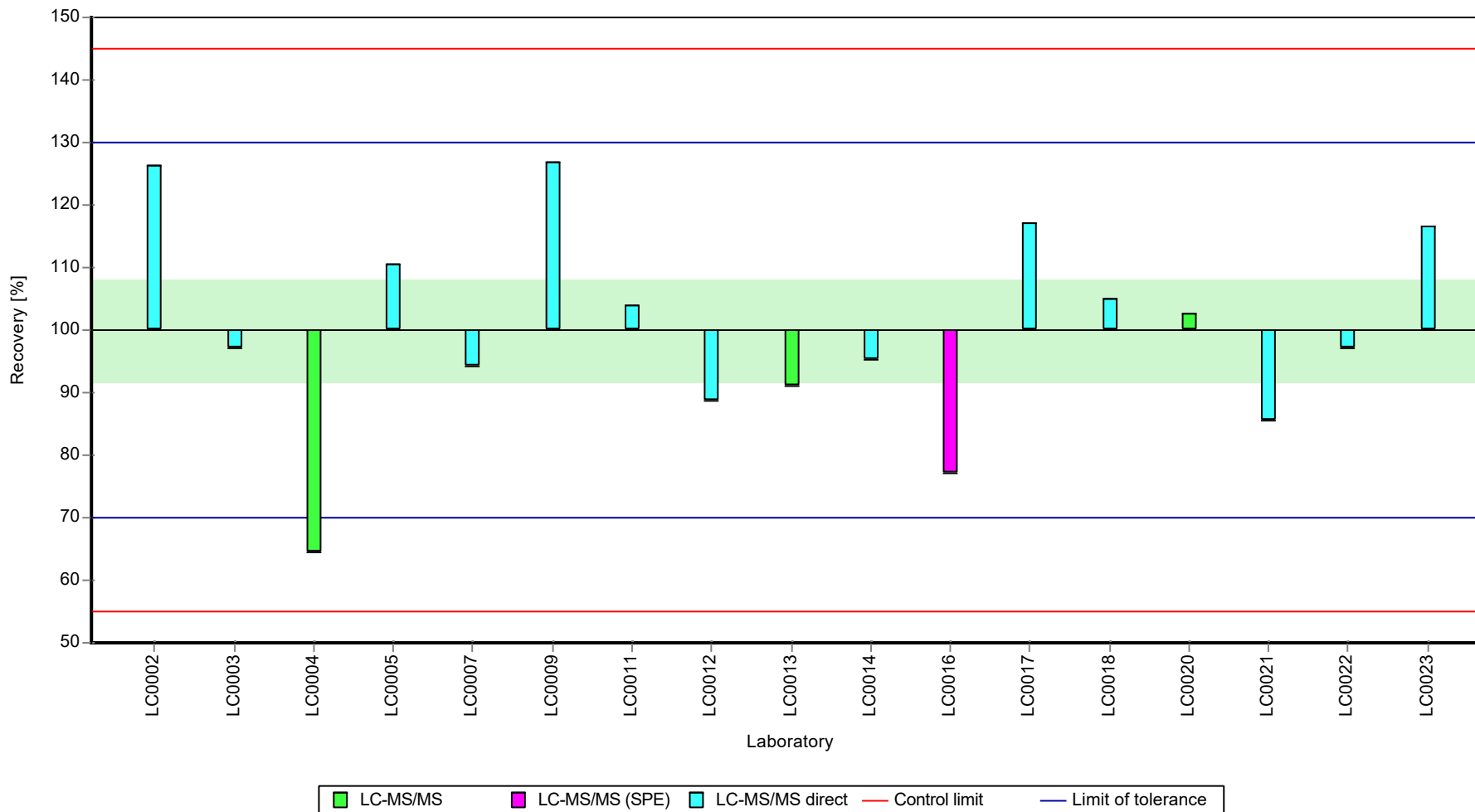
	all results	without outliers	Unit
Mean ± CI (99%)	0.165 ± 0.0199	0.165 ± 0.0199	µg/l
Minimum	0.106	0.106	µg/l
Maximum	0.209	0.209	µg/l
Standard deviation	0.0274	0.0274	µg/l
rel. standard deviation	16.6	16.6	%
n	17	17	-

Graphical presentation of results

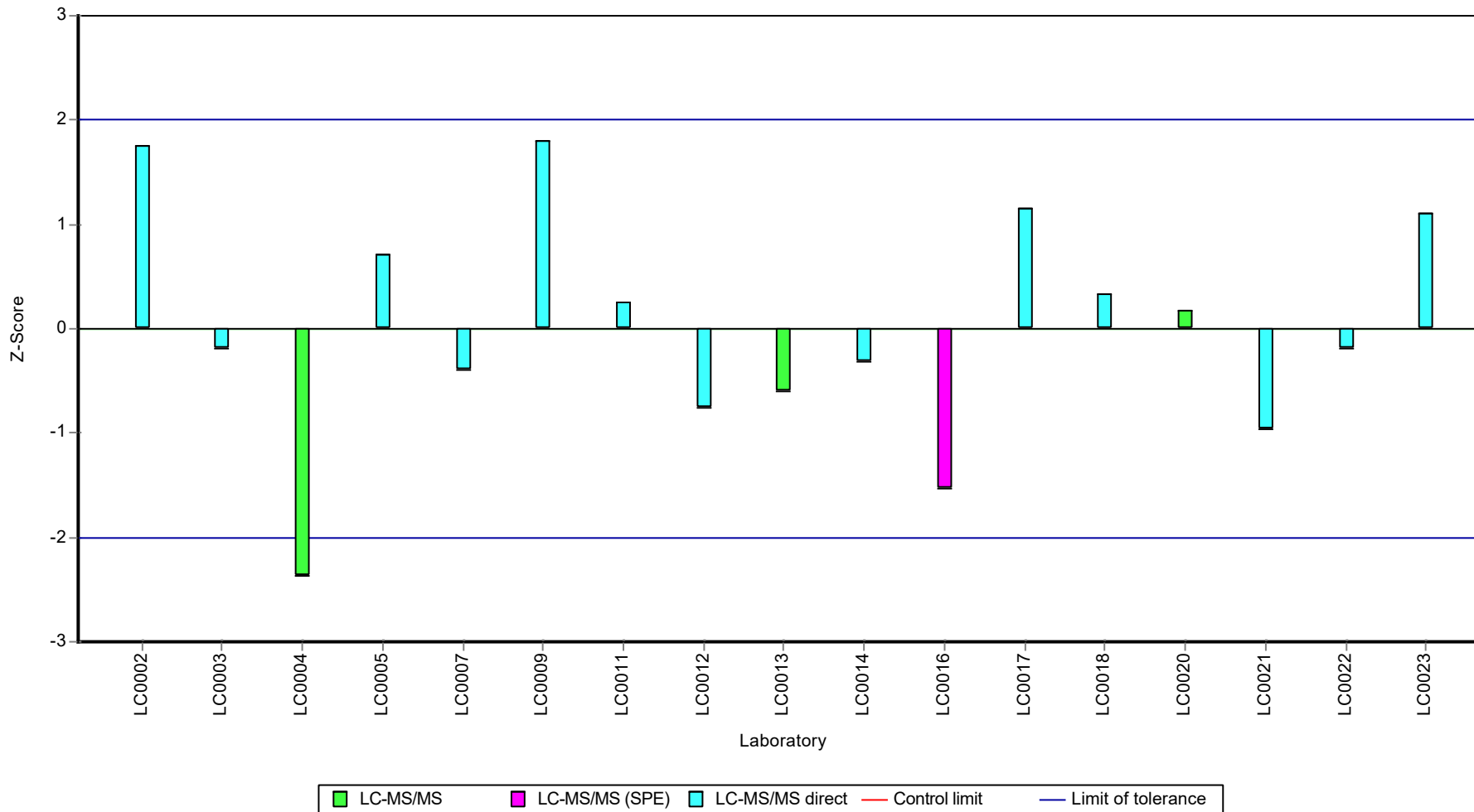
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Imidacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.493 ± 0.0251
Criterion	0.0739 (15 %)
Minimum - Maximum	0.41 - 0.588
Control test value ± U (k=2)	0.533 ± 0.133

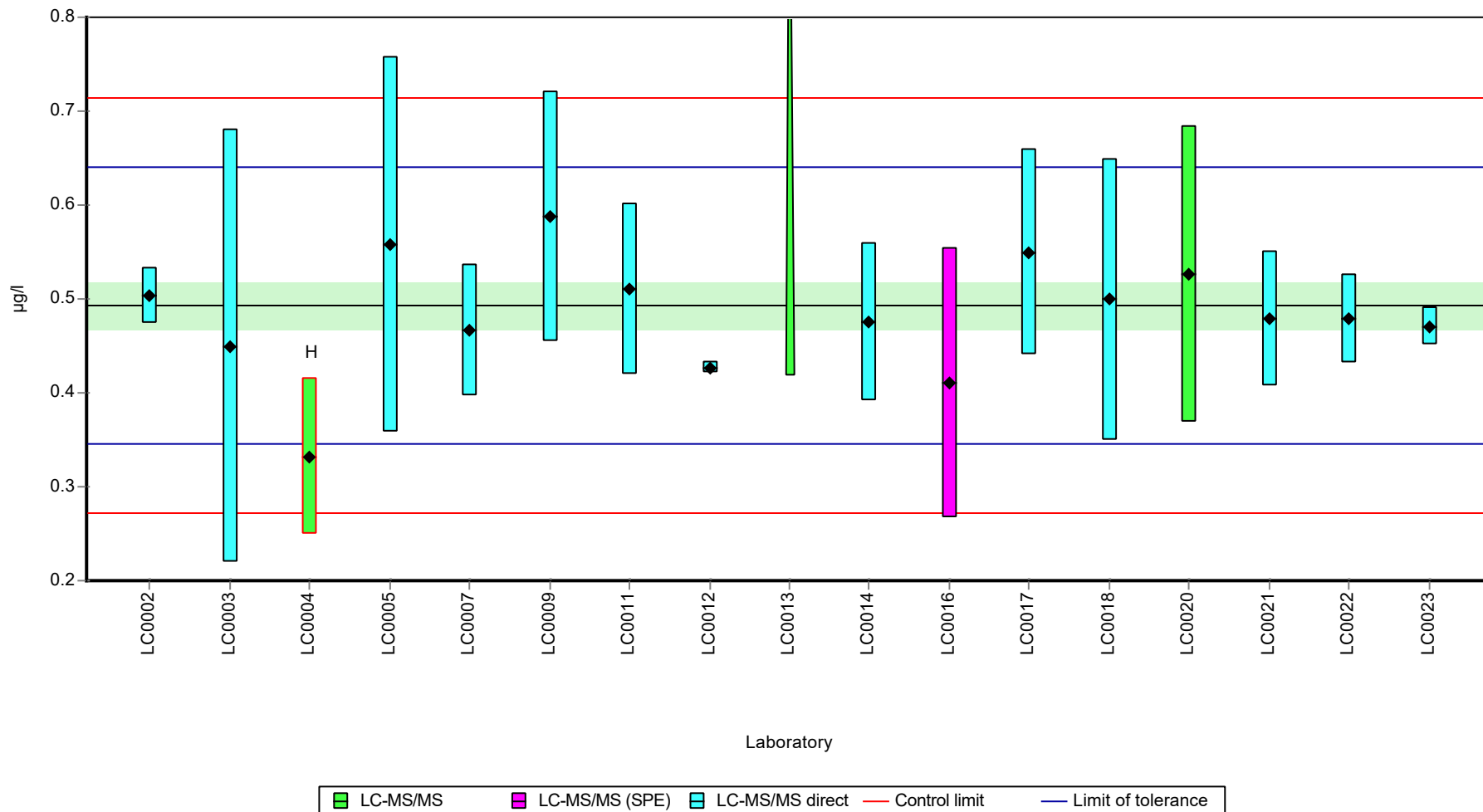
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.503	0.03	102	0.14	
LC0003	0.45	0.23	91.3	-0.58	
LC0004	0.332	0.083	67.4	-2.18	H
LC0005	0.558	0.2	113	0.88	
LC0006	-	-	-	-	
LC0007	0.466	0.07	94.6	-0.36	
LC0008	-	-	-	-	
LC0009	0.588	0.13295	119	1.29	
LC0010	-	-	-	-	
LC0011	0.51	0.091	103	0.23	
LC0012	0.427	0.006	86.6	-0.89	
LC0013	>0.42	0.13	-	-	
LC0014	0.475	0.084	96.4	-0.24	
LC0015	-	-	-	-	
LC0016	0.41	0.144	83.2	-1.12	
LC0017	0.55	0.11	112	0.77	
LC0018	0.5	0.15	101	0.1	
LC0019	-	-	-	-	
LC0020	0.5265	0.15795	107	0.46	
LC0021	0.479	0.072	97.2	-0.19	
LC0022	0.479	0.048	97.2	-0.19	
LC0023	0.471	0.02	95.6	-0.29	

Characteristics of parameter

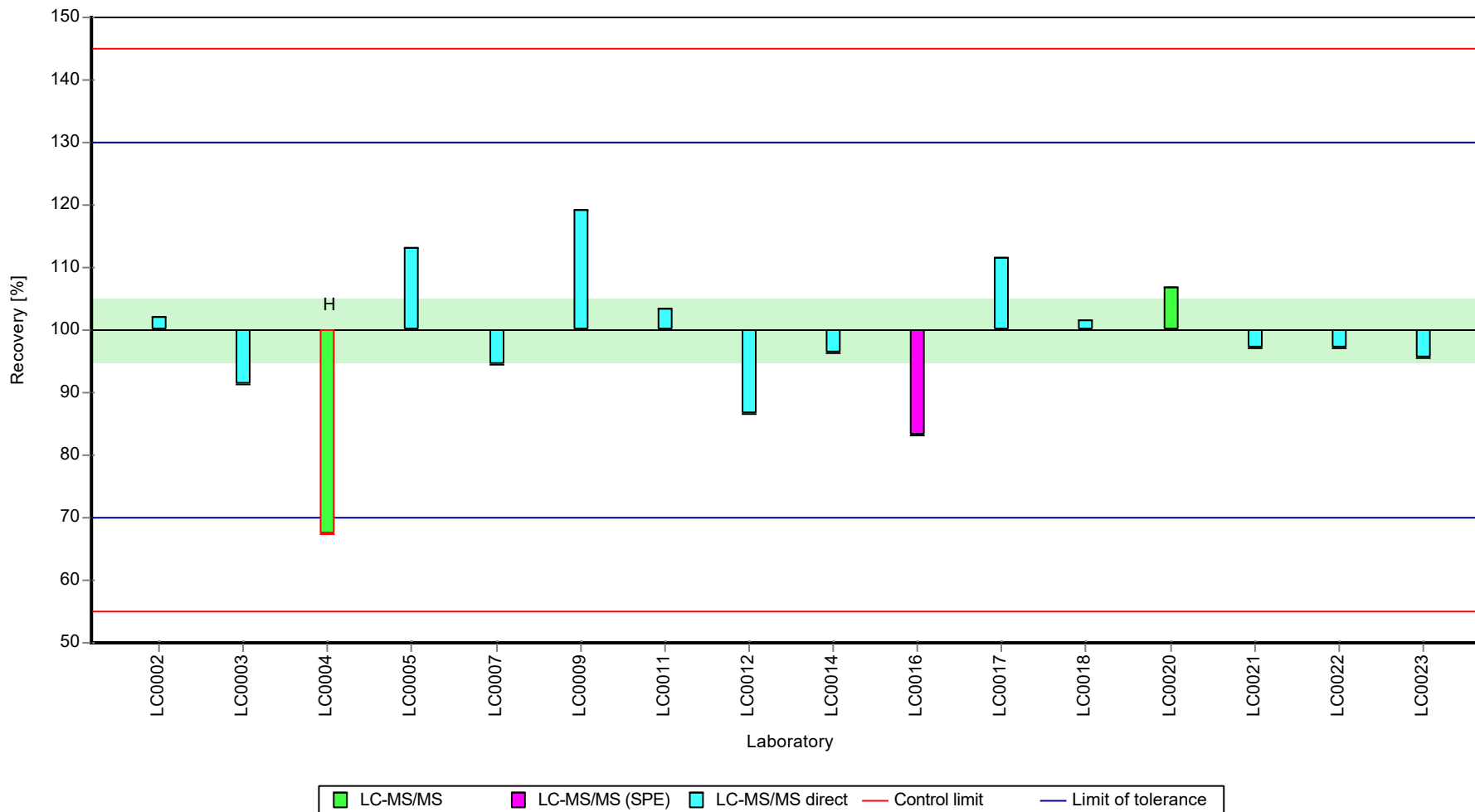
	all results	without outliers	Unit
Mean ± CI (99%)	0.483 ± 0.0464	0.493 ± 0.0377	µg/l
Minimum	0.332	0.41	µg/l
Maximum	0.588	0.588	µg/l
Standard deviation	0.0618	0.0486	µg/l
rel. standard deviation	12.8	9.86	%
n	16	15	-

Graphical presentation of results

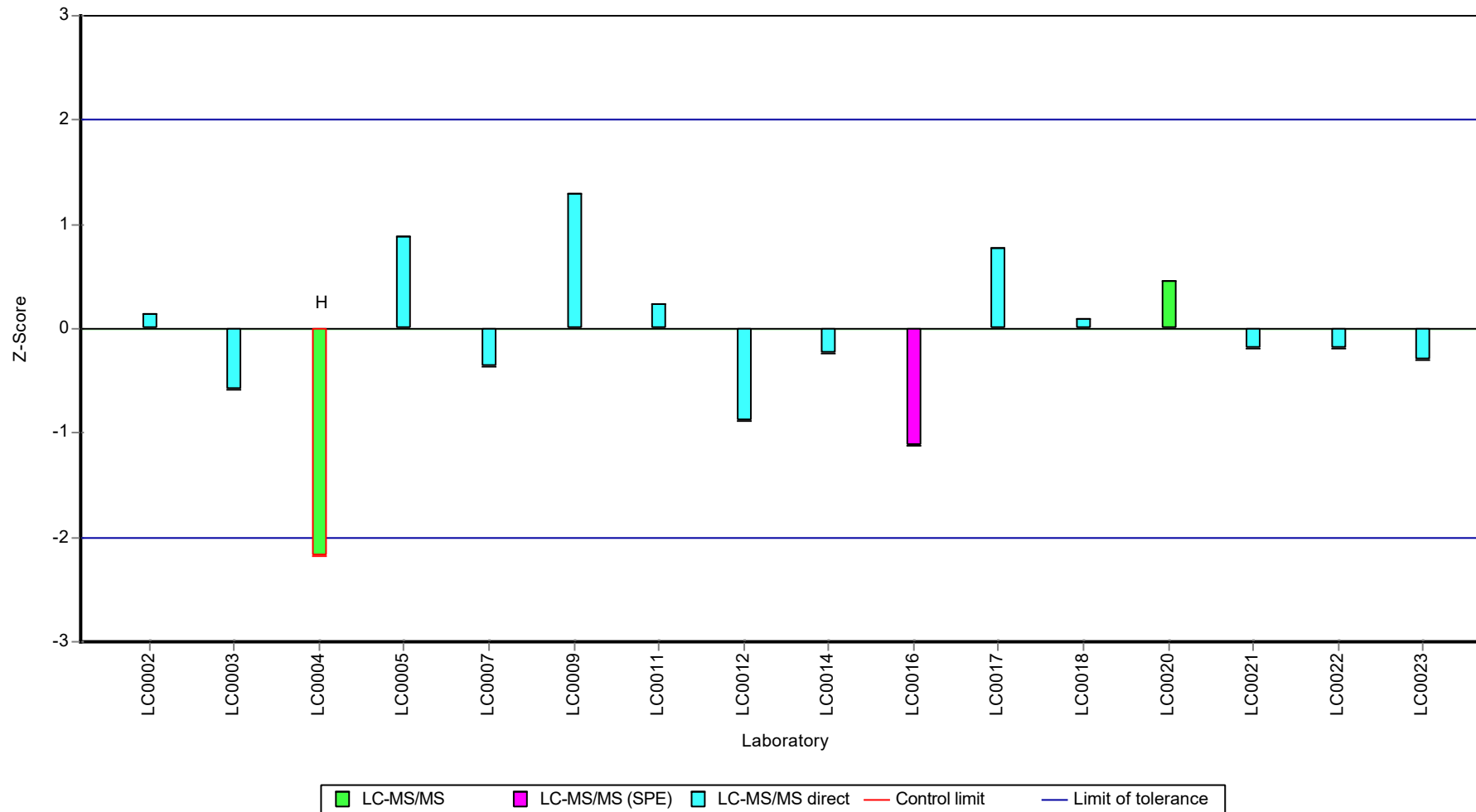
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Lindane (Gamma-HCH)

Unit	µg/l
Assigned value ± U (k=2)	0.349 ± 0.028
Criterion	0.0698 (20 %)
Minimum - Maximum	0.274 - 0.442
Control test value ± U (k=2)	0.359 ± 0.115

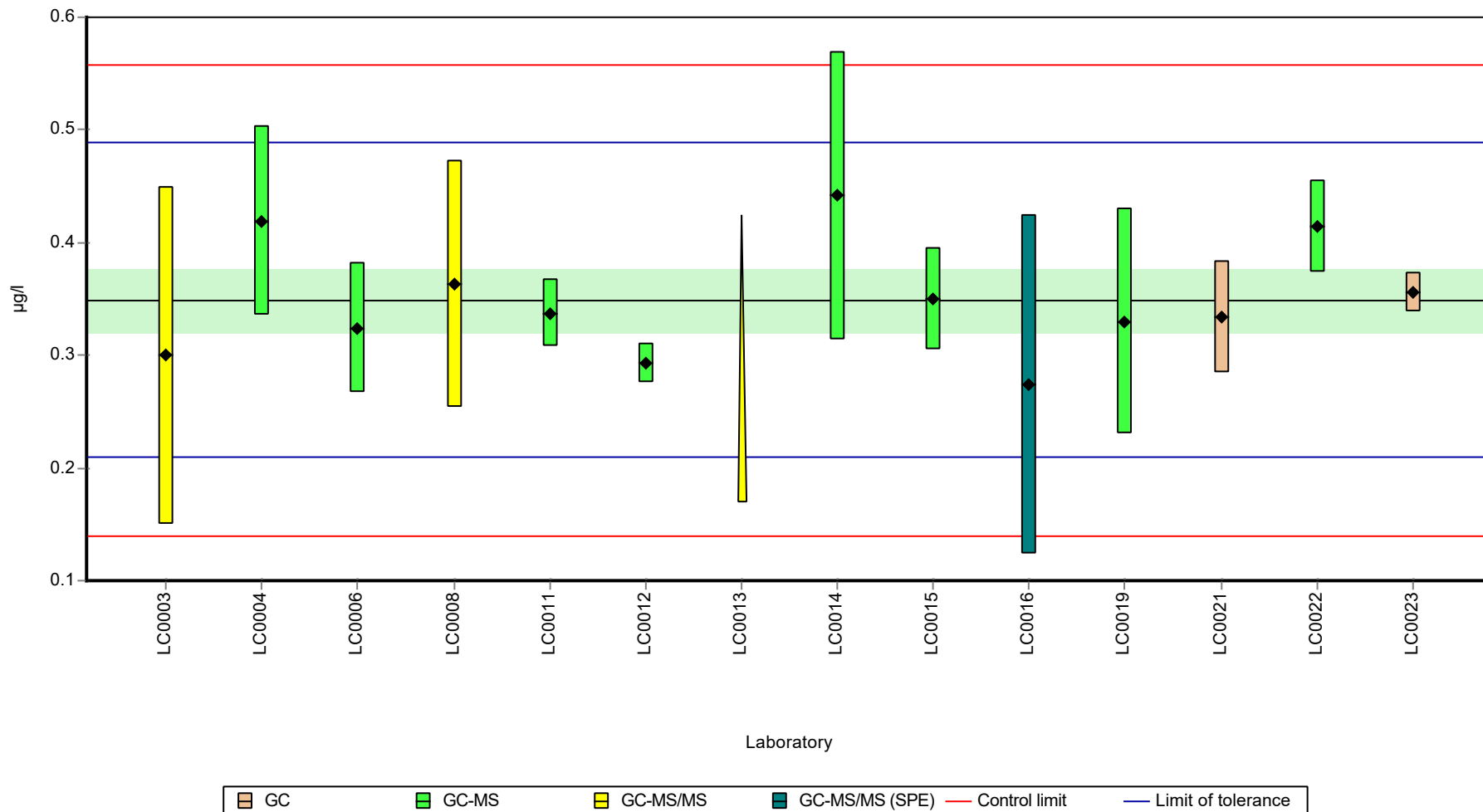
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3	0.15	86	-0.7	
LC0004	0.419	0.084	120	1	
LC0005	-	-	-	-	
LC0006	0.324	0.058	92.9	-0.36	
LC0007	-	-	-	-	
LC0008	0.363	0.11	104	0.2	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.337	0.03	96.6	-0.17	
LC0012	0.293	0.018	84	-0.8	
LC0013	>0.17	0.05	-	-	
LC0014	0.442	0.128	127	1.33	
LC0015	0.35	0.046	100	0.02	
LC0016	0.274	0.151	78.5	-1.07	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.33	0.1	94.6	-0.27	
LC0020	-	-	-	-	
LC0021	0.334	0.05	95.7	-0.21	
LC0022	0.414	0.041	119	0.93	
LC0023	0.356	0.018	102	0.1	

Characteristics of parameter

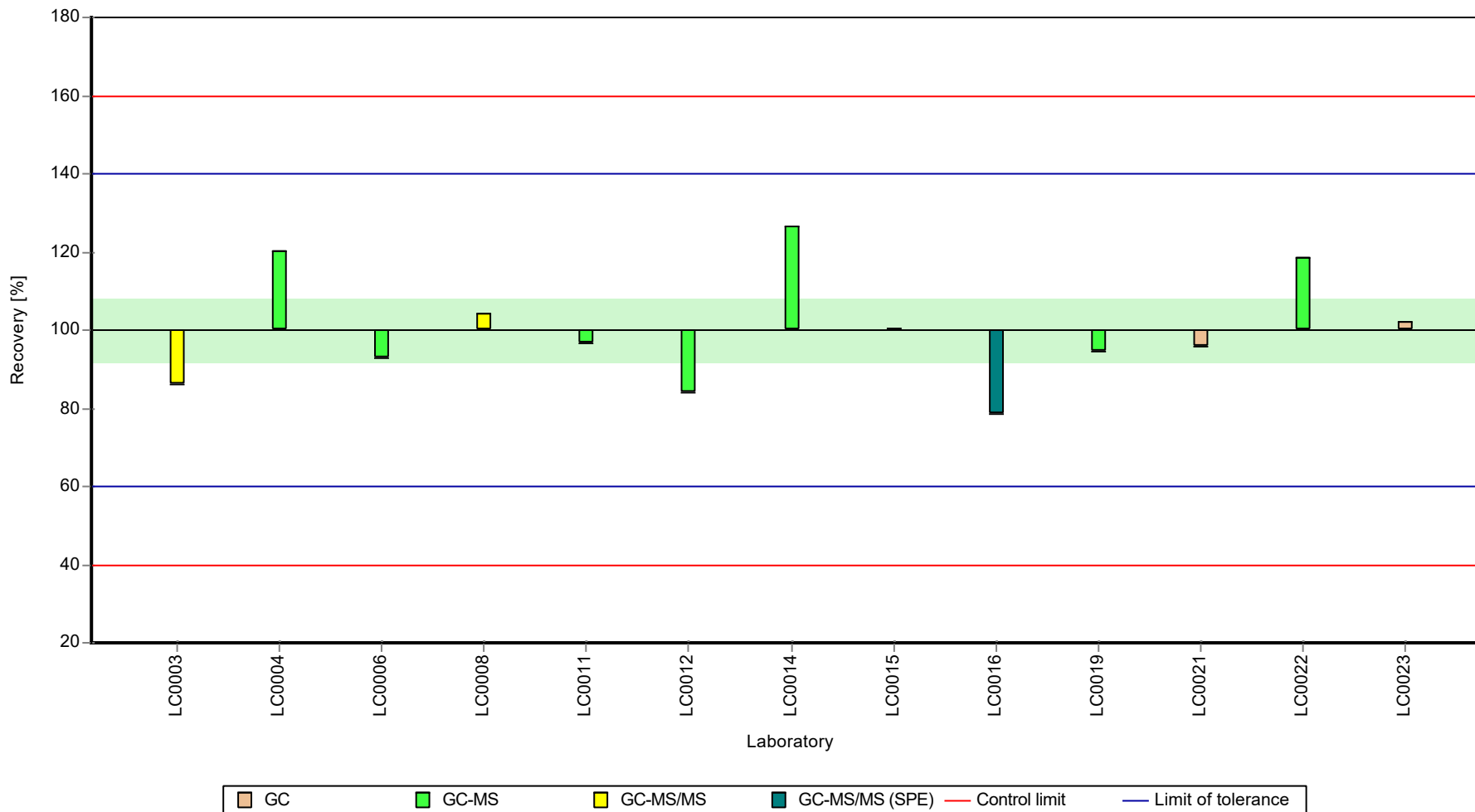
	all results	without outliers	Unit
Mean ± CI (99%)	0.349 ± 0.042	0.349 ± 0.042	µg/l
Minimum	0.274	0.274	µg/l
Maximum	0.442	0.442	µg/l
Standard deviation	0.0504	0.0504	µg/l
rel. standard deviation	14.5	14.5	%
n	13	13	-

Graphical presentation of results

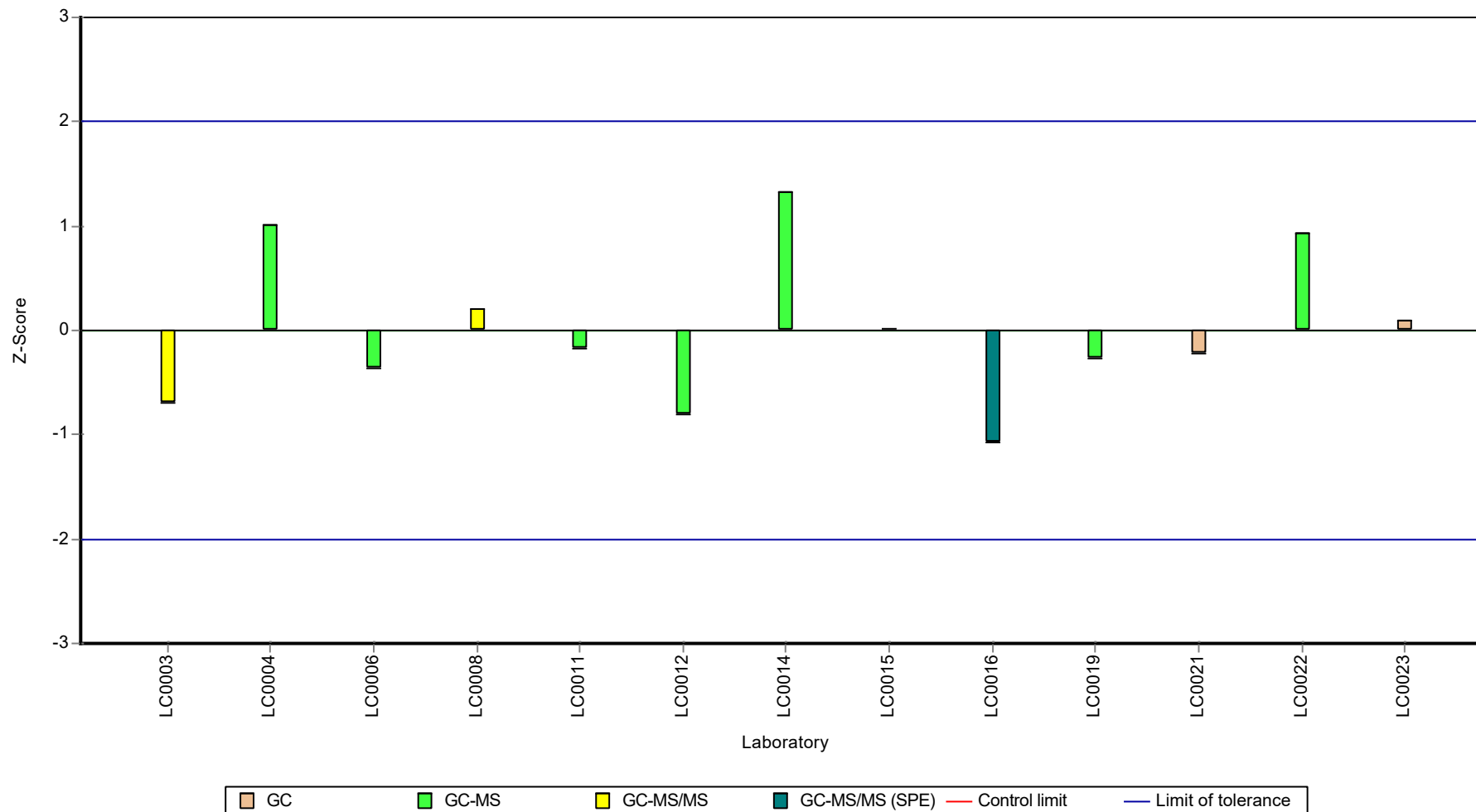
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Lindane (Gamma-HCH)

Unit	µg/l
Assigned value ± U (k=2)	0.838 ± 0.0921
Criterion	0.168 (20 %)
Minimum - Maximum	0.618 - 1.2
Control test value ± U (k=2)	0.821 ± 0.263

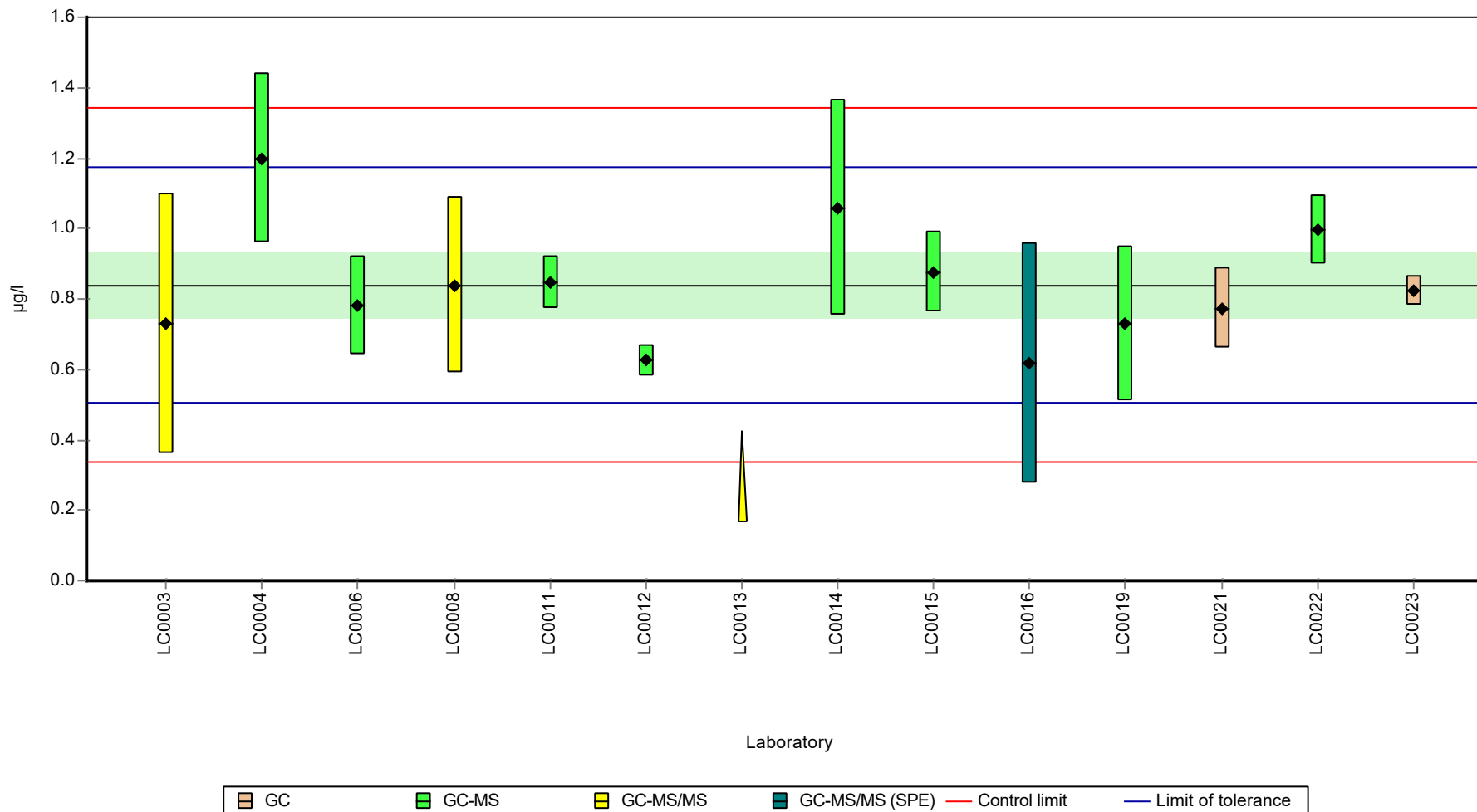
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.73	0.37	87.1	-0.65	
LC0004	1.2	0.24	143	2.16	
LC0005	-	-	-	-	
LC0006	0.782	0.141	93.3	-0.34	
LC0007	-	-	-	-	
LC0008	0.839	0.25	100	0.00	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.846	0.075	101	0.04	
LC0012	0.625	0.045	74.5	-1.27	
LC0013	>0.17	0.05	-	-	
LC0014	1.059	0.306	126	1.32	
LC0015	0.877	0.114	105	0.23	
LC0016	0.618	0.34	73.7	-1.31	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.73	0.22	87.1	-0.65	
LC0020	-	-	-	-	
LC0021	0.774	0.116	92.3	-0.38	
LC0022	0.996	0.1	119	0.94	
LC0023	0.824	0.041	98.3	-0.09	

Characteristics of parameter

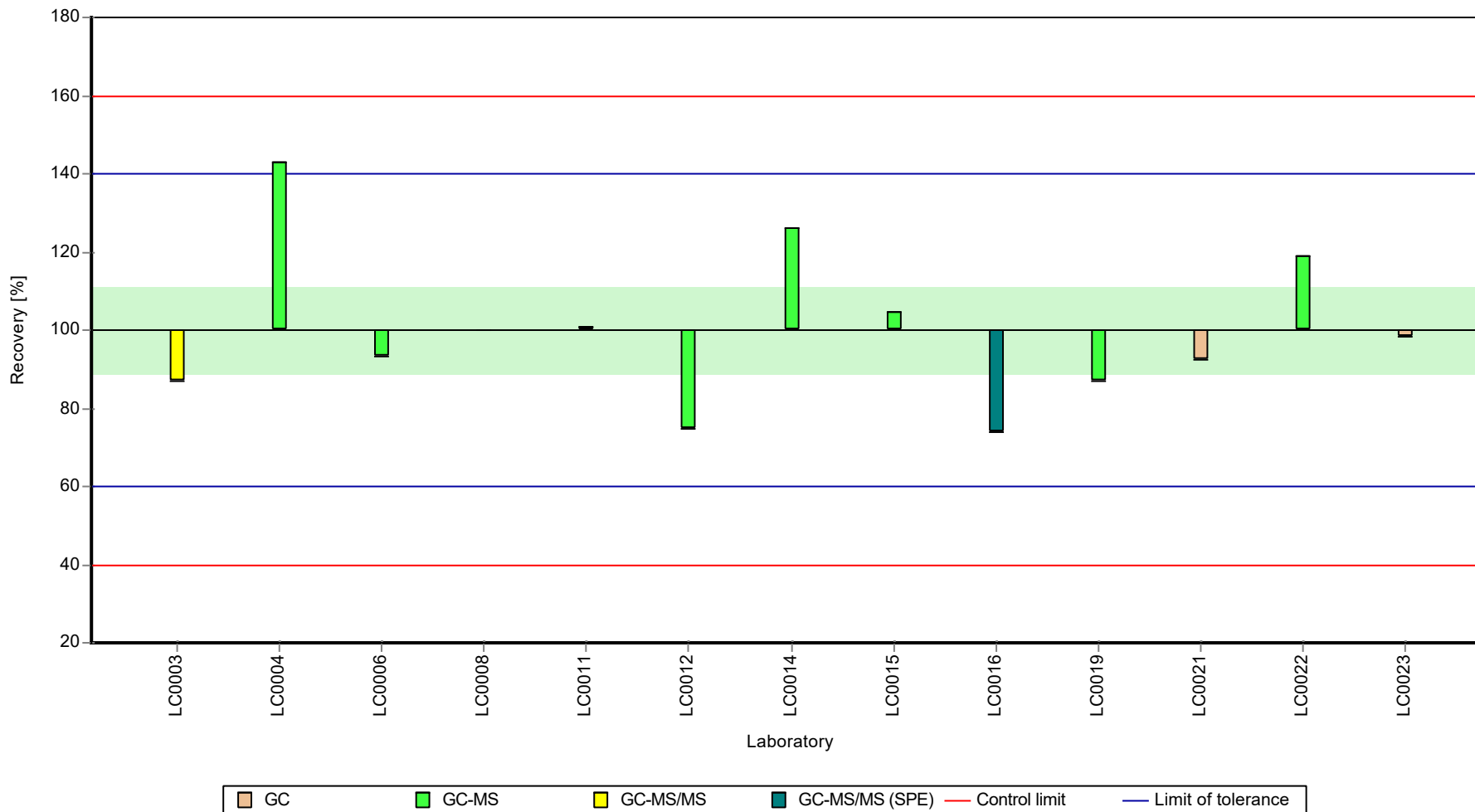
	all results	without outliers	Unit
Mean ± CI (99%)	0.838 ± 0.138	0.838 ± 0.138	µg/l
Minimum	0.618	0.618	µg/l
Maximum	1.2	1.2	µg/l
Standard deviation	0.166	0.166	µg/l
rel. standard deviation	19.8	19.8	%
n	13	13	-

Graphical presentation of results

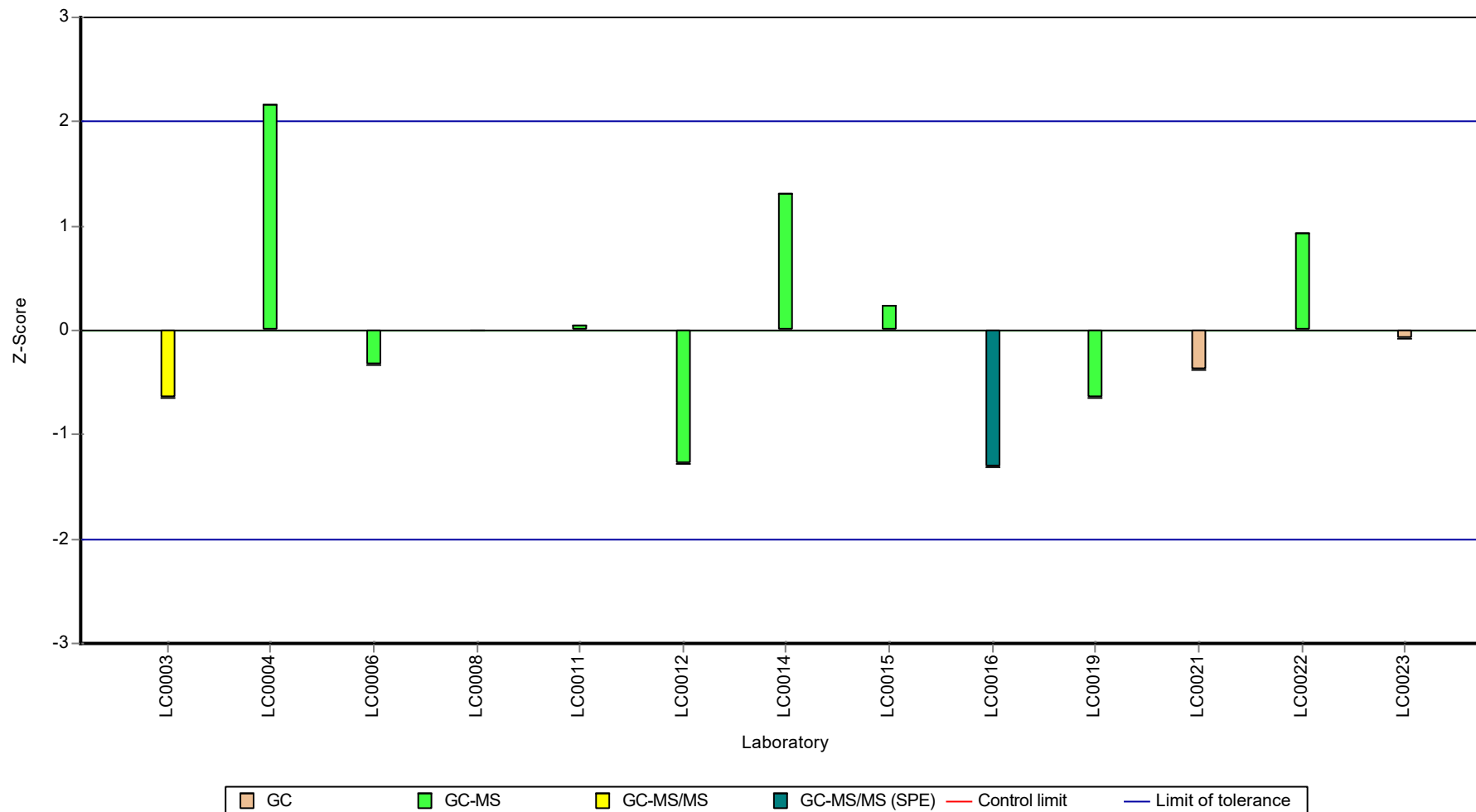
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Nitenpyram

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.27 - 0.355
Control test value ± U (k=2)	0.305 ± 0.0458

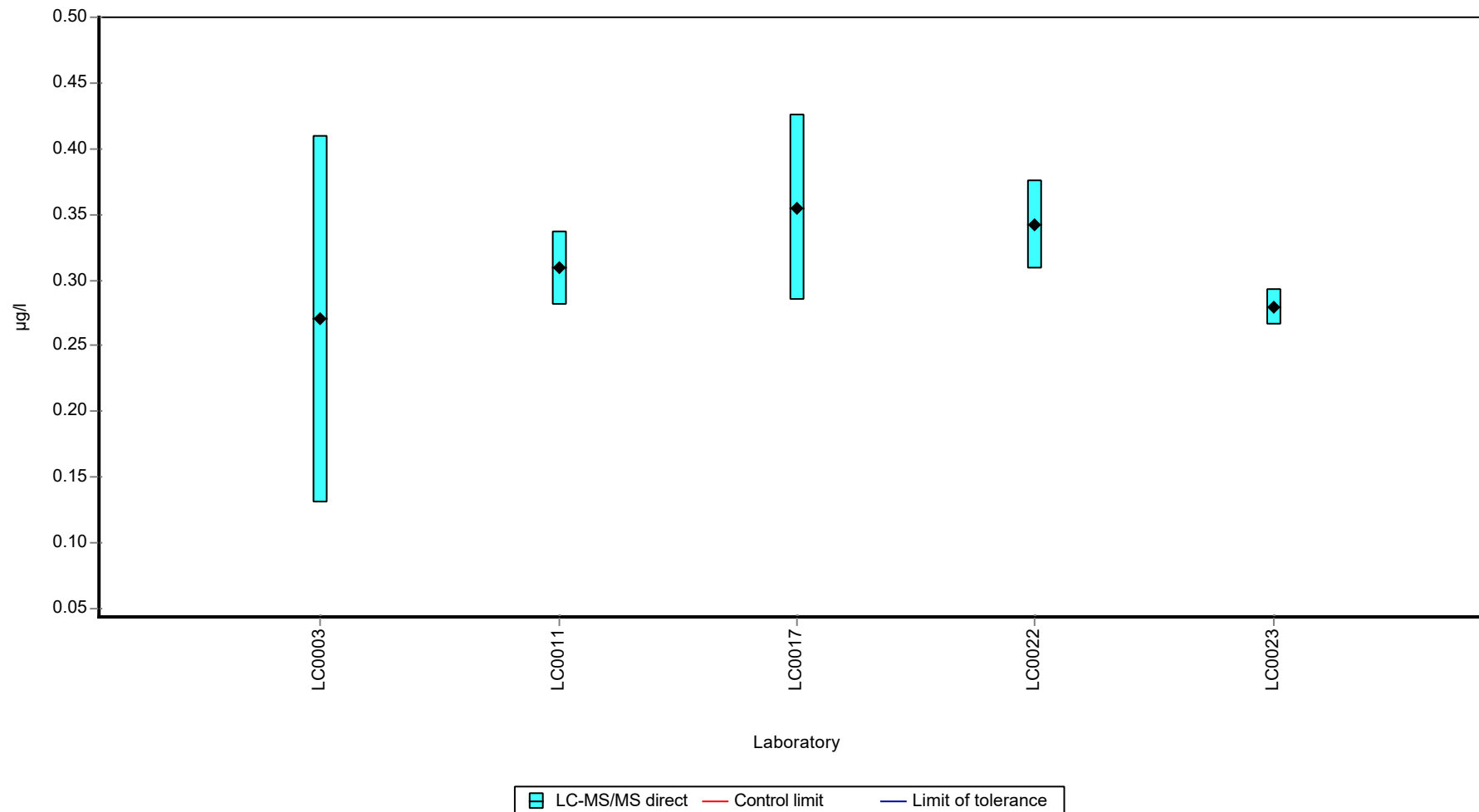
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.27	0.14	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.309	0.028	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.355	0.071	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.342	0.034	-	-	
LC0023	0.279	0.014	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.311 ± 0.0502	-	µg/l
Minimum	0.27	0.27	µg/l
Maximum	0.355	0.355	µg/l
Standard deviation	0.0374	-	µg/l
rel. standard deviation	12	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H111 B

Nitenpyram

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.776 - 0.948
Control test value ± U (k=2)	0.798 ± 0.12

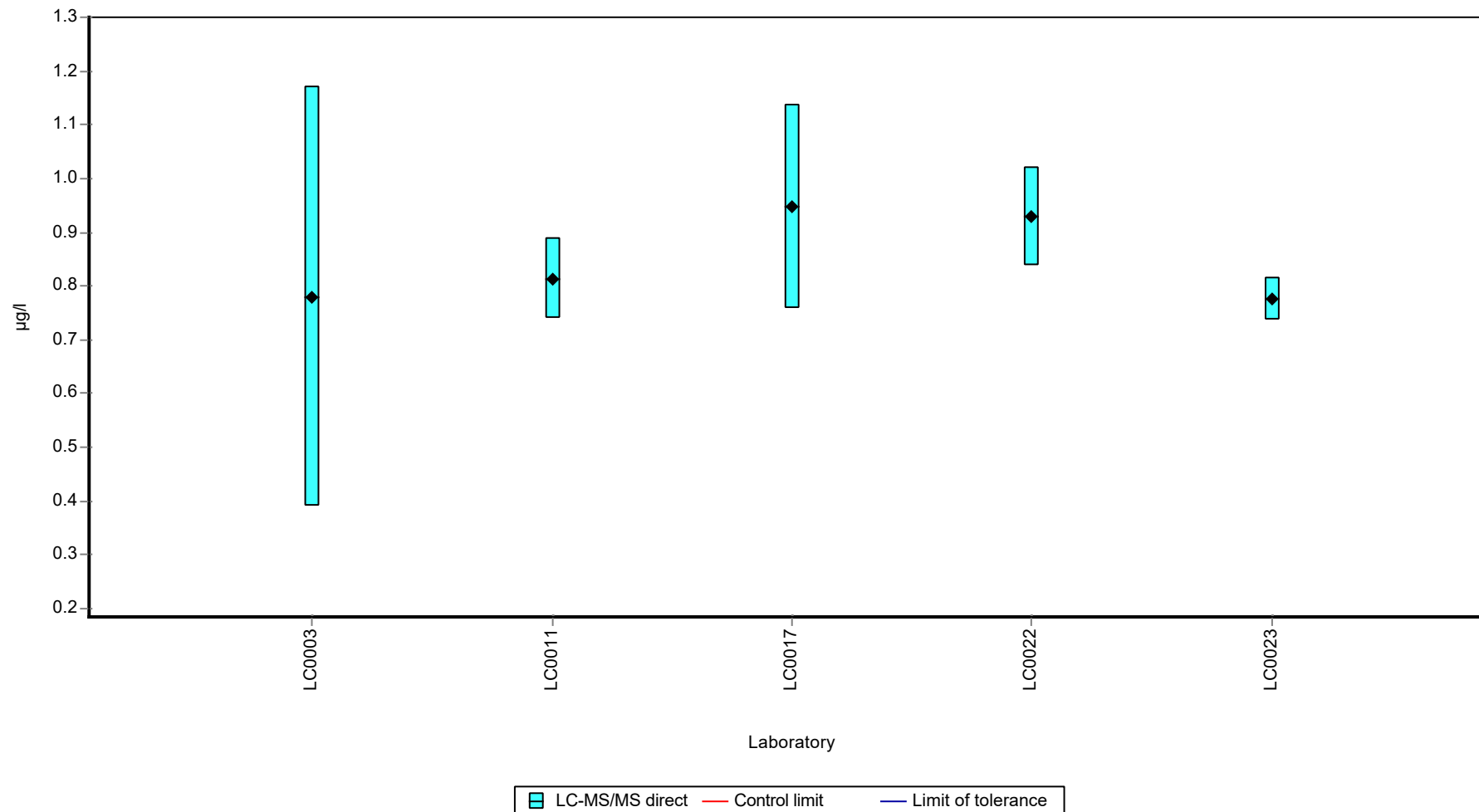
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.78	0.39	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.814	0.074	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.948	0.19	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.929	0.093	-	-	
LC0023	0.776	0.039	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.849 ± 0.111	-	µg/l
Minimum	0.776	0.776	µg/l
Maximum	0.948	0.948	µg/l
Standard deviation	0.0829	-	µg/l
rel. standard deviation	9.76	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H111 A

Prometryn

Unit	µg/l
Assigned value ± U (k=2)	0.279 ± 0.0175
Criterion	0.0363 (13 %)
Minimum - Maximum	0.231 - 0.322
Control test value ± U (k=2)	0.308 ± 0.0461

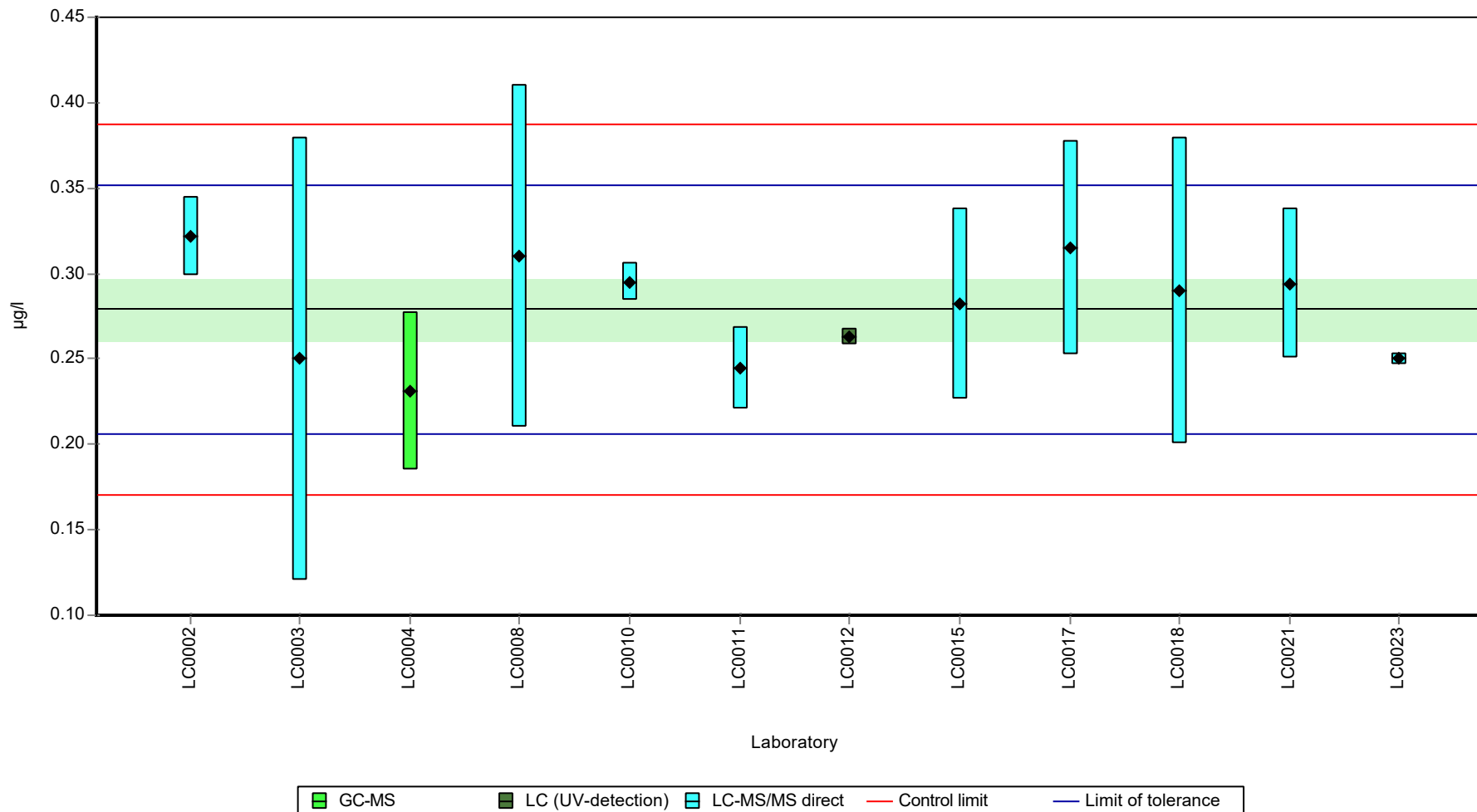
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.322	0.023	115	1.19	
LC0003	0.25	0.13	89.6	-0.8	
LC0004	0.231	0.046	82.8	-1.32	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.31	0.1	111	0.86	
LC0009	-	-	-	-	
LC0010	0.295	0.011	106	0.44	
LC0011	0.245	0.024	87.8	-0.94	
LC0012	0.263	0.005	94.3	-0.44	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.282	0.056	101	0.09	
LC0016	-	-	-	-	
LC0017	0.315	0.063	113	0.99	
LC0018	0.29	0.09	104	0.31	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.294	0.044	105	0.42	
LC0022	-	-	-	-	
LC0023	0.25	0.0035	89.6	-0.8	

Characteristics of parameter

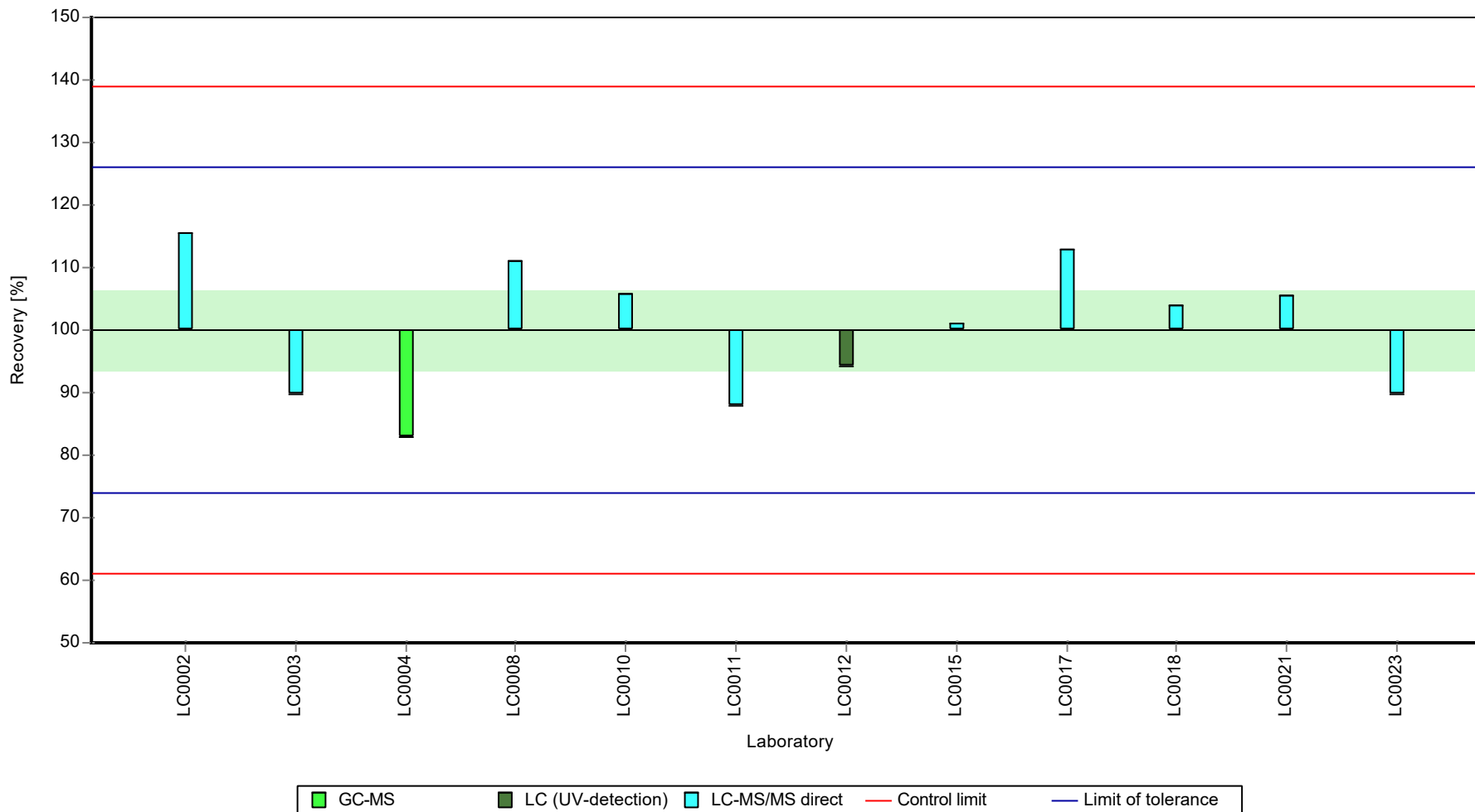
	all results	without outliers	Unit
Mean ± CI (99%)	0.279 ± 0.0263	0.279 ± 0.0263	µg/l
Minimum	0.231	0.231	µg/l
Maximum	0.322	0.322	µg/l
Standard deviation	0.0303	0.0303	µg/l
rel. standard deviation	10.9	10.9	%
n	12	12	-

Graphical presentation of results

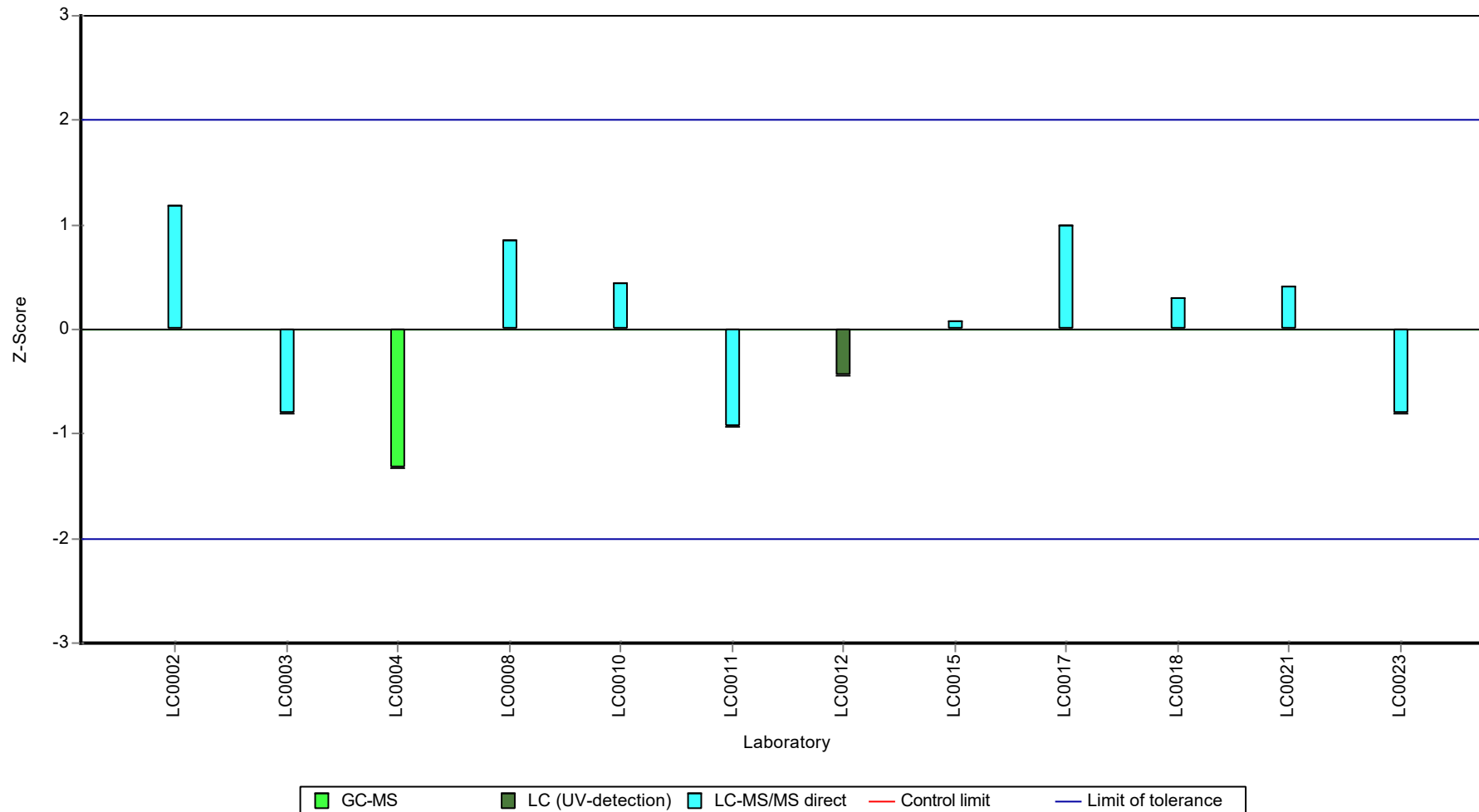
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Prometryn

Unit	µg/l
Assigned value ± U (k=2)	1.61 ± 0.111
Criterion	0.21 (13 %)
Minimum - Maximum	1.29 - 1.83
Control test value ± U (k=2)	1.58 ± 0.237

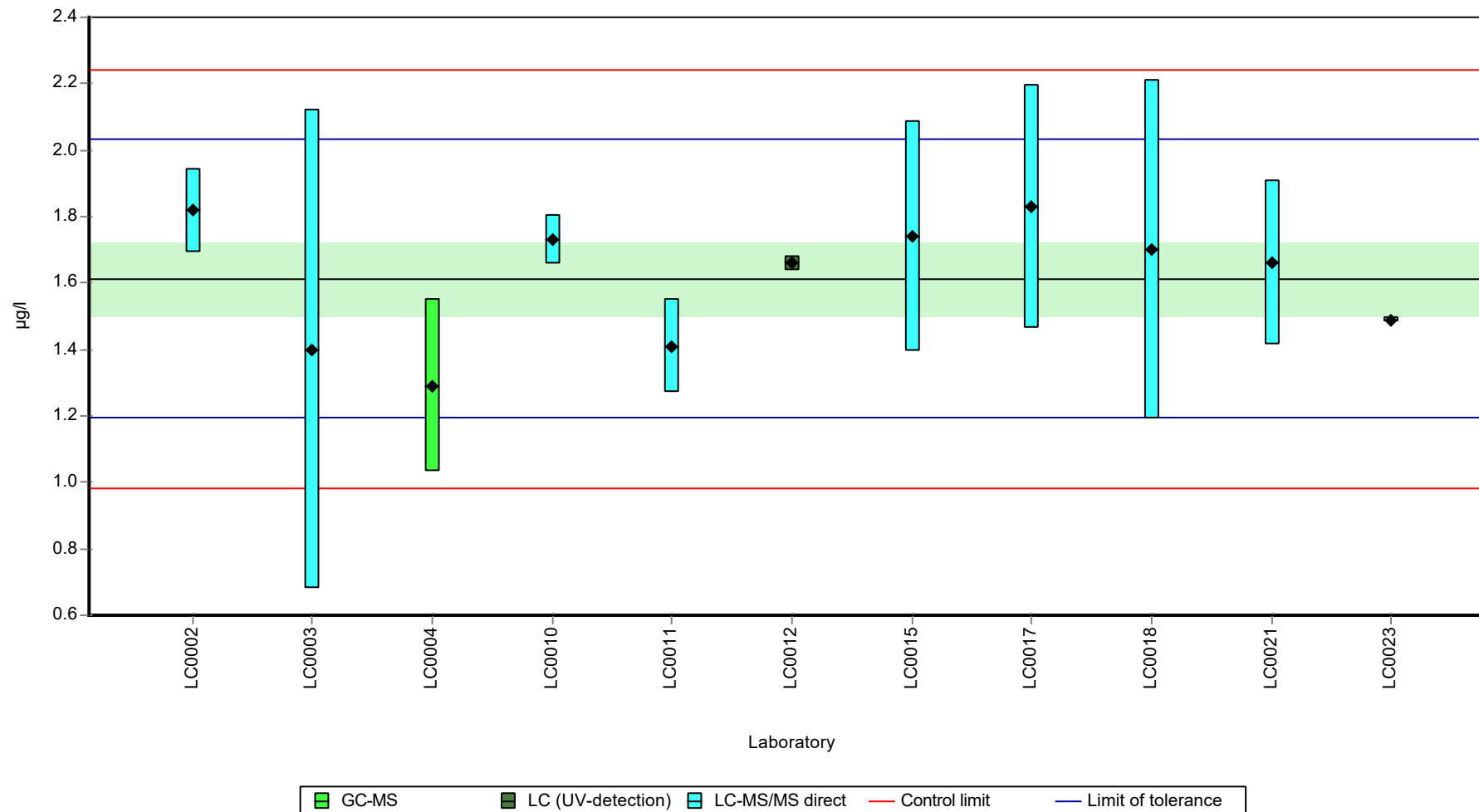
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	1.818	0.127	113	0.98	
LC0003	1.4	0.72	86.9	-1.01	
LC0004	1.29	0.26	80	-1.54	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	1.73	0.073	107	0.56	
LC0011	1.41	0.14	87.5	-0.96	
LC0012	1.66	0.022	103	0.23	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	1.74	0.348	108	0.61	
LC0016	-	-	-	-	
LC0017	1.83	0.365	114	1.04	
LC0018	1.7	0.51	105	0.42	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.661	0.249	103	0.23	
LC0022	-	-	-	-	
LC0023	1.49	0.0076	92.4	-0.58	

Characteristics of parameter

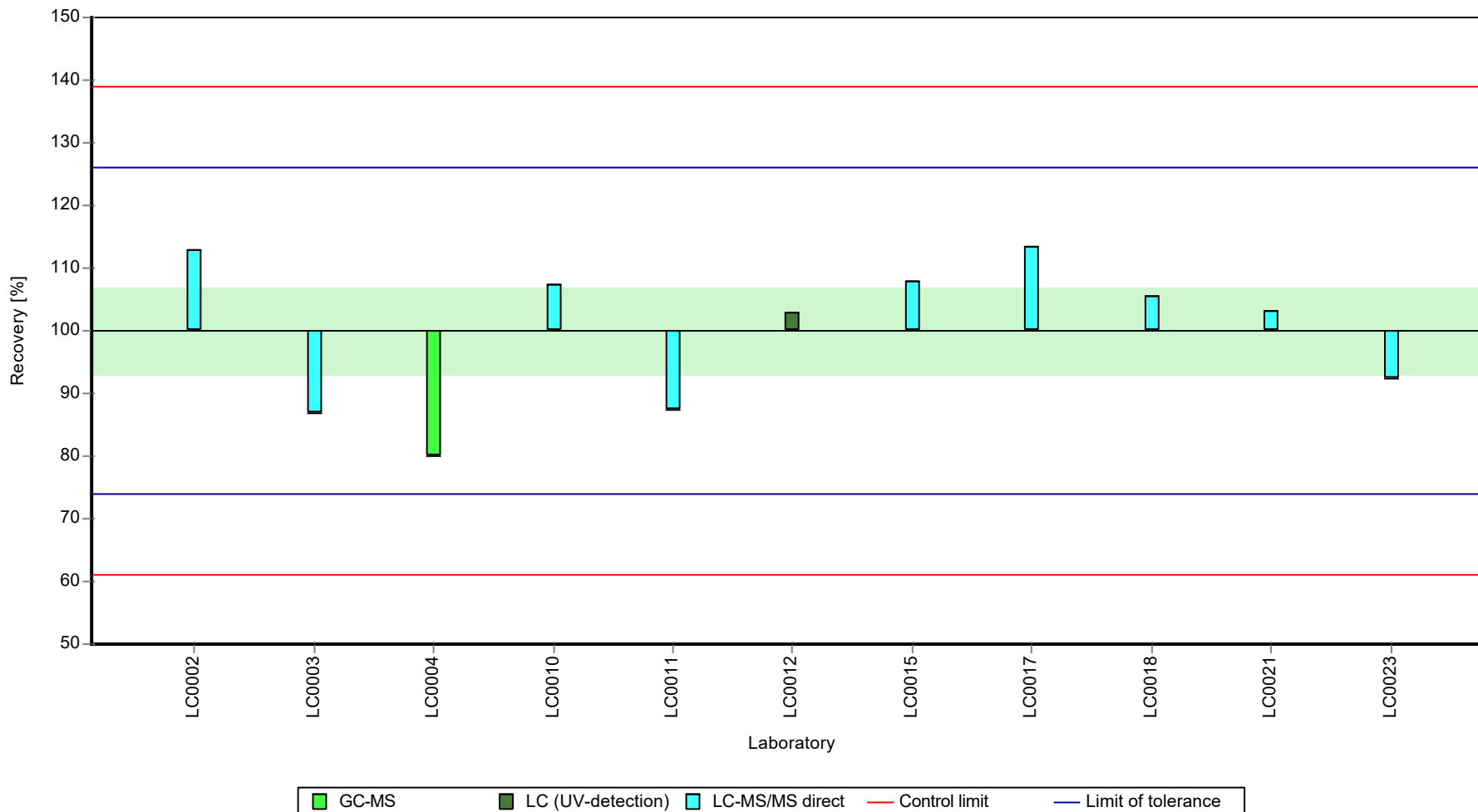
	all results	without outliers	Unit
Mean ± CI (99%)	1.61 ± 0.166	1.61 ± 0.166	µg/l
Minimum	1.29	1.29	µg/l
Maximum	1.83	1.83	µg/l
Standard deviation	0.184	0.184	µg/l
rel. standard deviation	11.4	11.4	%
n	11	11	-

Graphical presentation of results

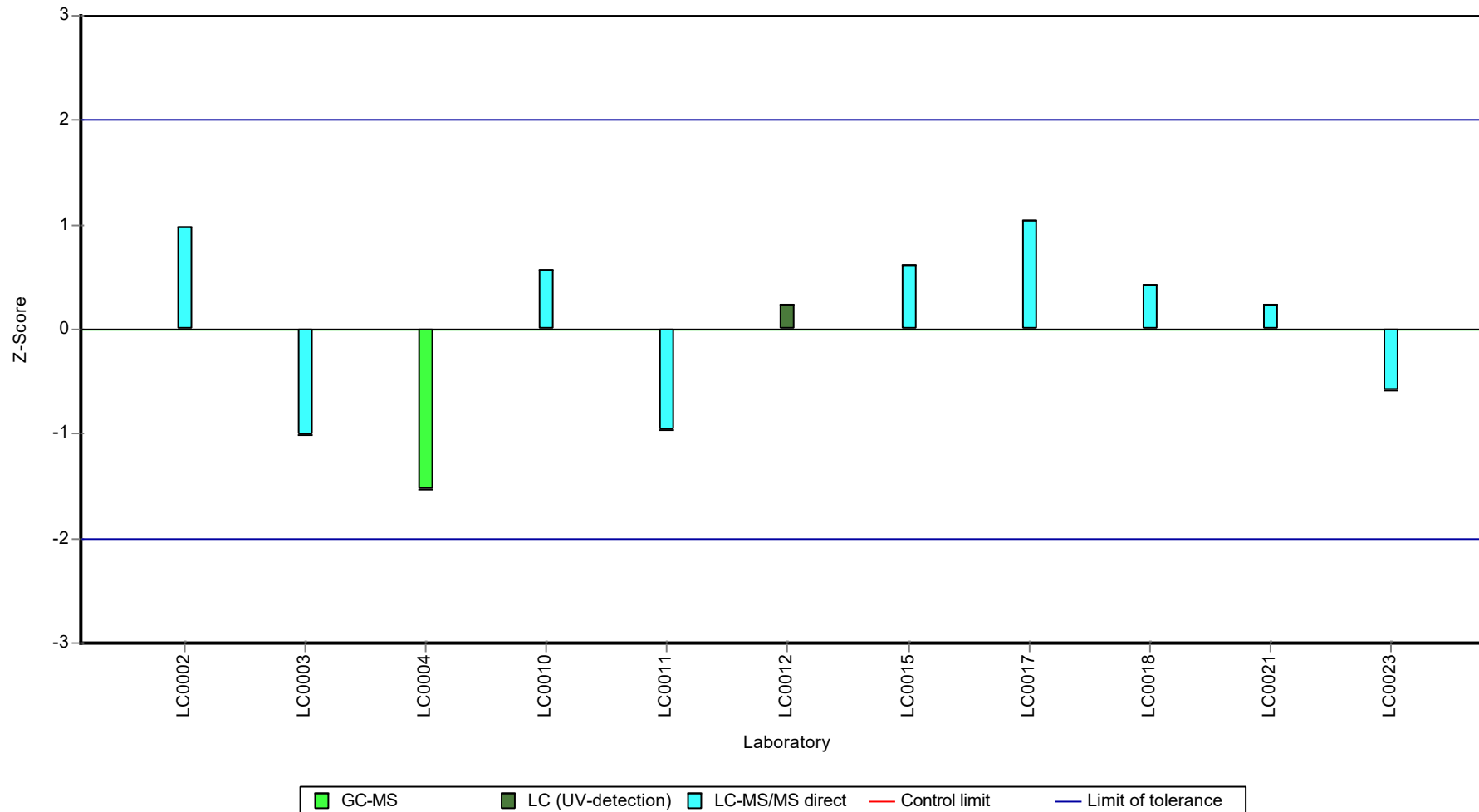
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Propazine

Unit	µg/l
Assigned value ± U (k=2)	0.269 ± 0.0111
Criterion	0.035 (13 %)
Minimum - Maximum	0.216 - 0.306
Control test value ± U (k=2)	0.282 ± 0.0424

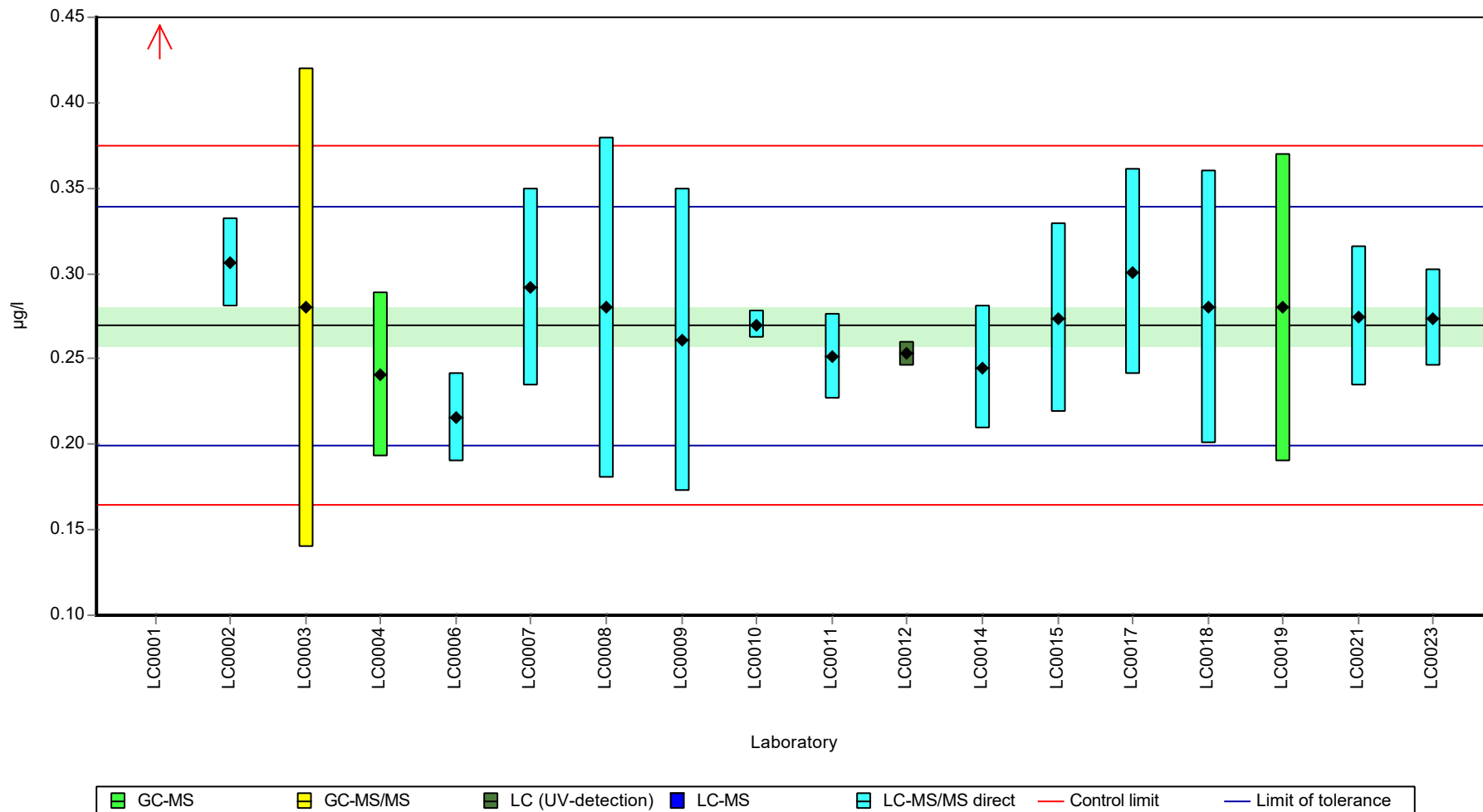
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.498	0.1	185	6.53	H
LC0002	0.306	0.026	114	1.05	
LC0003	0.28	0.14	104	0.3	
LC0004	0.241	0.048	89.5	-0.81	
LC0005	-	-	-	-	
LC0006	0.216	0.026	80.2	-1.52	
LC0007	0.292	0.058	108	0.65	
LC0008	0.28	0.1	104	0.3	
LC0009	0.261	0.08869	96.9	-0.24	
LC0010	0.27	0.008	100	0.02	
LC0011	0.251	0.025	93.2	-0.52	
LC0012	0.253	0.007	93.9	-0.47	
LC0013	-	-	-	-	
LC0014	0.245	0.036	91	-0.69	
LC0015	0.274	0.055	102	0.13	
LC0016	-	-	-	-	
LC0017	0.301	0.06	112	0.9	
LC0018	0.28	0.08	104	0.3	
LC0019	0.28	0.09	104	0.3	
LC0020	-	-	-	-	
LC0021	0.275	0.041	102	0.16	
LC0022	-	-	-	-	
LC0023	0.274	0.028	102	0.13	

Characteristics of parameter

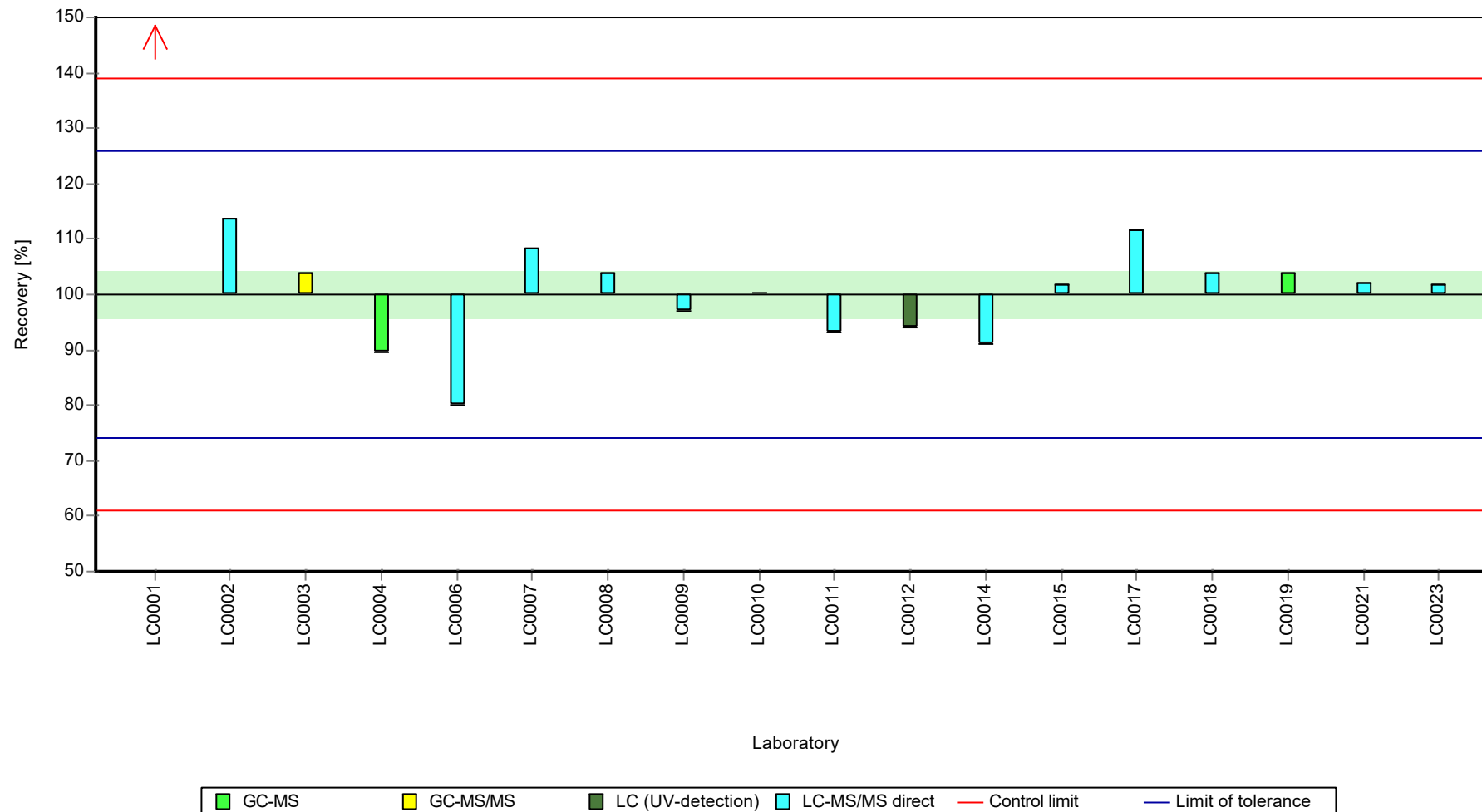
	all results	without outliers	Unit
Mean ± CI (99%)	0.282 ± 0.0412	0.269 ± 0.0166	µg/l
Minimum	0.216	0.216	µg/l
Maximum	0.498	0.306	µg/l
Standard deviation	0.0582	0.0228	µg/l
rel. standard deviation	20.7	8.46	%
n	18	17	-

Graphical presentation of results

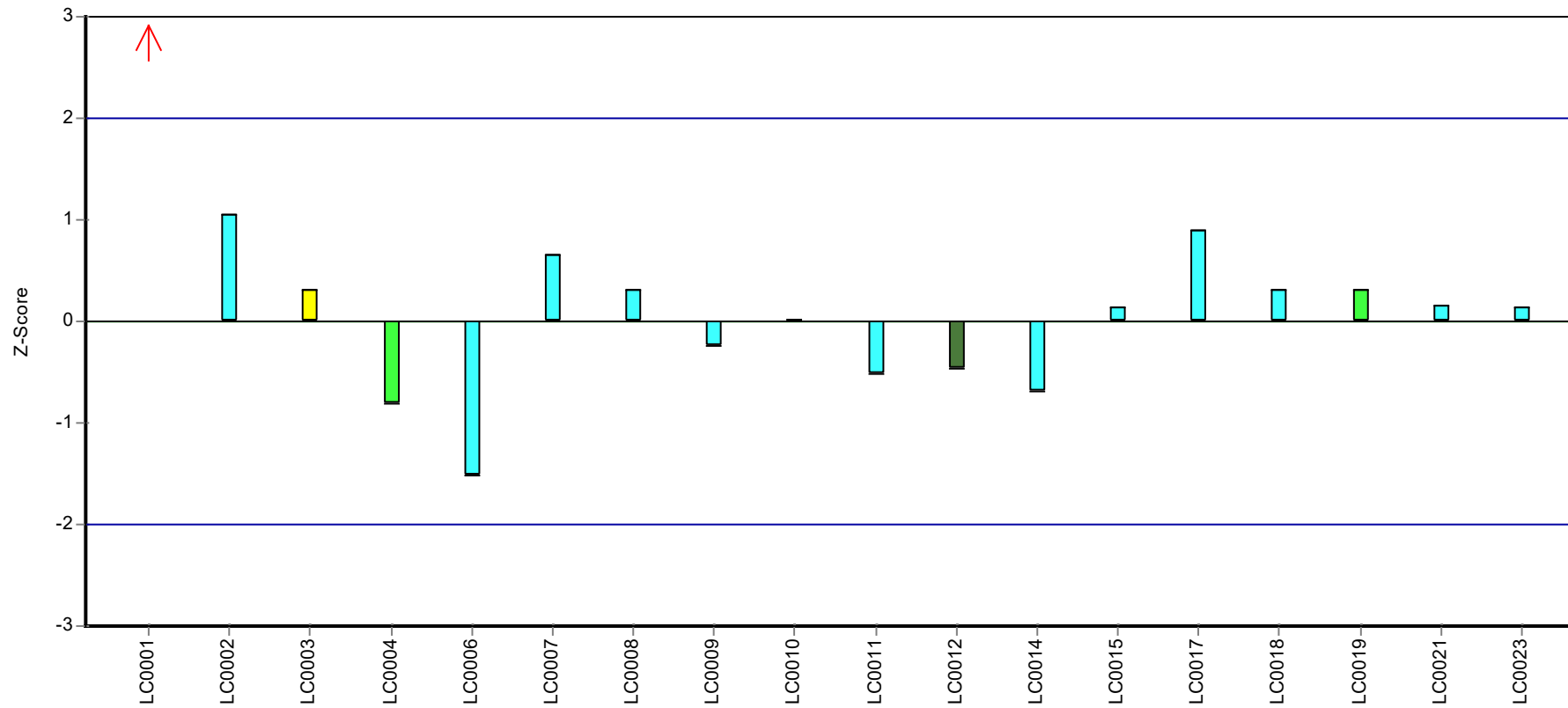
Results



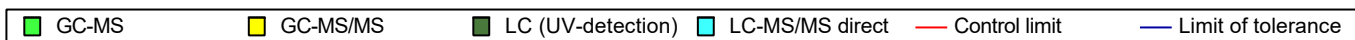
Recovery rate



Z-score



Laboratory



Parameter oriented report

H111 B

Propazine

Unit	µg/l
Assigned value ± U (k=2)	1.13 ± 0.0632
Criterion	0.147 (13 %)
Minimum - Maximum	0.896 - 1.36
Control test value ± U (k=2)	0.975 ± 0.146

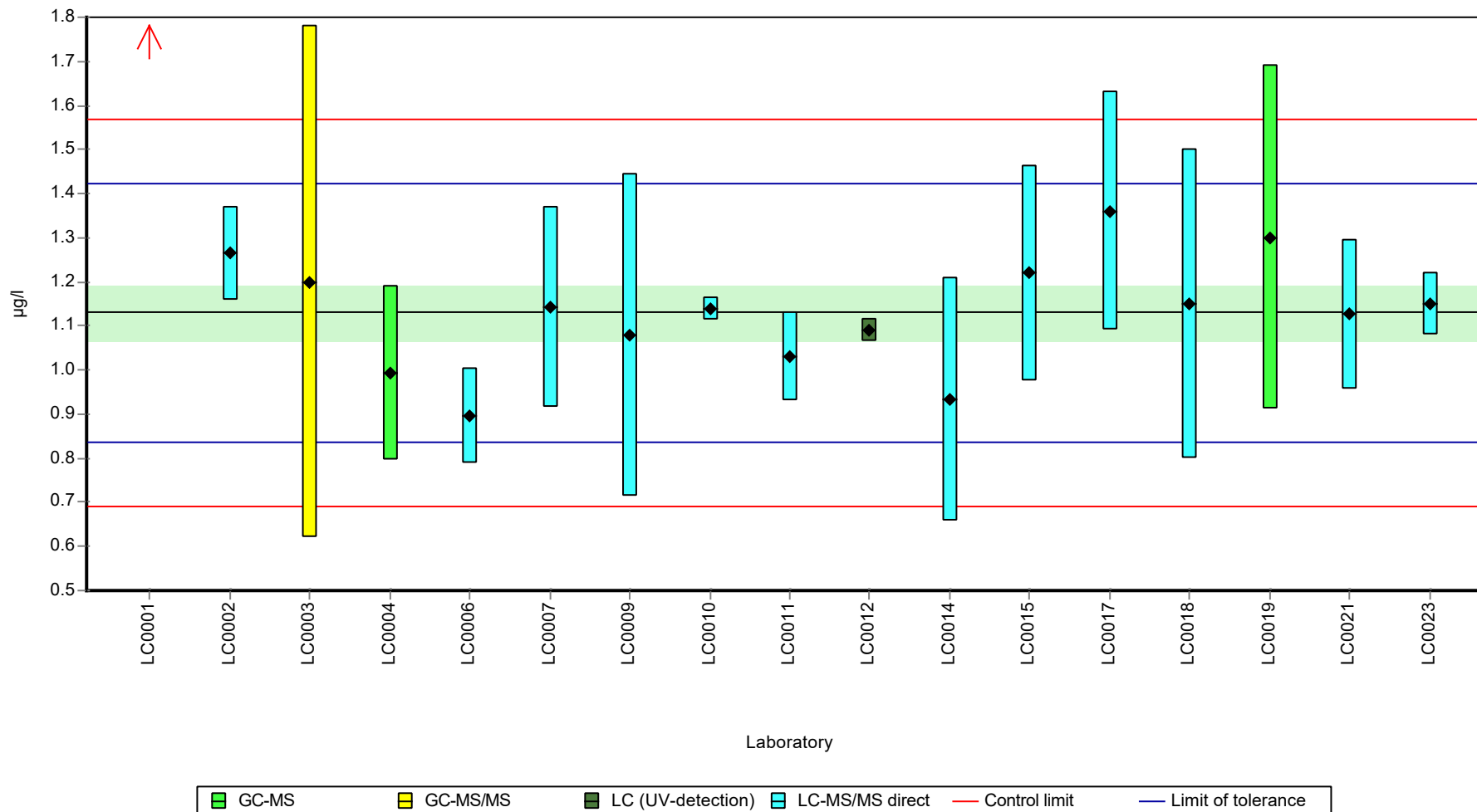
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	2.207	0.44	195	7.34	H
LC0002	1.264	0.107	112	0.92	
LC0003	1.2	0.58	106	0.48	
LC0004	0.993	0.199	87.9	-0.93	
LC0005	-	-	-	-	
LC0006	0.896	0.108	79.3	-1.59	
LC0007	1.142	0.228	101	0.08	
LC0008	-	-	-	-	
LC0009	1.08	0.36698	95.6	-0.34	
LC0010	1.14	0.026	101	0.07	
LC0011	1.03	0.1	91.2	-0.68	
LC0012	1.09	0.027	96.5	-0.27	
LC0013	-	-	-	-	
LC0014	0.934	0.277	82.7	-1.33	
LC0015	1.22	0.244	108	0.61	
LC0016	-	-	-	-	
LC0017	1.36	0.271	120	1.57	
LC0018	1.15	0.35	102	0.14	
LC0019	1.3	0.39	115	1.16	
LC0020	-	-	-	-	
LC0021	1.126	0.169	99.7	-0.03	
LC0022	-	-	-	-	
LC0023	1.15	0.071	102	0.14	

Characteristics of parameter

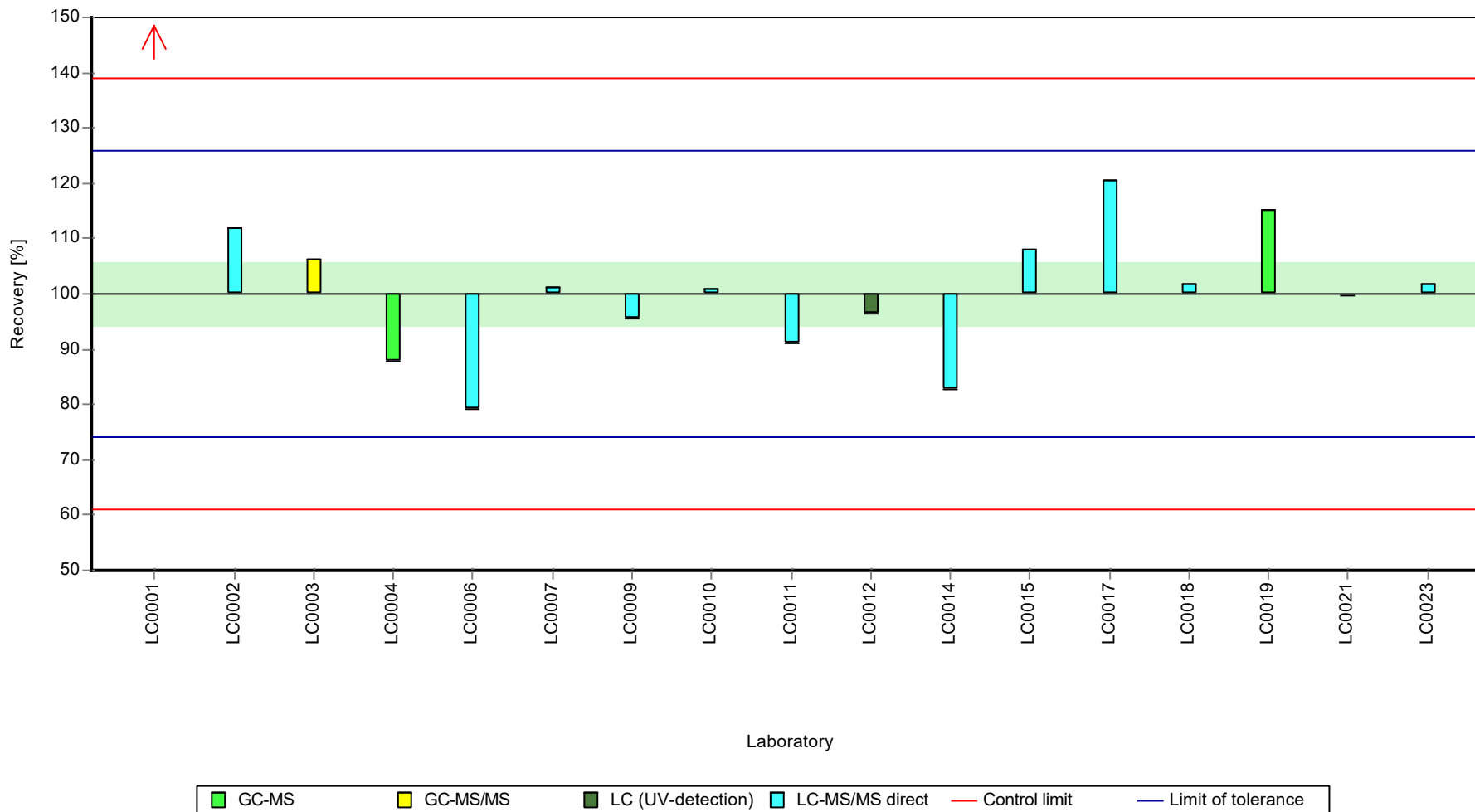
	all results	without outliers	Unit
Mean ± CI (99%)	1.19 ± 0.21	1.13 ± 0.0948	µg/l
Minimum	0.896	0.896	µg/l
Maximum	2.21	1.36	µg/l
Standard deviation	0.289	0.126	µg/l
rel. standard deviation	24.2	11.2	%
n	17	16	-

Graphical presentation of results

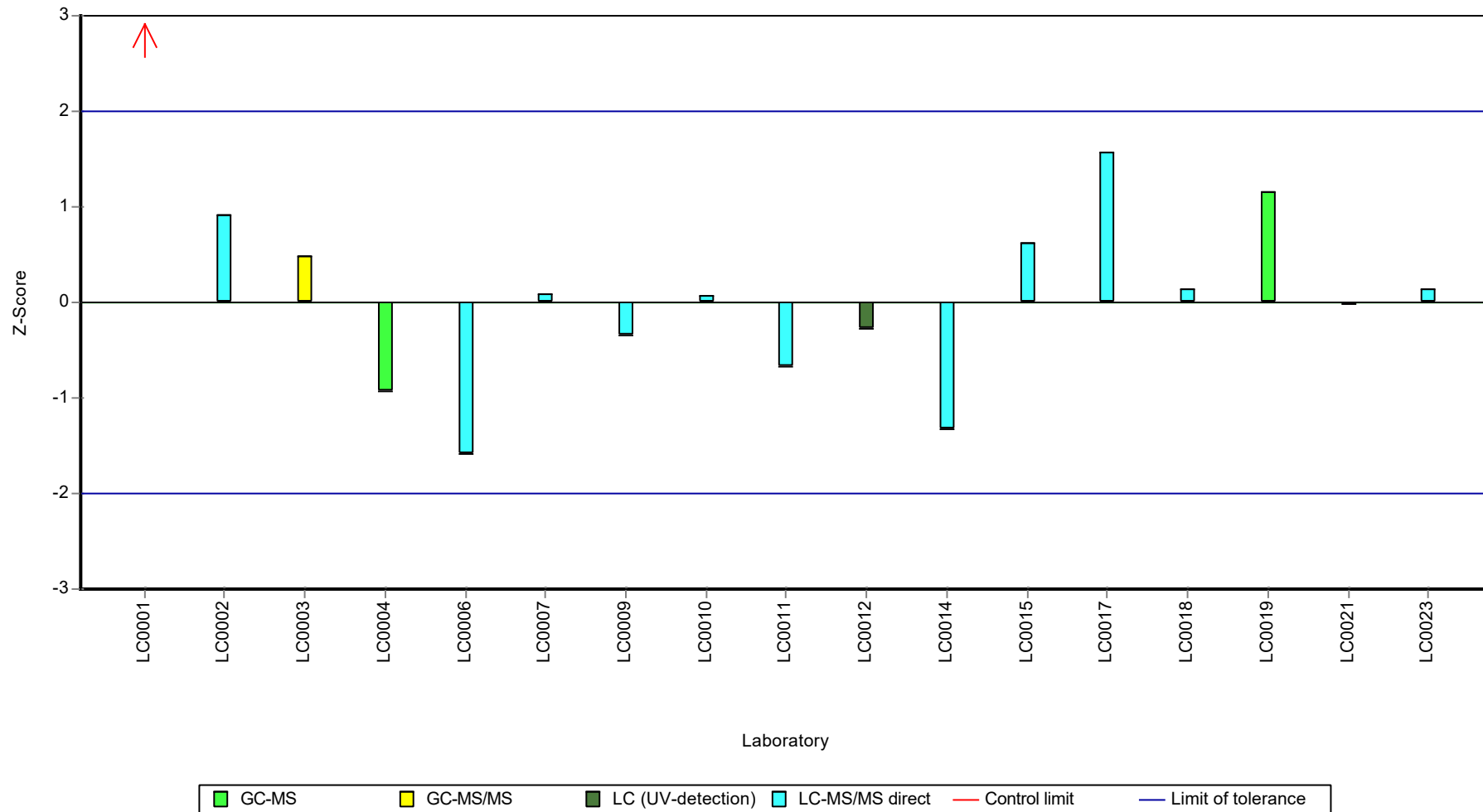
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Sum Chlordane

Unit	µg/l
Assigned value ± U (k=2)	0.202 ± 0.0192
Criterion	0.0606 (30 %)
Minimum - Maximum	0.165 - 0.26
Control test value ± U (k=2)	0.208 ± 0.0917

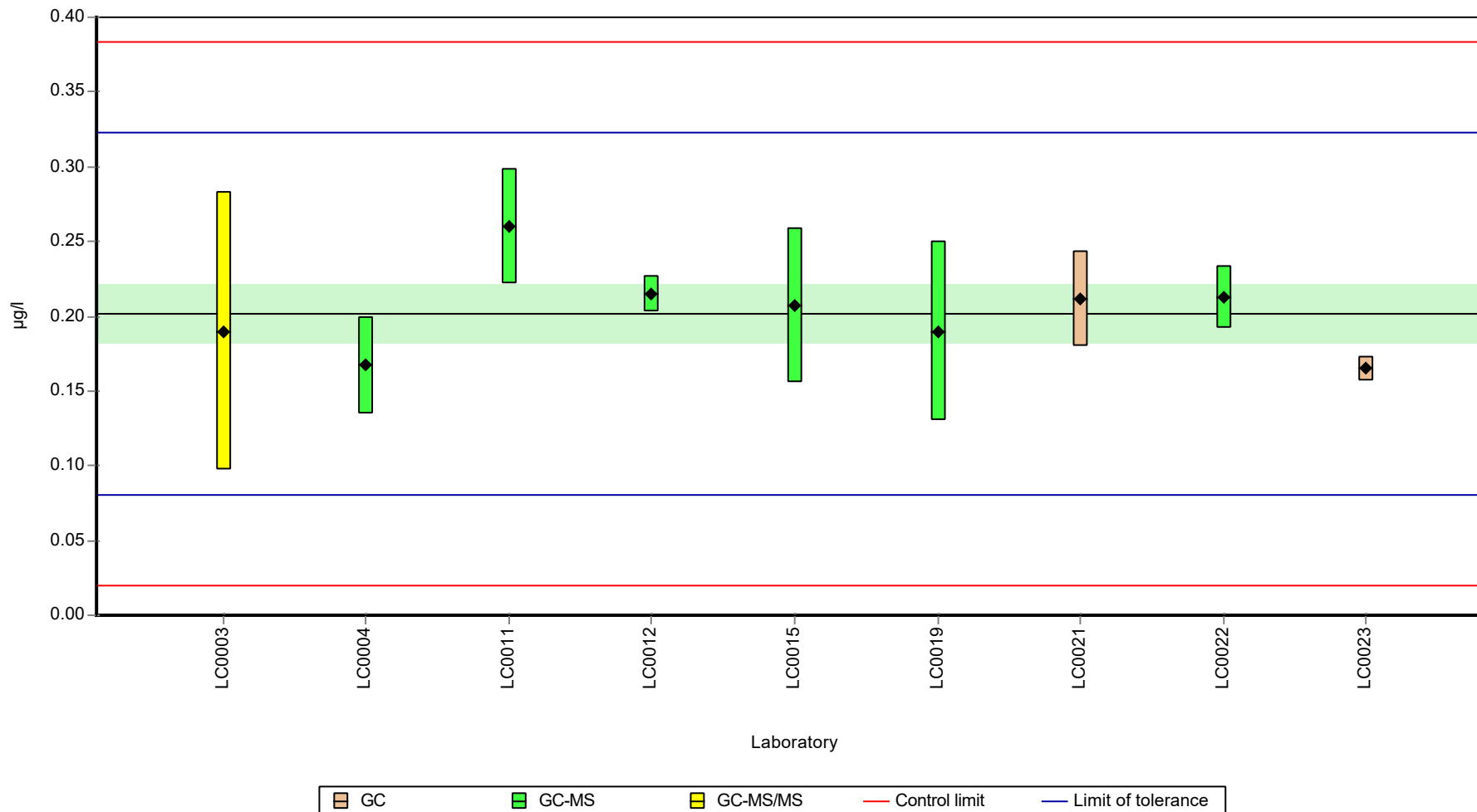
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.19	0.093	94	-0.2	
LC0004	0.167	0.033	82.6	-0.58	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.26	0.039	129	0.95	
LC0012	0.215	0.012	106	0.21	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.207	0.052	102	0.08	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.19	0.06	94	-0.2	
LC0020	-	-	-	-	
LC0021	0.212	0.032	105	0.16	
LC0022	0.213	0.021	105	0.18	
LC0023	0.165	0.0083	81.6	-0.61	

Characteristics of parameter

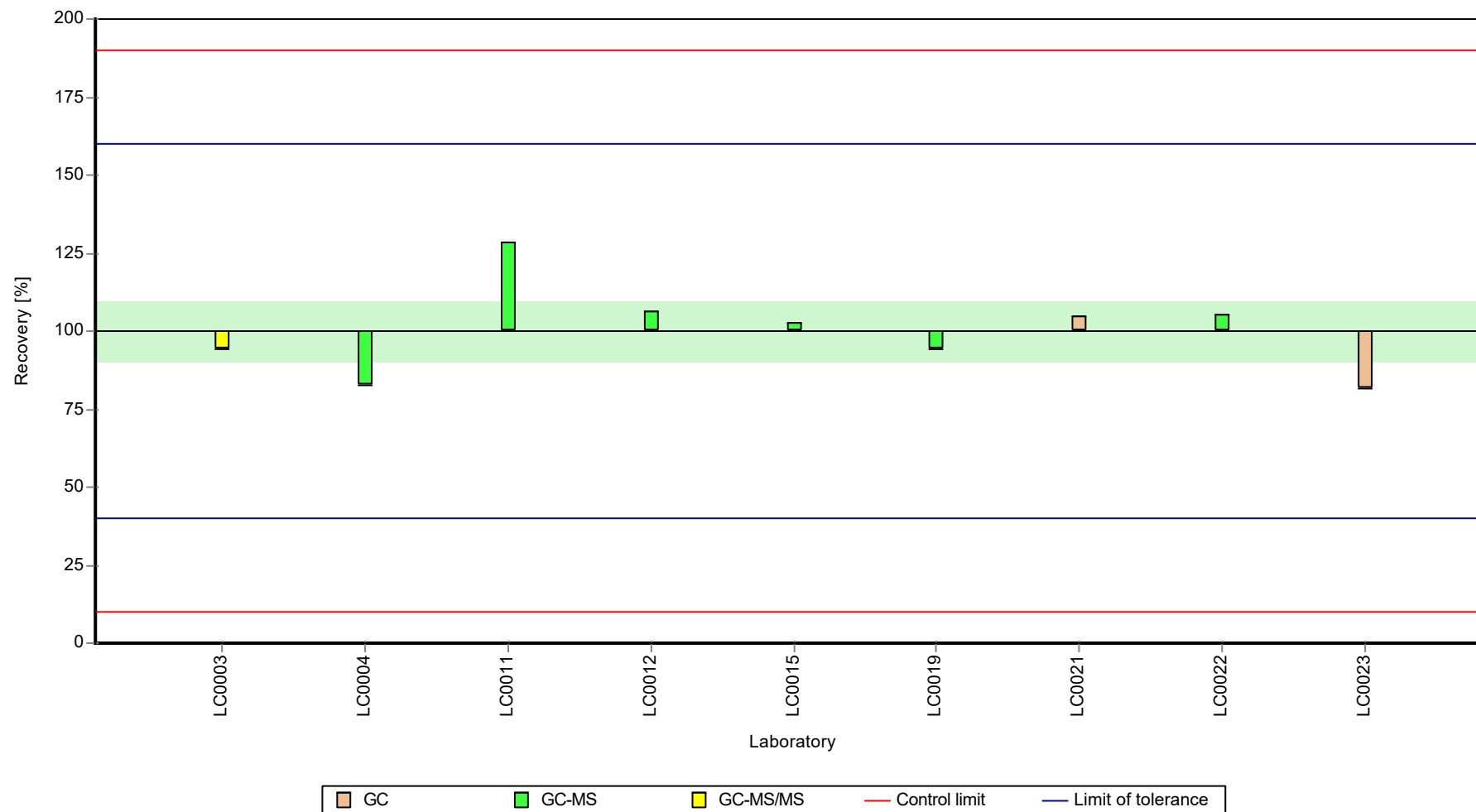
	all results	without outliers	Unit
Mean ± CI (99%)	0.202 ± 0.0289	0.202 ± 0.0289	µg/l
Minimum	0.165	0.165	µg/l
Maximum	0.26	0.26	µg/l
Standard deviation	0.0289	0.0289	µg/l
rel. standard deviation	14.3	14.3	%
n	9	9	-

Graphical presentation of results

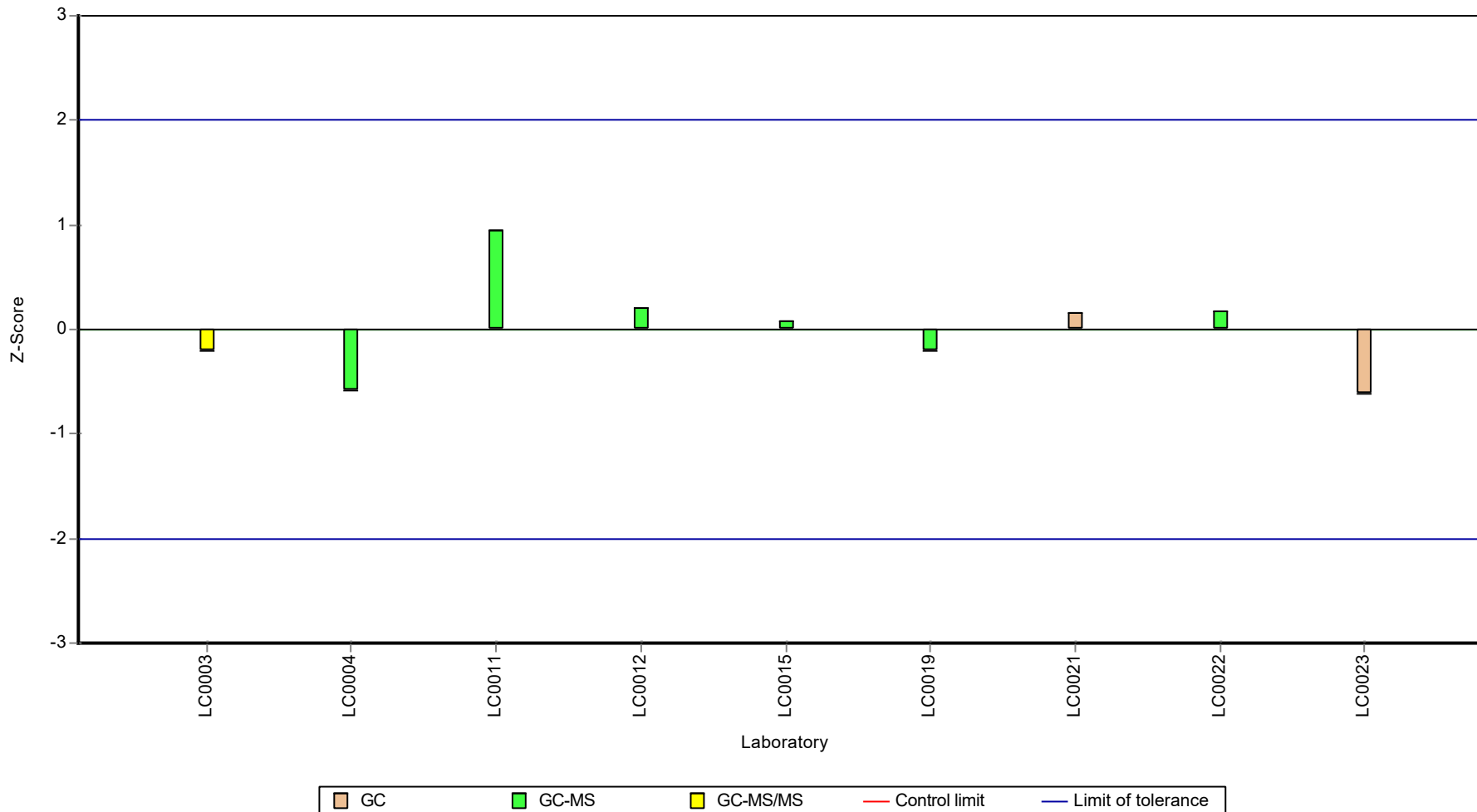
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Sum Chlordane

Unit	µg/l
Assigned value ± U (k=2)	0.648 ± 0.0951
Criterion	0.194 (30 %)
Minimum - Maximum	0.492 - 0.856
Control test value ± U (k=2)	0.596 ± 0.262

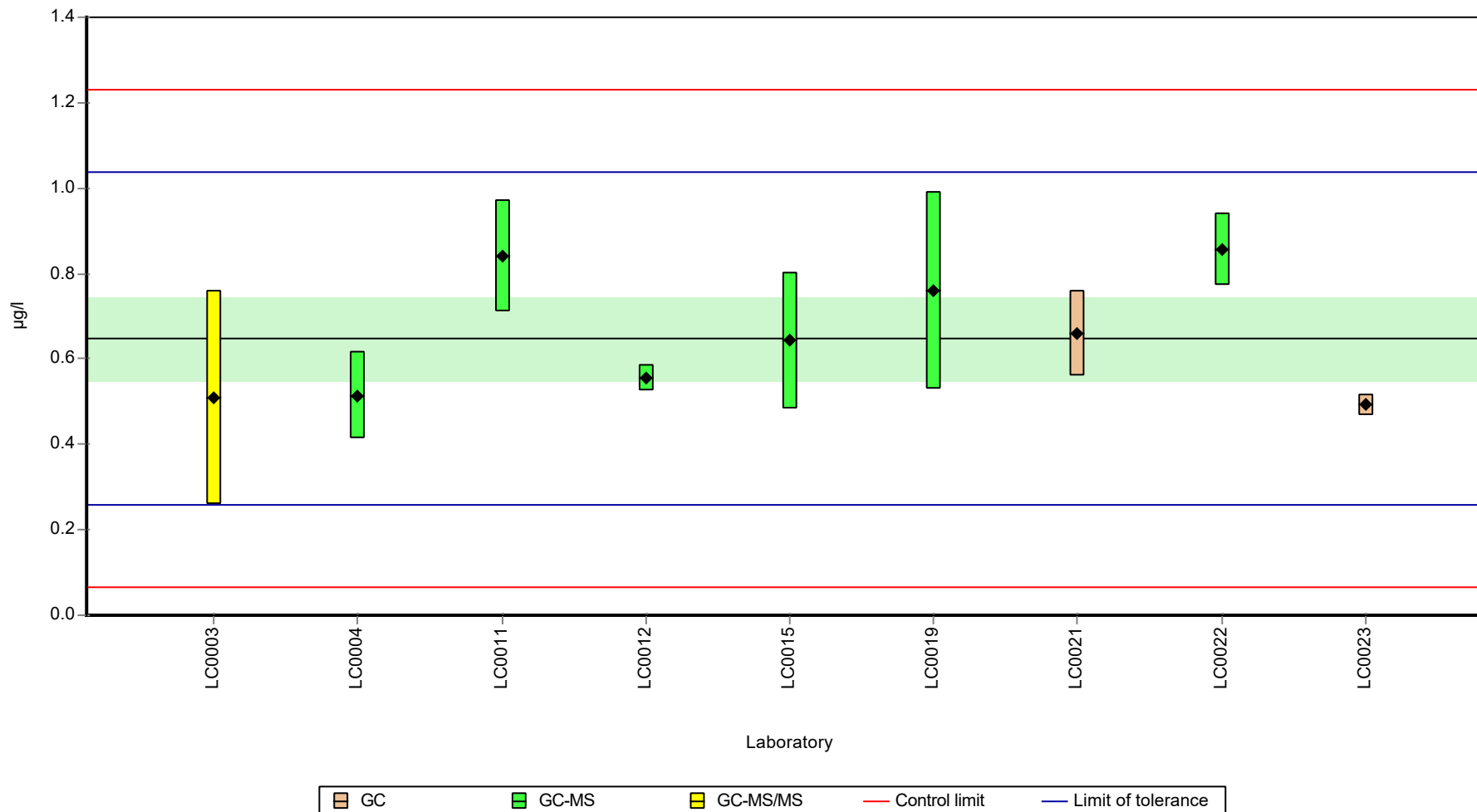
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.51	0.25	78.7	-0.71	
LC0004	0.514	0.103	79.4	-0.69	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.84	0.13	130	0.99	
LC0012	0.555	0.031	85.7	-0.48	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.643	0.161	99.3	-0.02	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.76	0.23	117	0.58	
LC0020	-	-	-	-	
LC0021	0.659	0.099	102	0.06	
LC0022	0.856	0.086	132	1.07	
LC0023	0.492	0.025	76	-0.8	

Characteristics of parameter

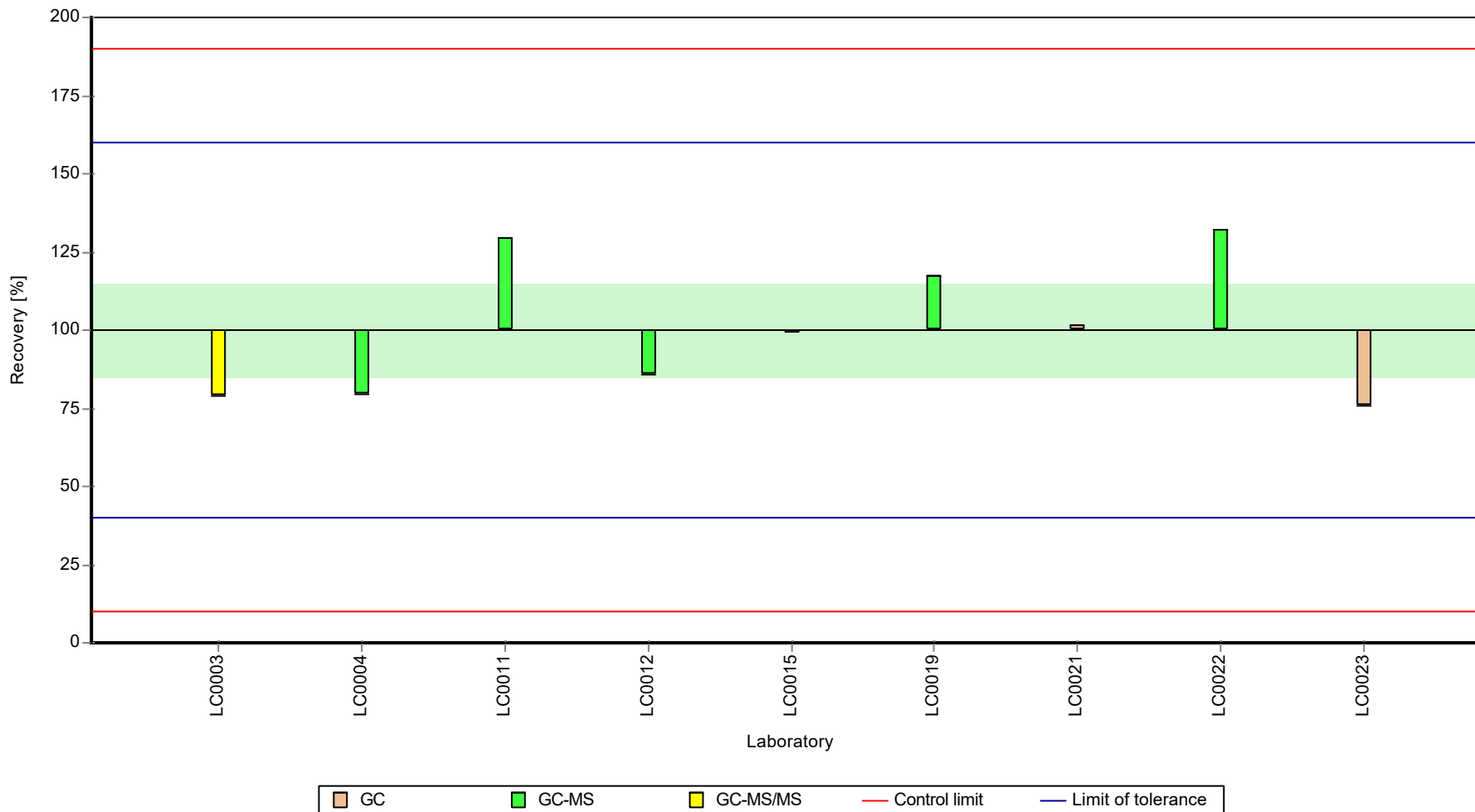
	all results	without outliers	Unit
Mean ± CI (99%)	0.648 ± 0.143	0.648 ± 0.143	µg/l
Minimum	0.492	0.492	µg/l
Maximum	0.856	0.856	µg/l
Standard deviation	0.143	0.143	µg/l
rel. standard deviation	22	22	%
n	9	9	-

Graphical presentation of results

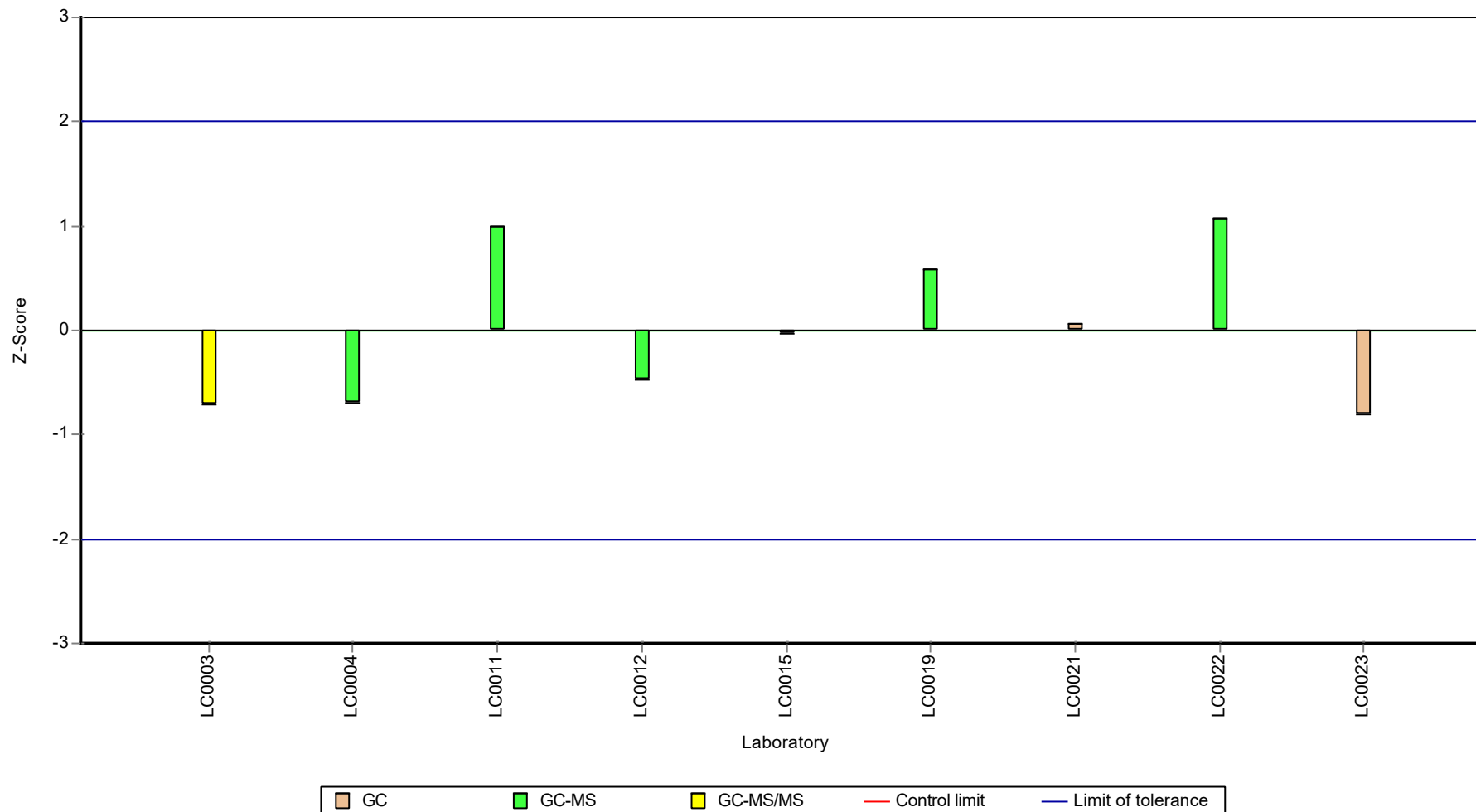
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Sum DDD

Unit	µg/l
Assigned value ± U (k=2)	0.734 ± 0.0881
Criterion	0.272 (37 %)
Minimum - Maximum	0.55 - 0.86
Control test value ± U (k=2)	0.684 ± 0.273

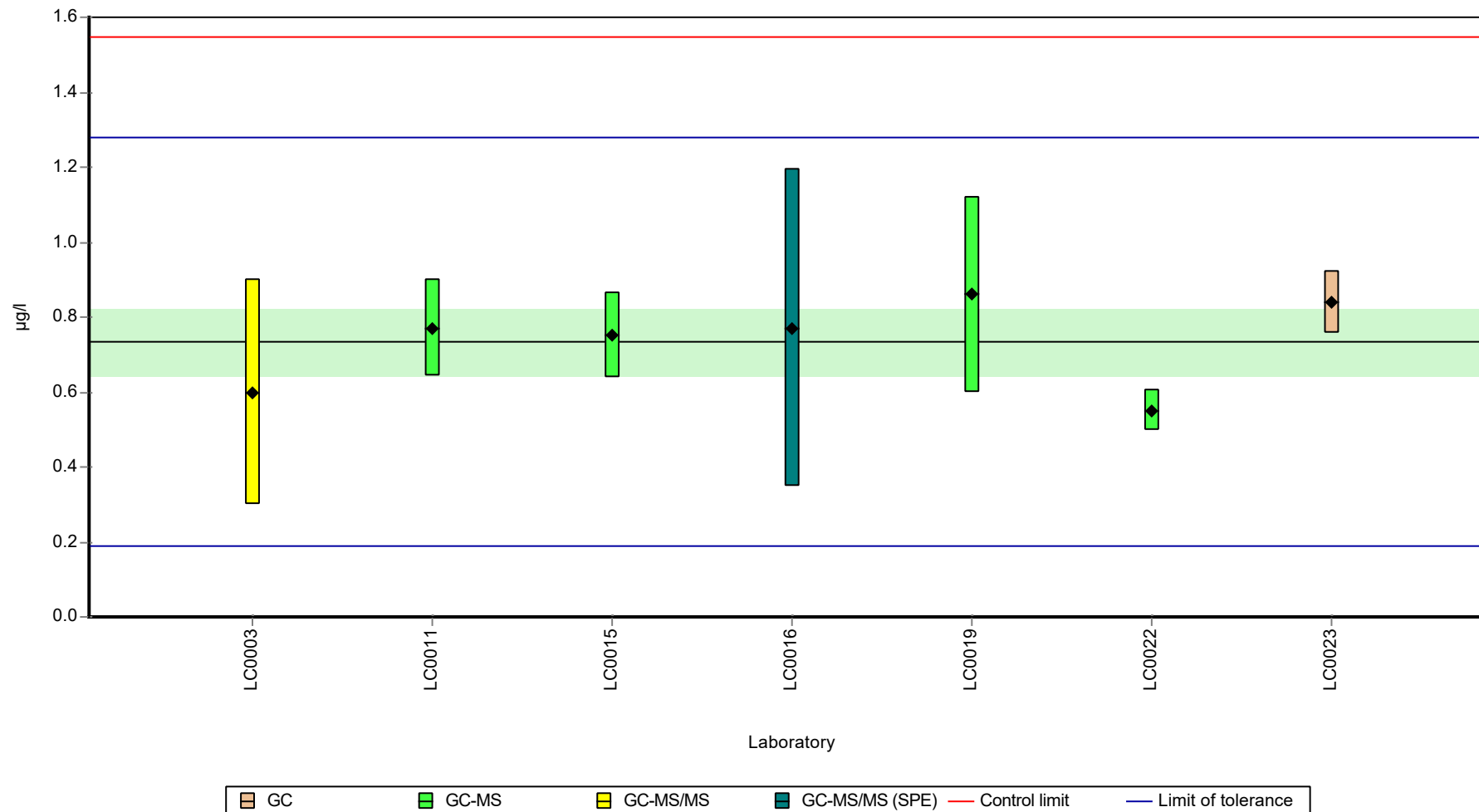
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.6	0.3	81.7	-0.49	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.771	0.13	105	0.14	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.751	0.113	102	0.06	
LC0016	0.77	0.424	105	0.13	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.86	0.26	117	0.46	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.55	0.055	74.9	-0.68	
LC0023	0.838	0.084	114	0.38	

Characteristics of parameter

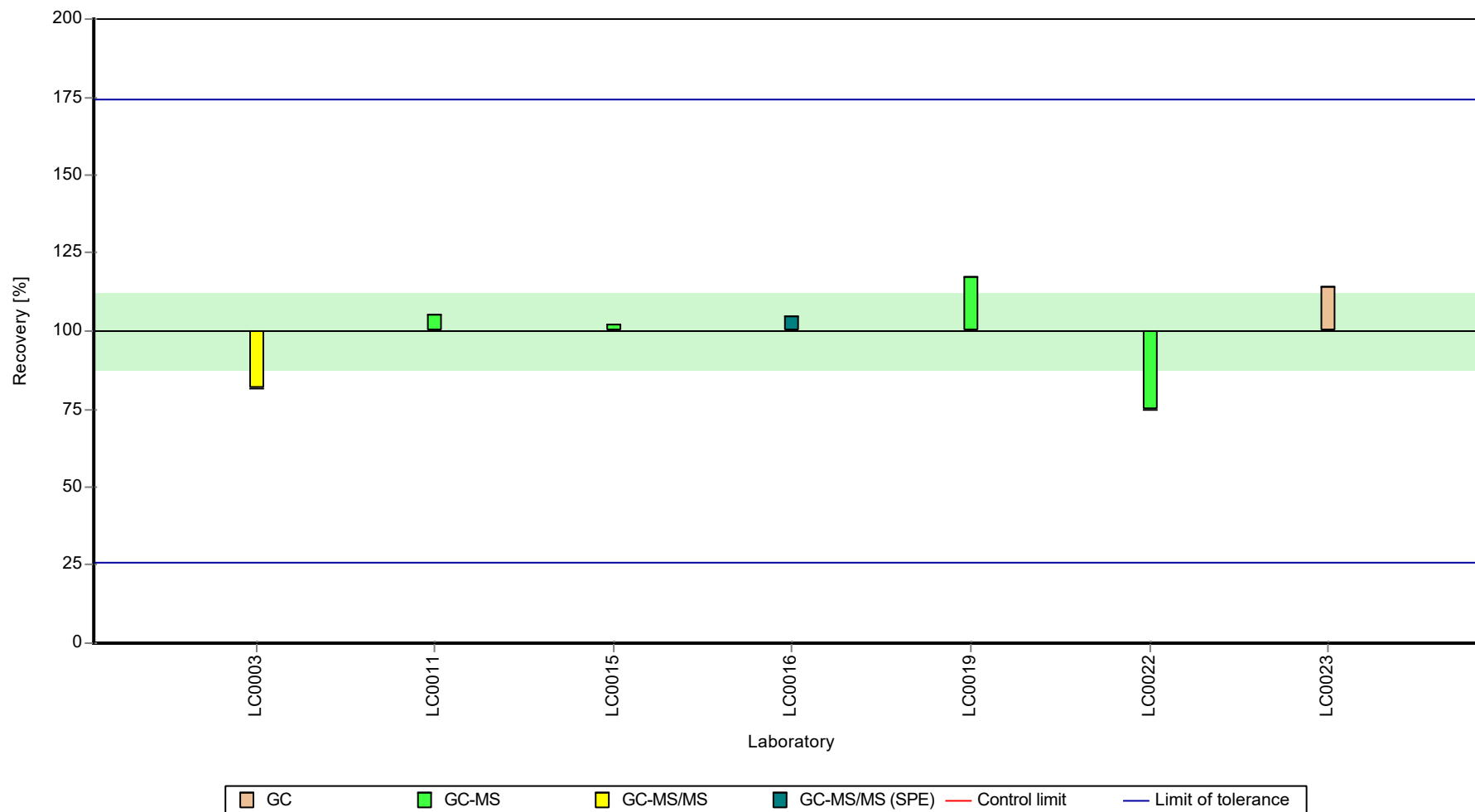
	all results	without outliers	Unit
Mean ± CI (99%)	0.734 ± 0.132	0.734 ± 0.132	µg/l
Minimum	0.55	0.55	µg/l
Maximum	0.86	0.86	µg/l
Standard deviation	0.117	0.117	µg/l
rel. standard deviation	15.9	15.9	%
n	7	7	-

Graphical presentation of results

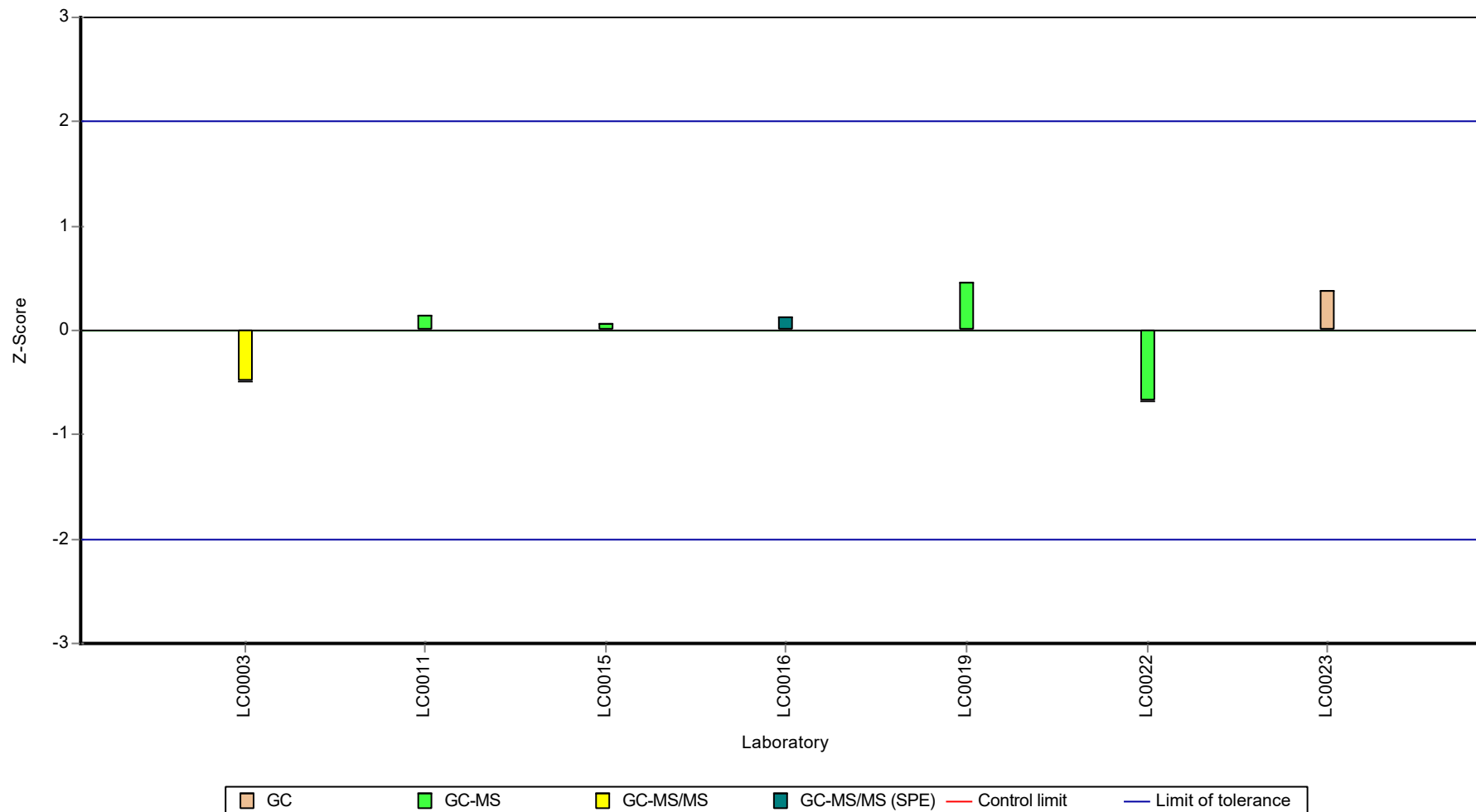
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Sum DDD

Unit	µg/l
Assigned value ± U (k=2)	0.792 ± 0.138
Criterion	0.293 (37 %)
Minimum - Maximum	0.578 - 1.08
Control test value ± U (k=2)	0.775 ± 0.31

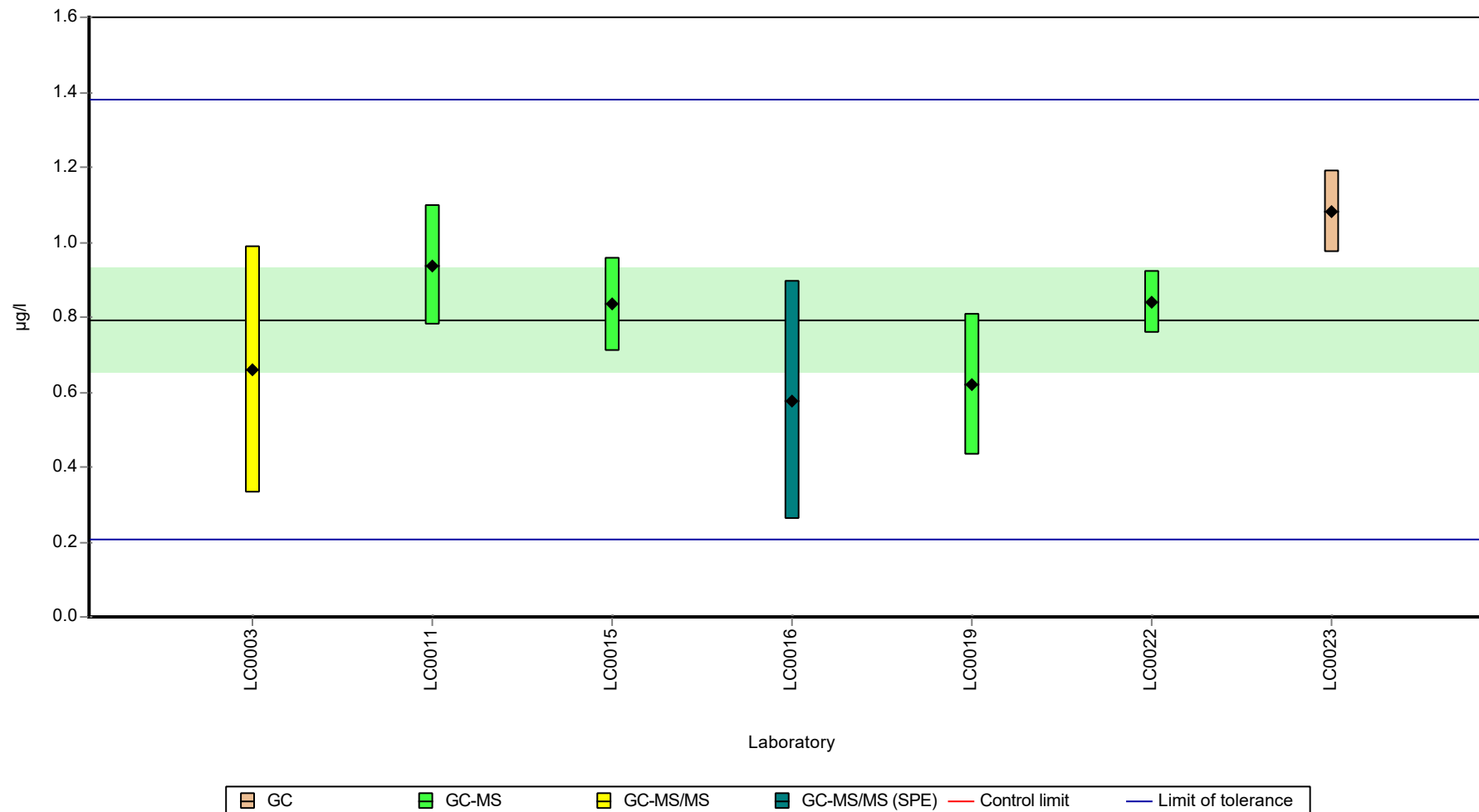
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.66	0.33	83.3	-0.45	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.937	0.16	118	0.49	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.833	0.125	105	0.14	
LC0016	0.578	0.318	73	-0.73	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.62	0.19	78.3	-0.59	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	0.838	0.084	106	0.16	
LC0023	1.08	0.11	136	0.98	

Characteristics of parameter

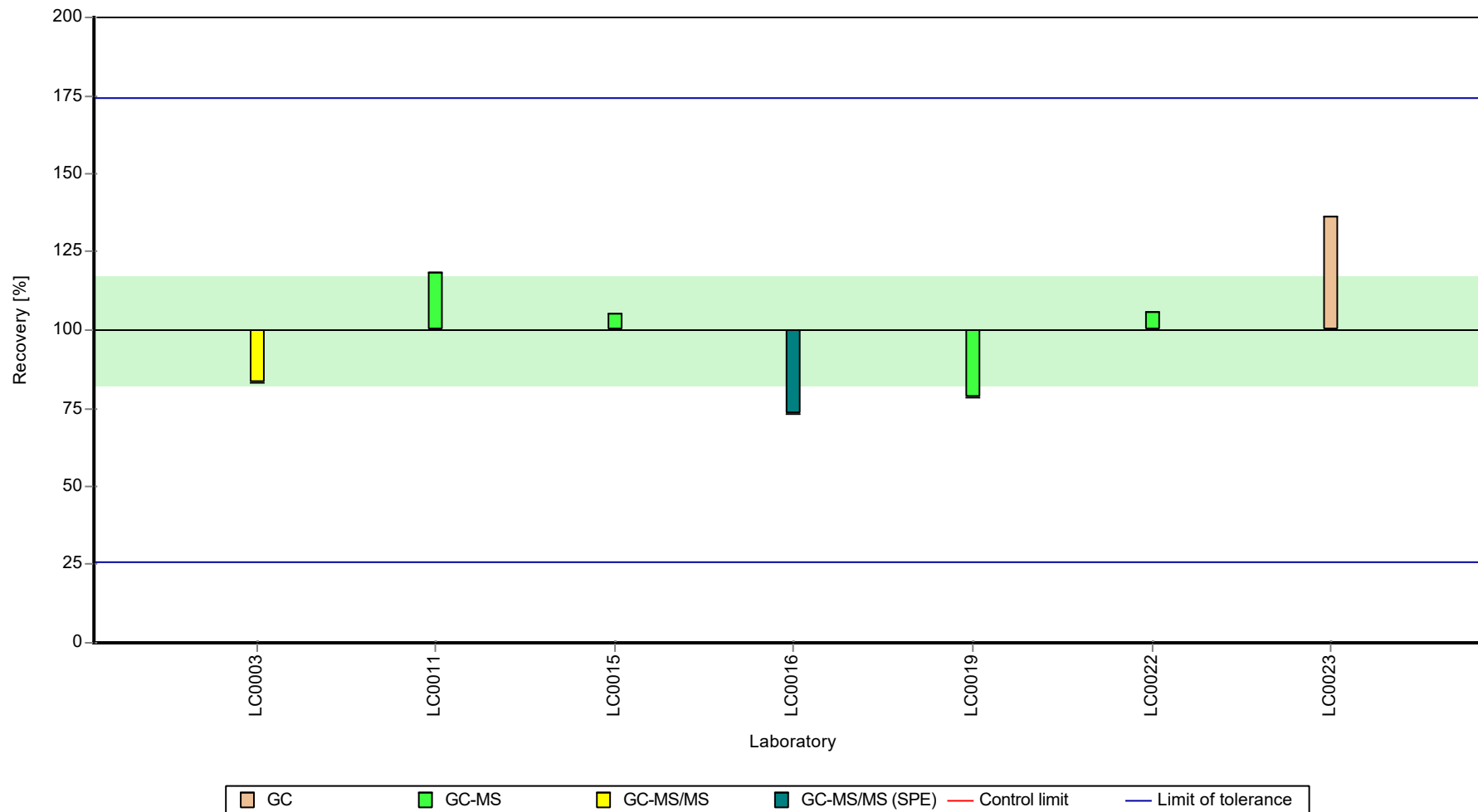
	all results	without outliers	Unit
Mean ± CI (99%)	0.792 ± 0.207	0.792 ± 0.207	µg/l
Minimum	0.578	0.578	µg/l
Maximum	1.08	1.08	µg/l
Standard deviation	0.183	0.183	µg/l
rel. standard deviation	23.1	23.1	%
n	7	7	-

Graphical presentation of results

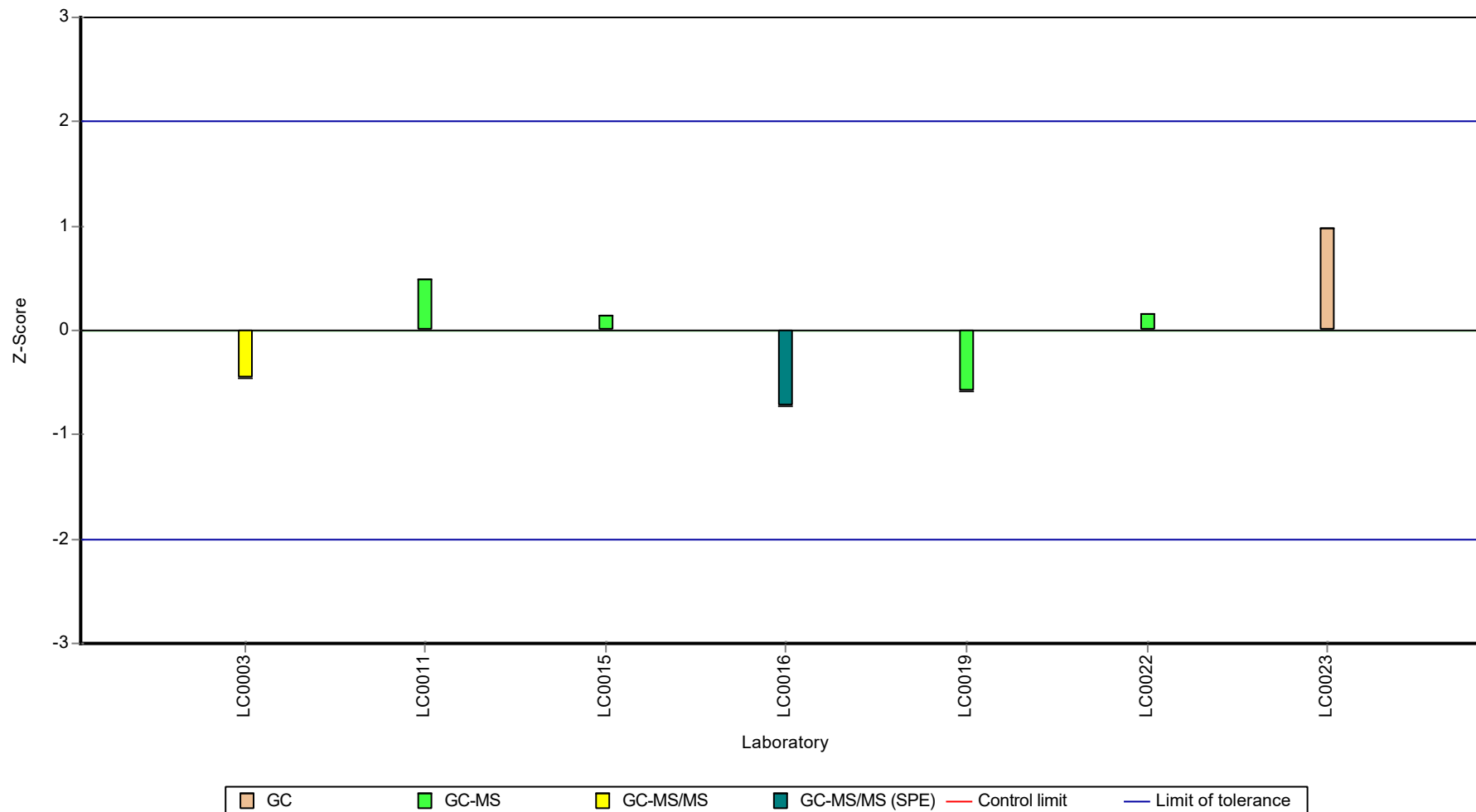
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Sum DDE

Unit	µg/l
Assigned value ± U (k=2)	0.74 ± 0.0897
Criterion	0.274 (37 %)
Minimum - Maximum	0.544 - 0.964
Control test value ± U (k=2)	0.701 ± 0.217

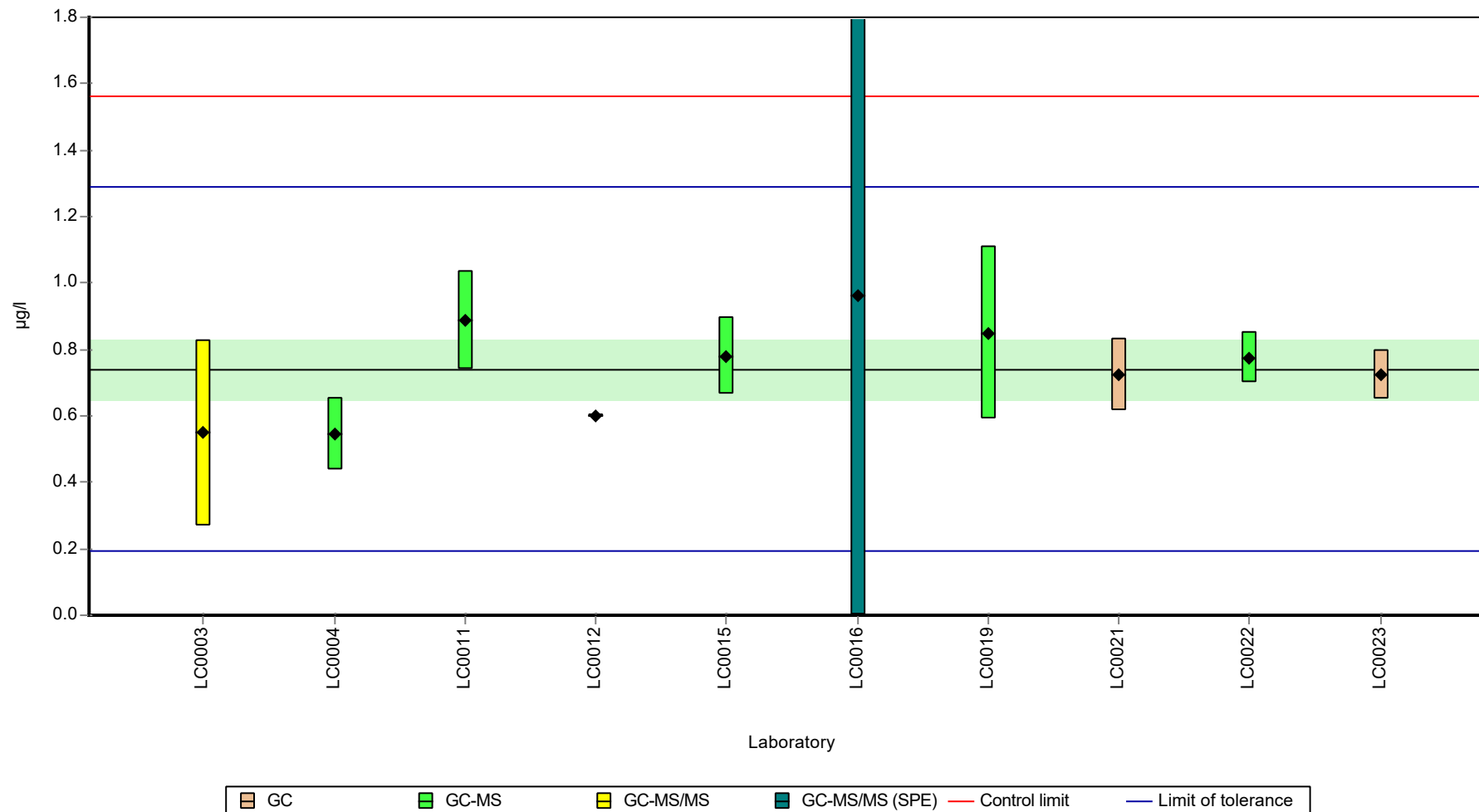
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.55	0.28	74.3	-0.69	
LC0004	0.544	0.109	73.5	-0.72	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.887	0.15	120	0.54	
LC0012	0.601	0.006	81.2	-0.51	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.78	0.117	105	0.15	
LC0016	0.964	0.964	130	0.82	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.85	0.26	115	0.4	
LC0020	-	-	-	-	
LC0021	0.726	0.109	98.1	-0.05	
LC0022	0.775	0.078	105	0.13	
LC0023	0.724	0.072	97.8	-0.06	

Characteristics of parameter

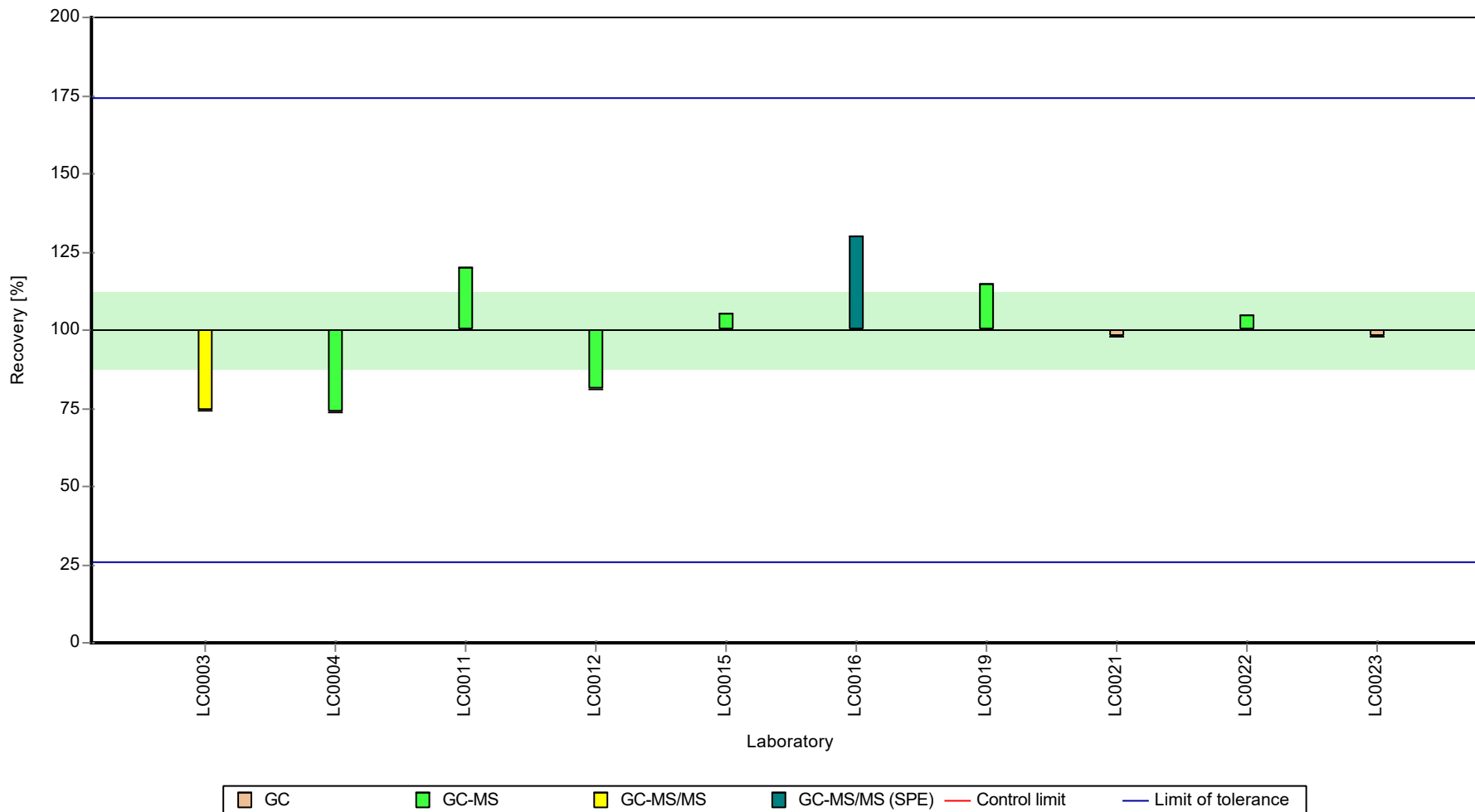
	all results	without outliers	Unit
Mean ± CI (99%)	0.74 ± 0.135	0.74 ± 0.135	µg/l
Minimum	0.544	0.544	µg/l
Maximum	0.964	0.964	µg/l
Standard deviation	0.142	0.142	µg/l
rel. standard deviation	19.2	19.2	%
n	10	10	-

Graphical presentation of results

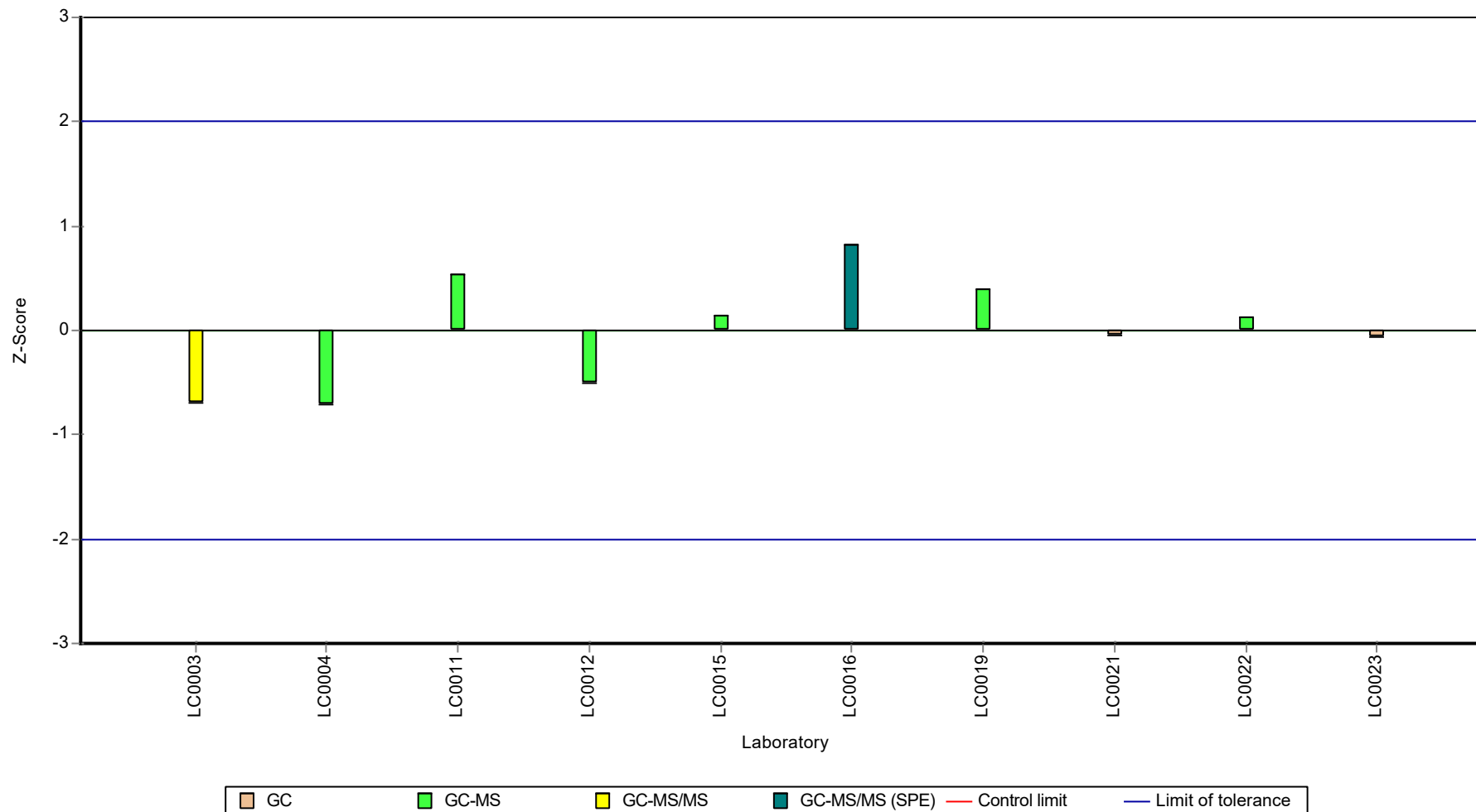
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Sum DDE

Unit	µg/l
Assigned value ± U (k=2)	0.672 ± 0.0945
Criterion	0.249 (37 %)
Minimum - Maximum	0.46 - 0.912
Control test value ± U (k=2)	0.666 ± 0.206

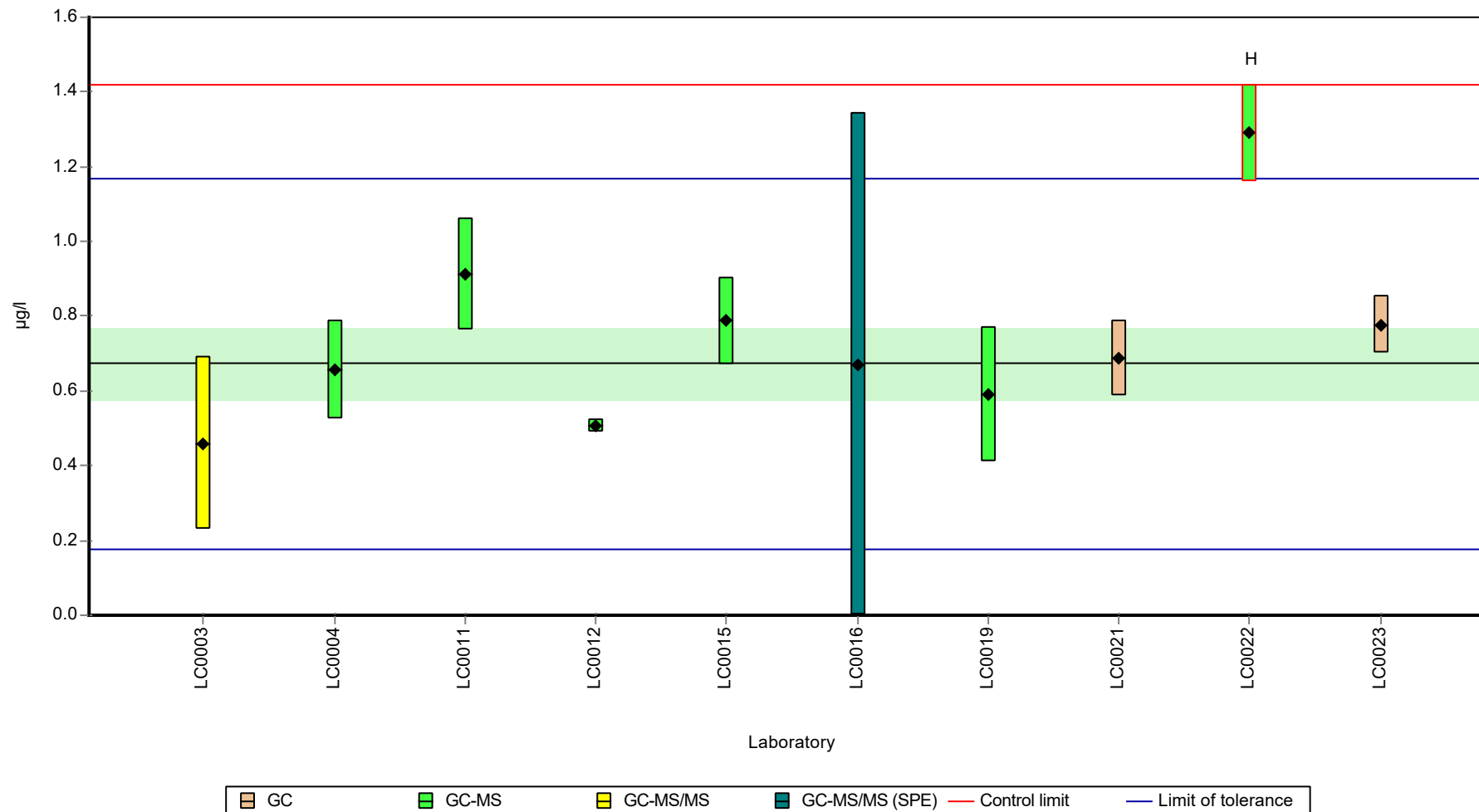
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.46	0.23	68.4	-0.85	
LC0004	0.657	0.131	97.7	-0.06	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.912	0.15	136	0.96	
LC0012	0.508	0.018	75.6	-0.66	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.787	0.118	117	0.46	
LC0016	0.672	0.672	100	0.00	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.59	0.18	87.8	-0.33	
LC0020	-	-	-	-	
LC0021	0.688	0.103	102	0.06	
LC0022	1.29	0.129	192	2.48	H
LC0023	0.777	0.078	116	0.42	

Characteristics of parameter

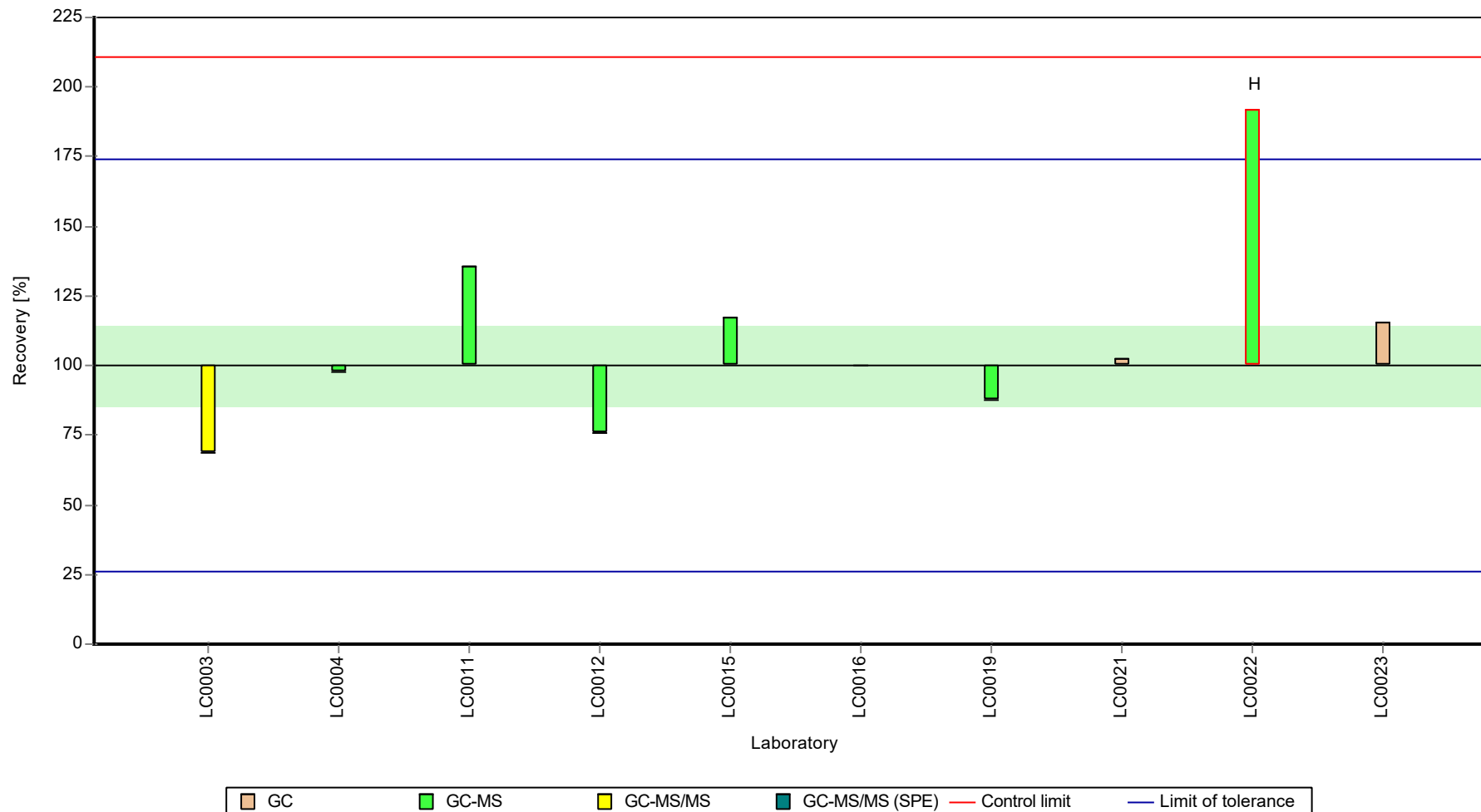
	all results	without outliers	Unit
Mean ± CI (99%)	0.734 ± 0.225	0.672 ± 0.142	µg/l
Minimum	0.46	0.46	µg/l
Maximum	1.29	0.912	µg/l
Standard deviation	0.237	0.142	µg/l
rel. standard deviation	32.2	21.1	%
n	10	9	-

Graphical presentation of results

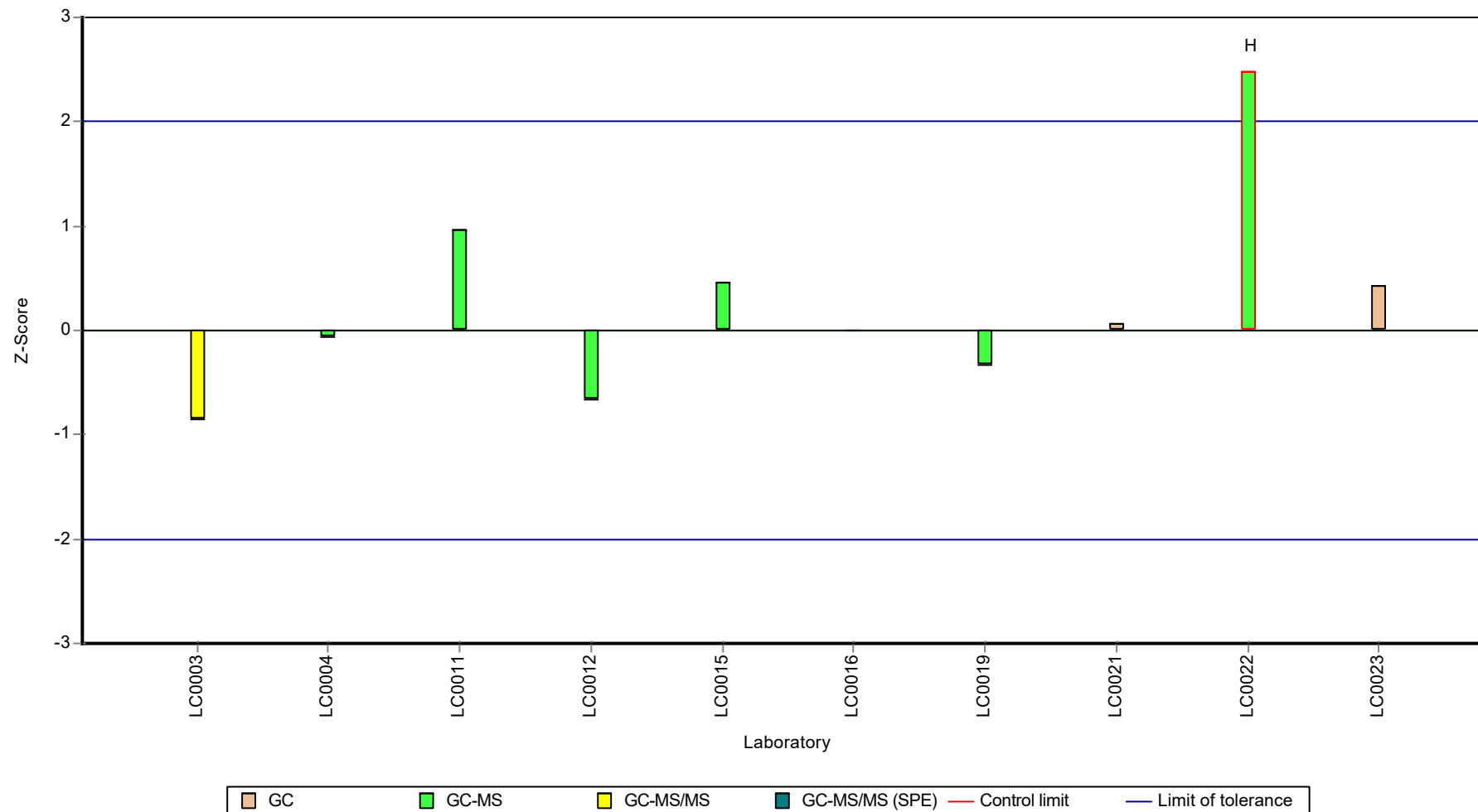
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Sum DDT

Unit	µg/l
Assigned value ± U (k=2)	0.513 ± 0.0499
Criterion	0.2 (39 %)
Minimum - Maximum	0.405 - 0.655
Control test value ± U (k=2)	0.591 ± 0.254

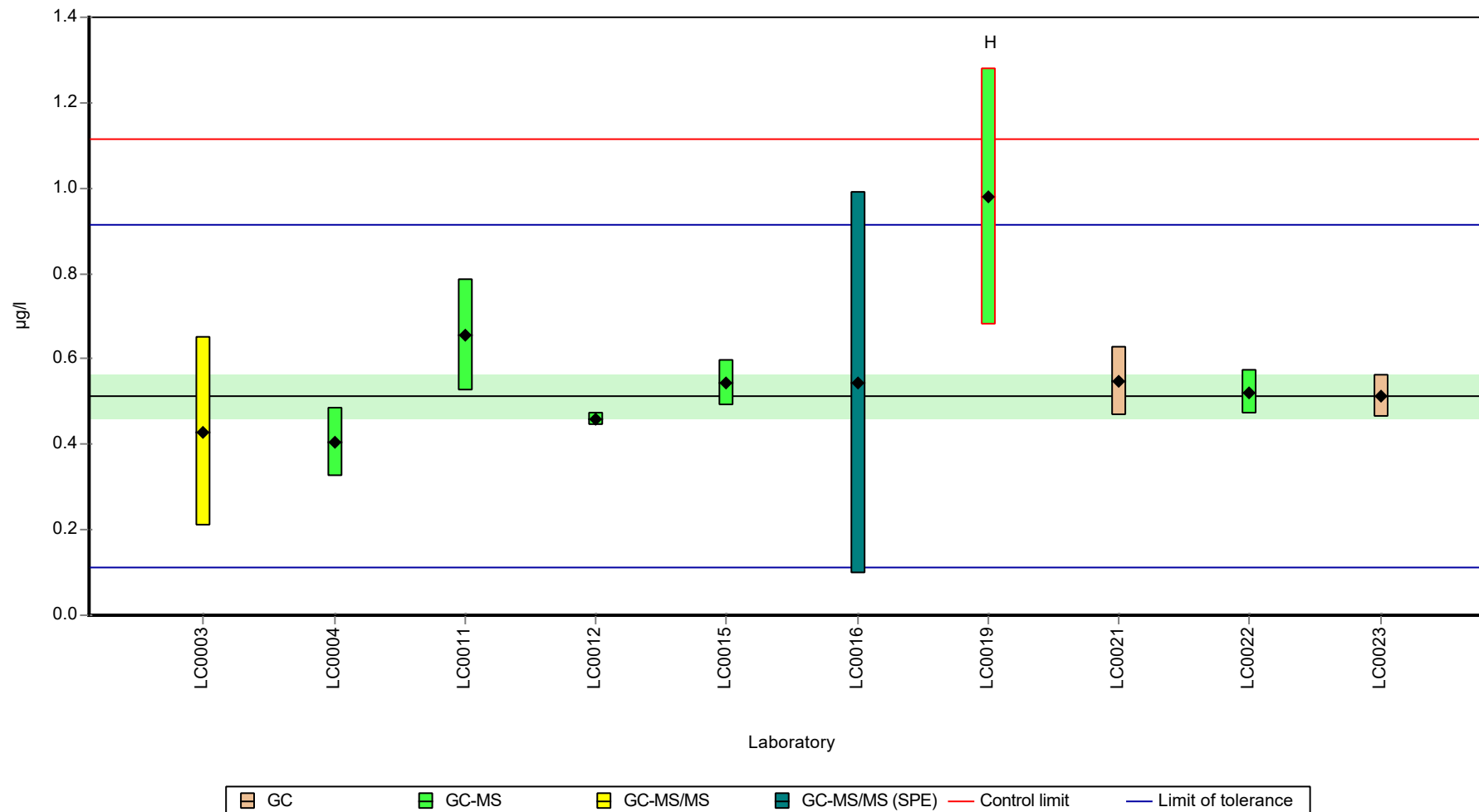
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.43	0.22	83.8	-0.42	
LC0004	0.405	0.081	78.9	-0.54	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.655	0.13	128	0.71	
LC0012	0.458	0.016	89.2	-0.28	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.544	0.054	106	0.15	
LC0016	0.544	0.446	106	0.15	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.98	0.3	191	2.33	H
LC0020	-	-	-	-	
LC0021	0.547	0.082	107	0.17	
LC0022	0.522	0.052	102	0.04	
LC0023	0.514	0.051	100	0.00	

Characteristics of parameter

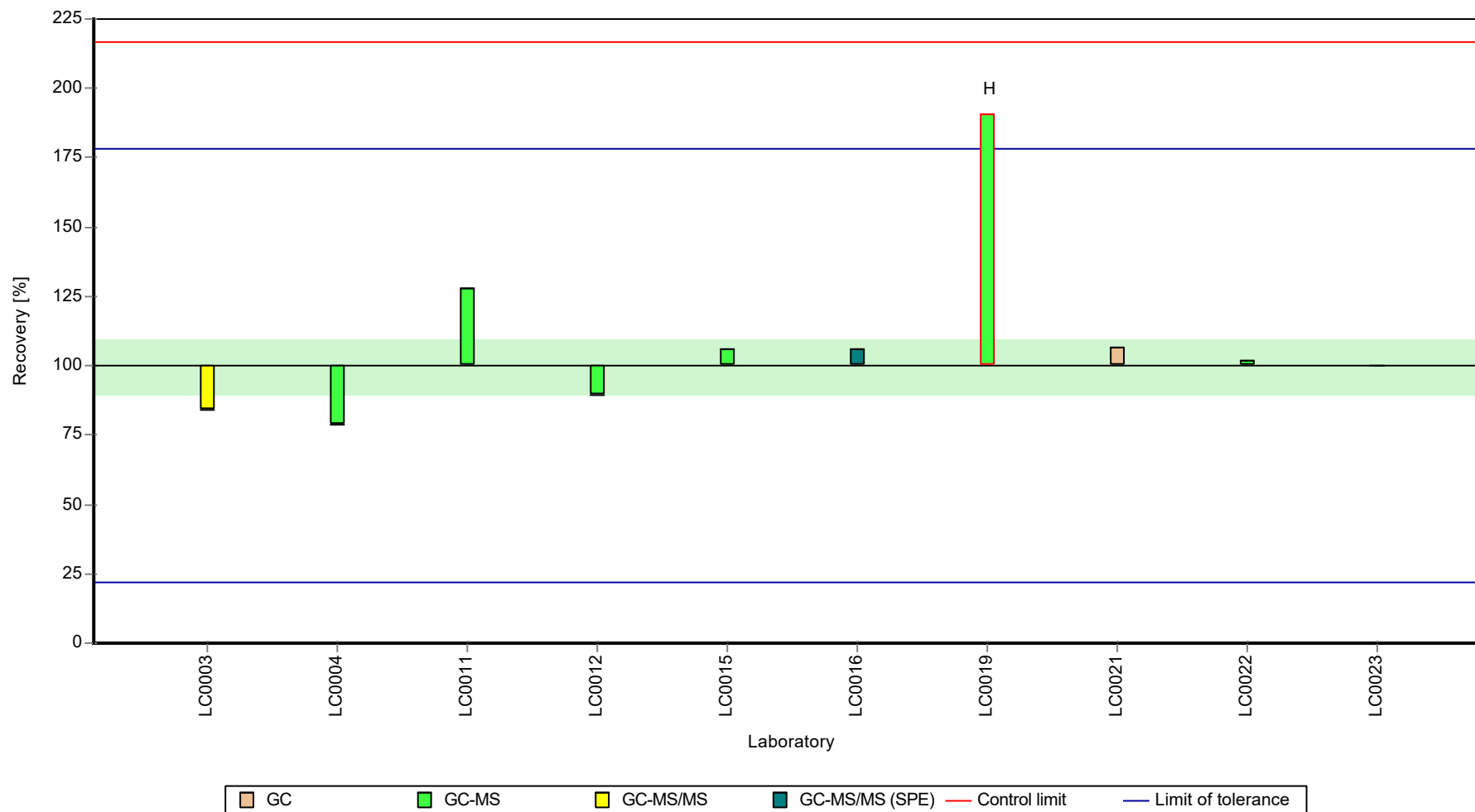
	all results	without outliers	Unit
Mean ± CI (99%)	0.56 ± 0.155	0.513 ± 0.0749	µg/l
Minimum	0.405	0.405	µg/l
Maximum	0.98	0.655	µg/l
Standard deviation	0.164	0.0749	µg/l
rel. standard deviation	29.2	14.6	%
n	10	9	-

Graphical presentation of results

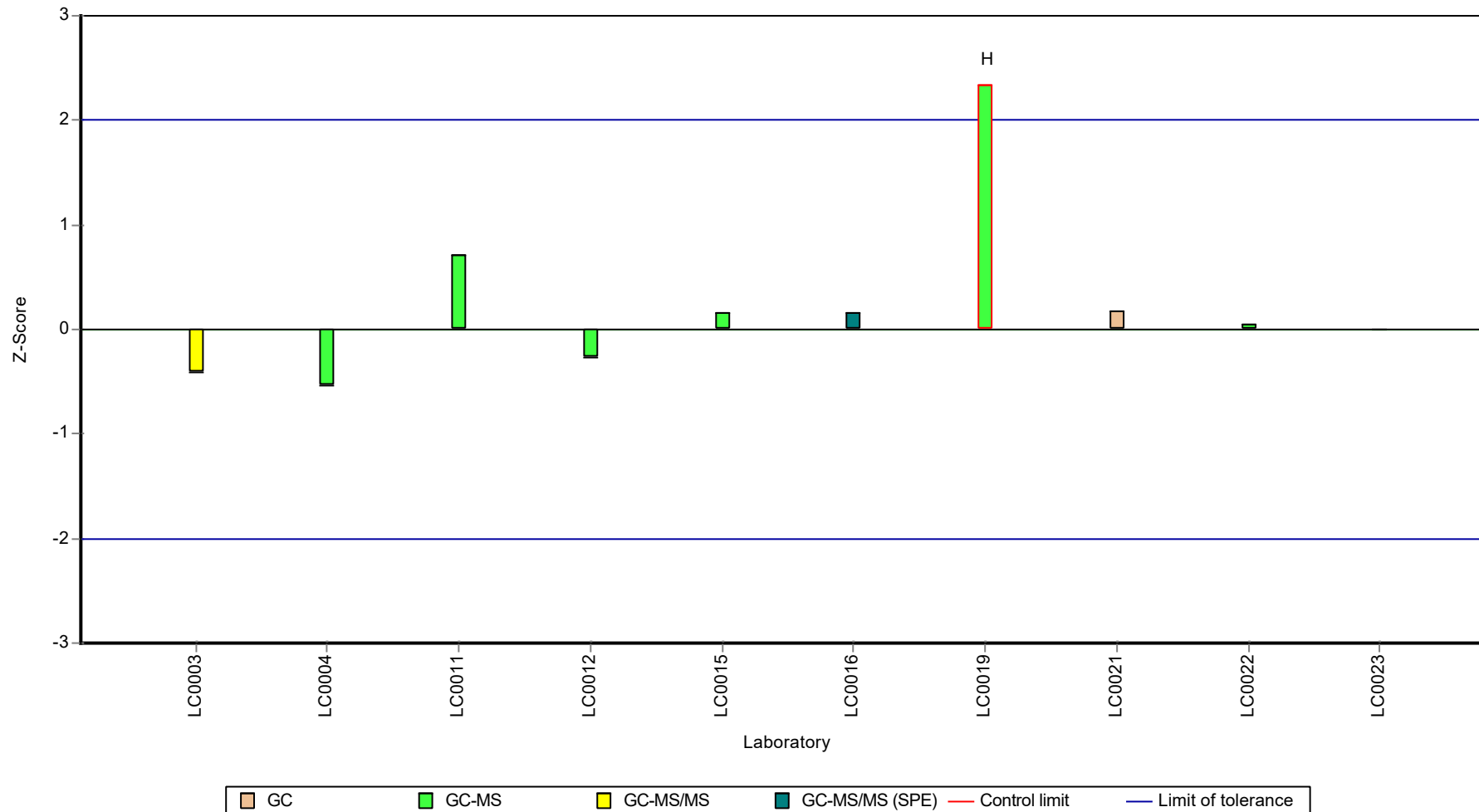
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Sum DDT

Unit	µg/l
Assigned value ± U (k=2)	0.633 ± 0.147
Criterion	0.247 (39 %)
Minimum - Maximum	0.39 - 1.19
Control test value ± U (k=2)	0.585 ± 0.251

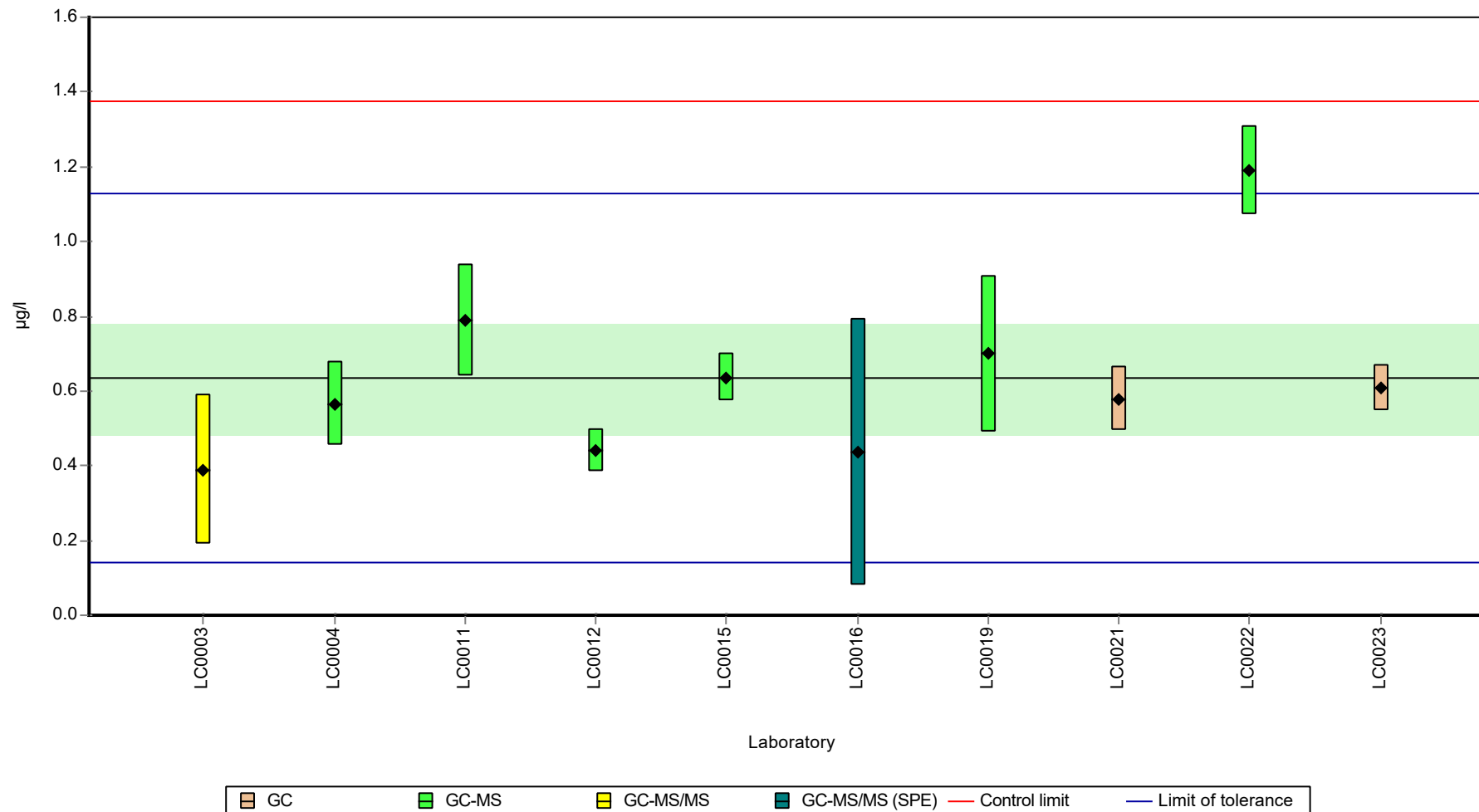
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.39	0.2	61.6	-0.98	
LC0004	0.565	0.113	89.2	-0.28	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.791	0.15	125	0.64	
LC0012	0.439	0.057	69.3	-0.79	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.636	0.064	100	0.01	
LC0016	0.435	0.357	68.7	-0.8	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.7	0.21	111	0.27	
LC0020	-	-	-	-	
LC0021	0.579	0.087	91.4	-0.22	
LC0022	1.19	0.119	188	2.25	
LC0023	0.608	0.061	96	-0.1	

Characteristics of parameter

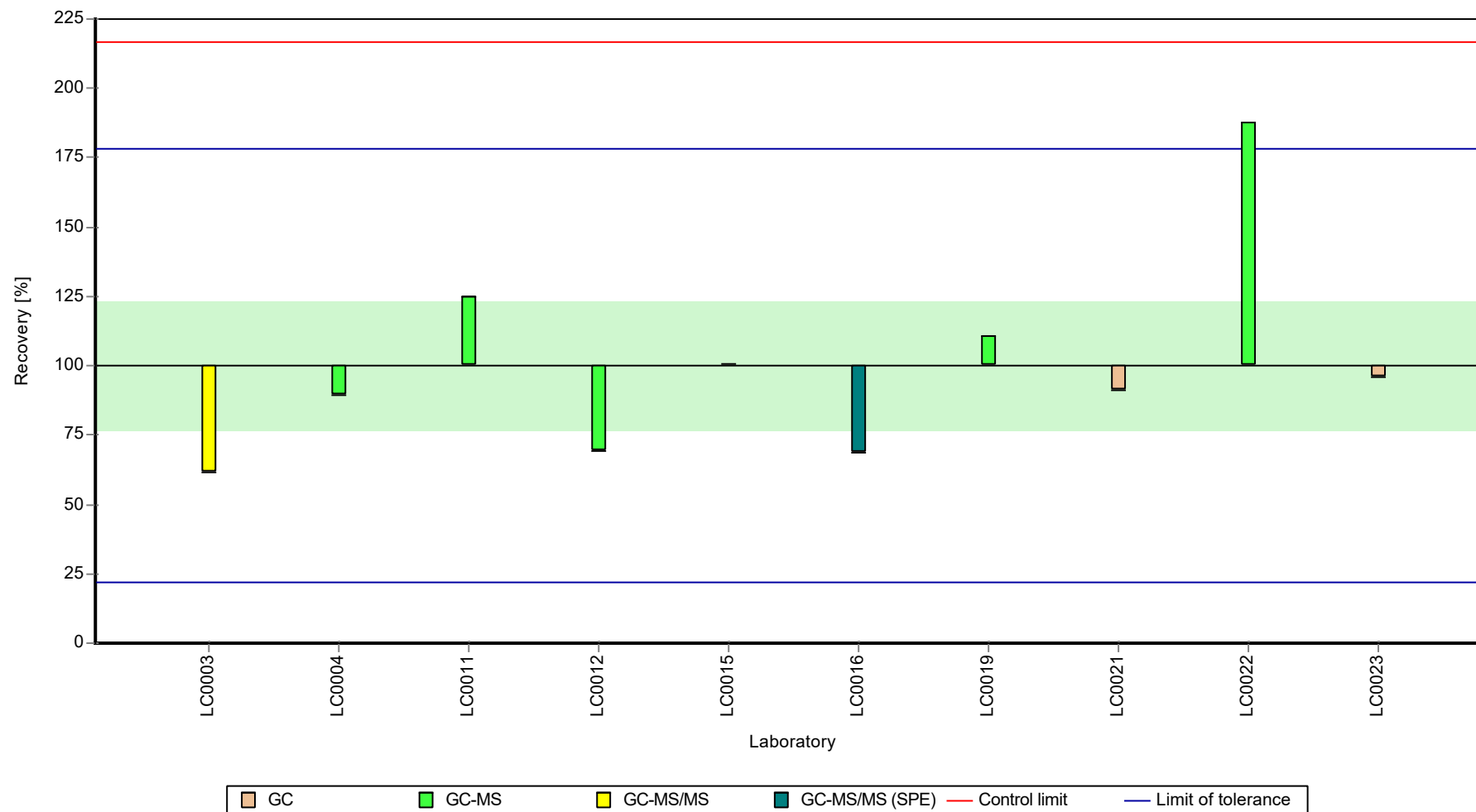
	all results	without outliers	Unit
Mean ± CI (99%)	0.633 ± 0.22	0.633 ± 0.22	µg/l
Minimum	0.39	0.39	µg/l
Maximum	1.19	1.19	µg/l
Standard deviation	0.232	0.232	µg/l
rel. standard deviation	36.6	36.6	%
n	10	10	-

Graphical presentation of results

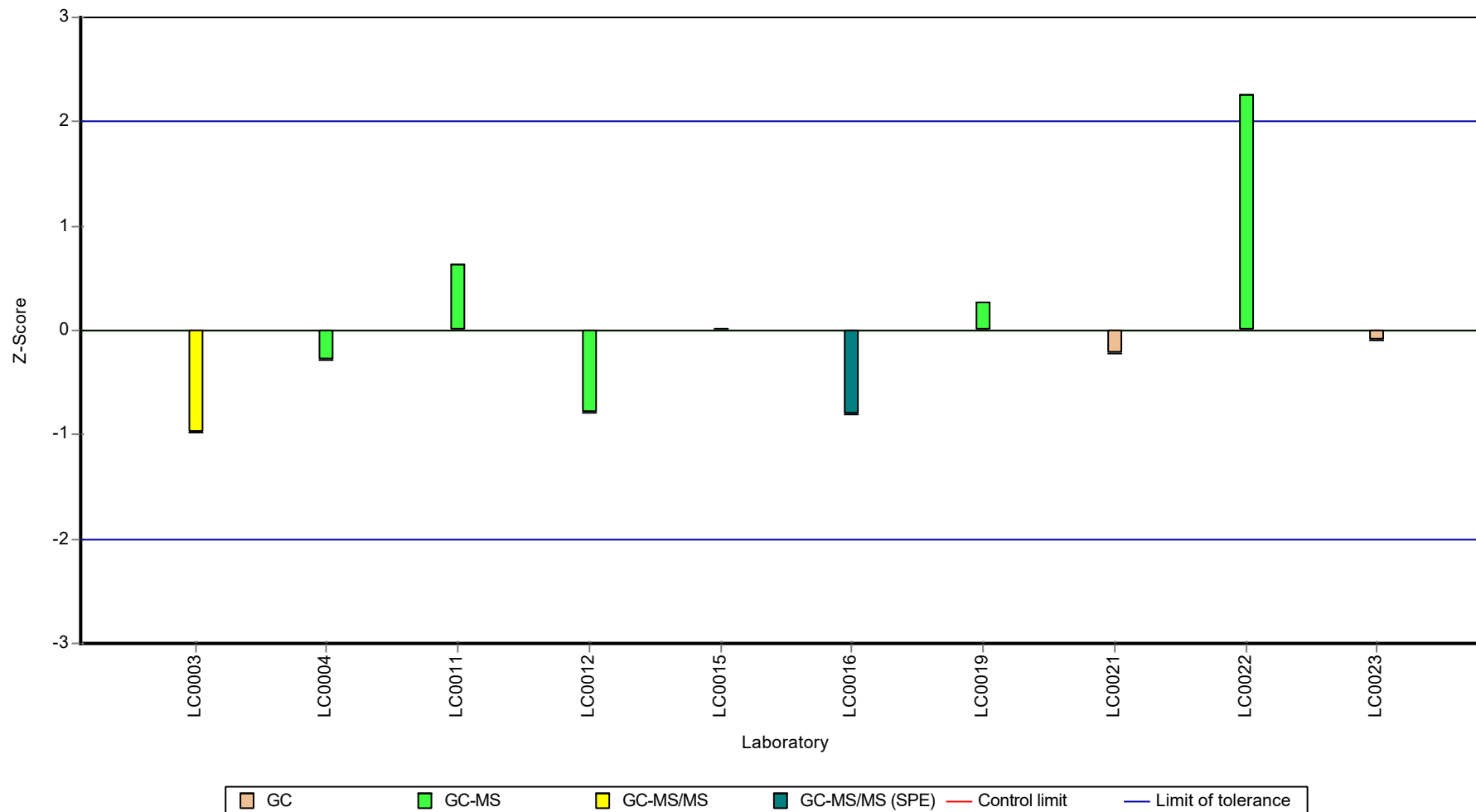
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Sum Endosulfan

Unit	µg/l
Assigned value ± U (k=2)	0.286 ± 0.0241
Criterion	0.117 (41 %)
Minimum - Maximum	0.24 - 0.322
Control test value ± U (k=2)	0.292 ± 0.146

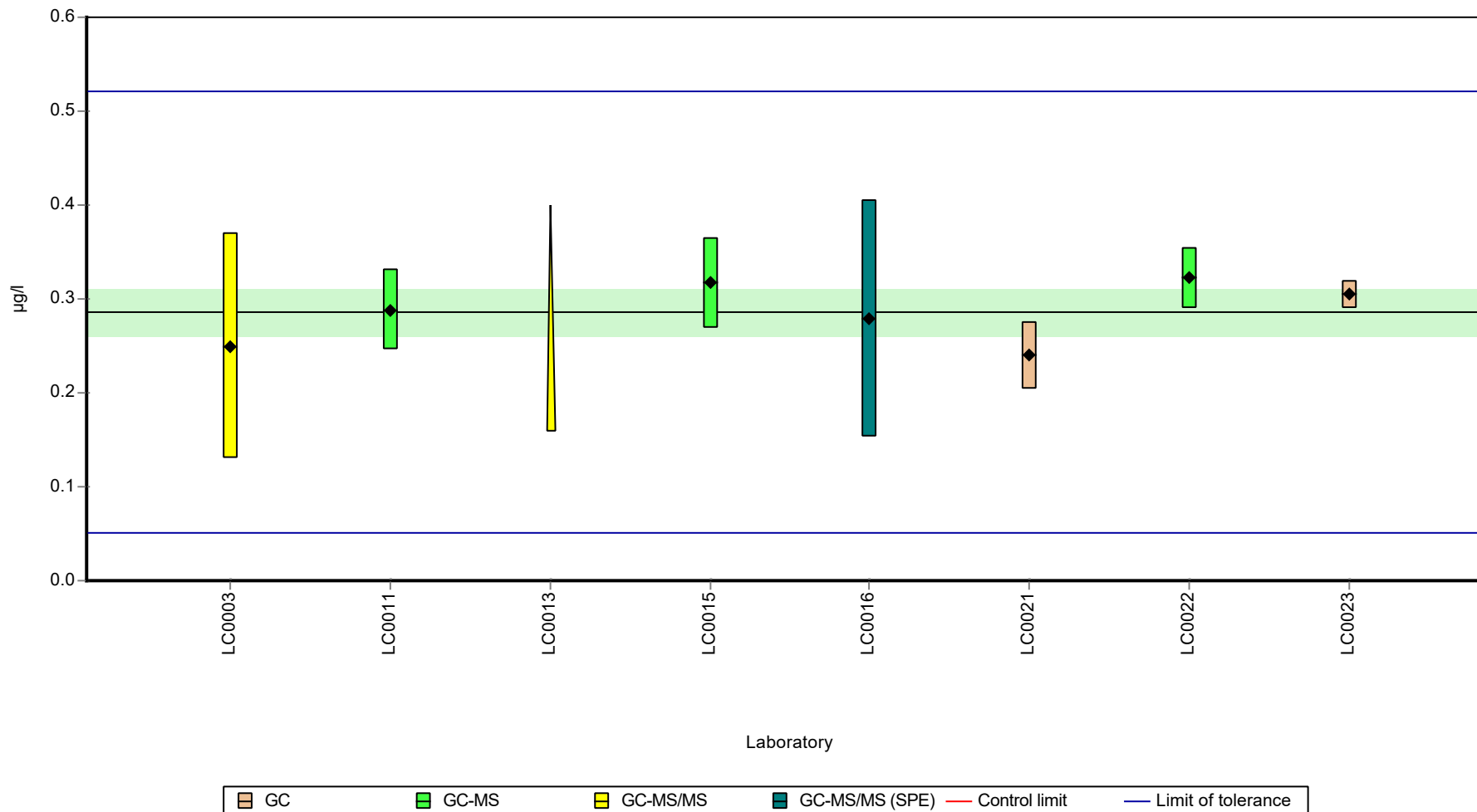
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.25	0.12	87.5	-0.31	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.288	0.043	101	0.02	
LC0012	-	-	-	-	
LC0013	>0.16	0.05	-	-	
LC0014	-	-	-	-	
LC0015	0.317	0.048	111	0.27	
LC0016	0.279	0.126	97.6	-0.06	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.24	0.036	84	-0.39	
LC0022	0.322	0.032	113	0.31	
LC0023	0.305	0.015	107	0.16	

Characteristics of parameter

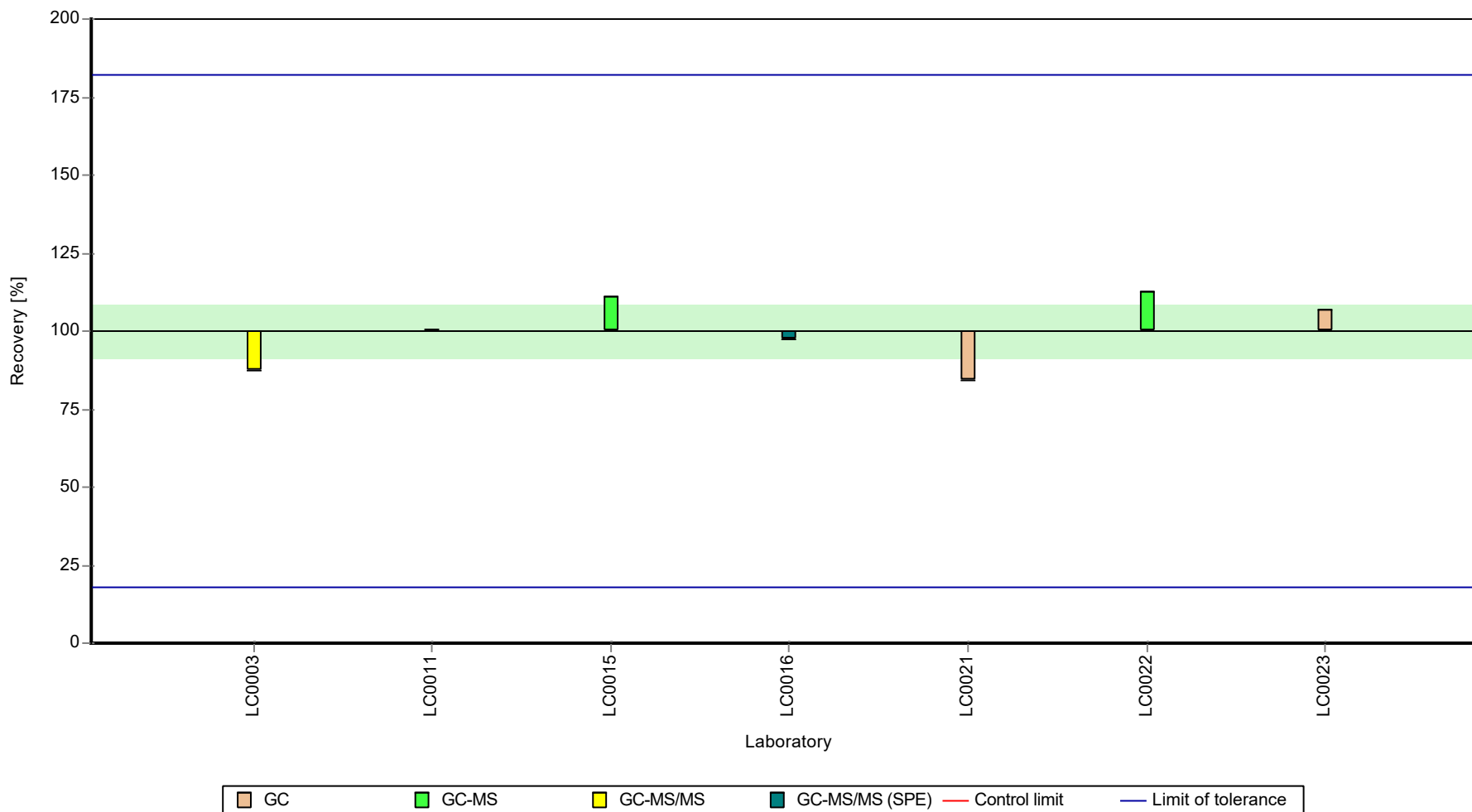
	all results	without outliers	Unit
Mean ± CI (99%)	0.286 ± 0.0361	0.286 ± 0.0361	µg/l
Minimum	0.24	0.24	µg/l
Maximum	0.322	0.322	µg/l
Standard deviation	0.0318	0.0318	µg/l
rel. standard deviation	11.1	11.1	%
n	7	7	-

Graphical presentation of results

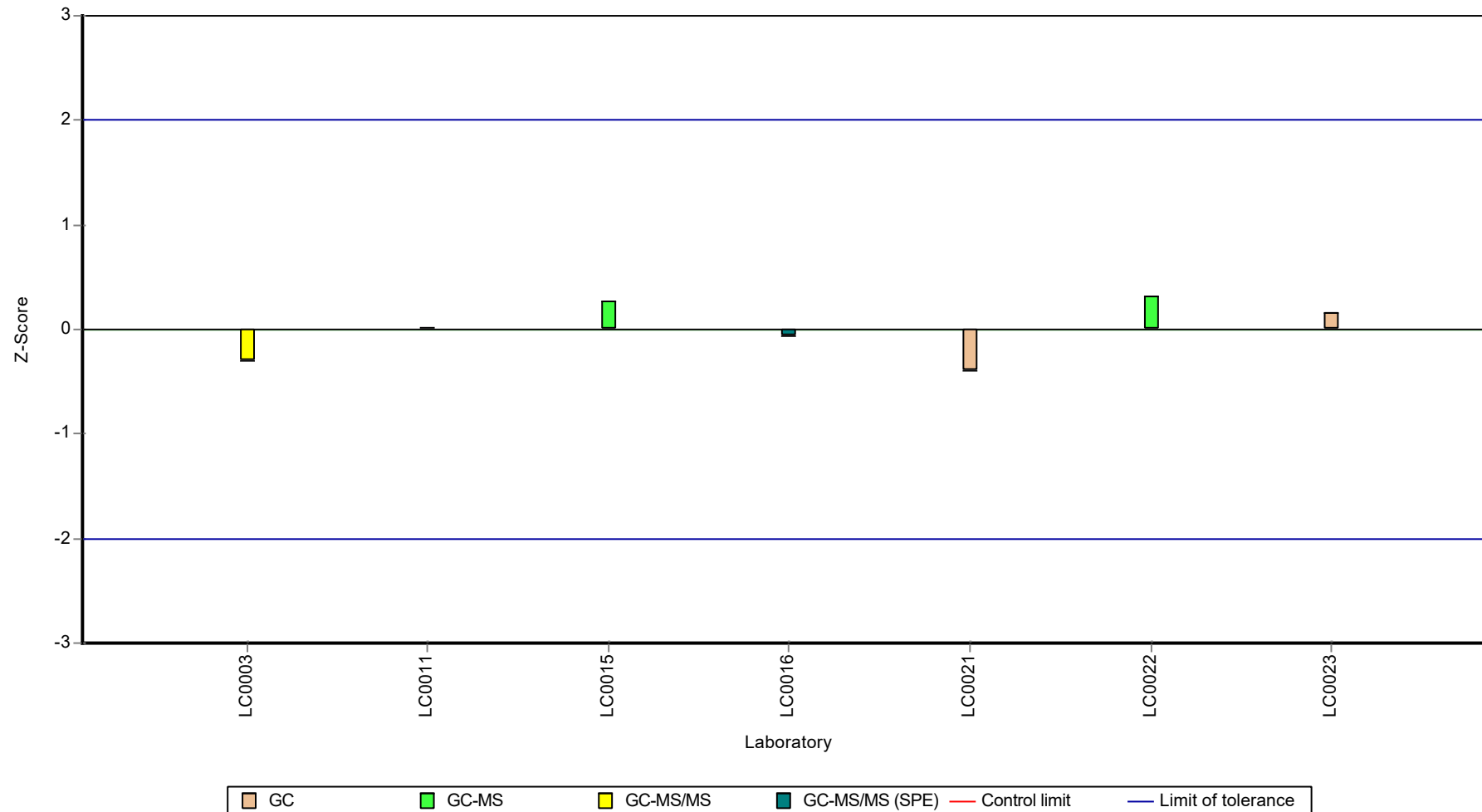
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Sum Endosulfan

Unit	µg/l
Assigned value ± U (k=2)	0.353 ± 0.0542
Criterion	0.145 (41 %)
Minimum - Maximum	0.26 - 0.444
Control test value ± U (k=2)	0.413 ± 0.206

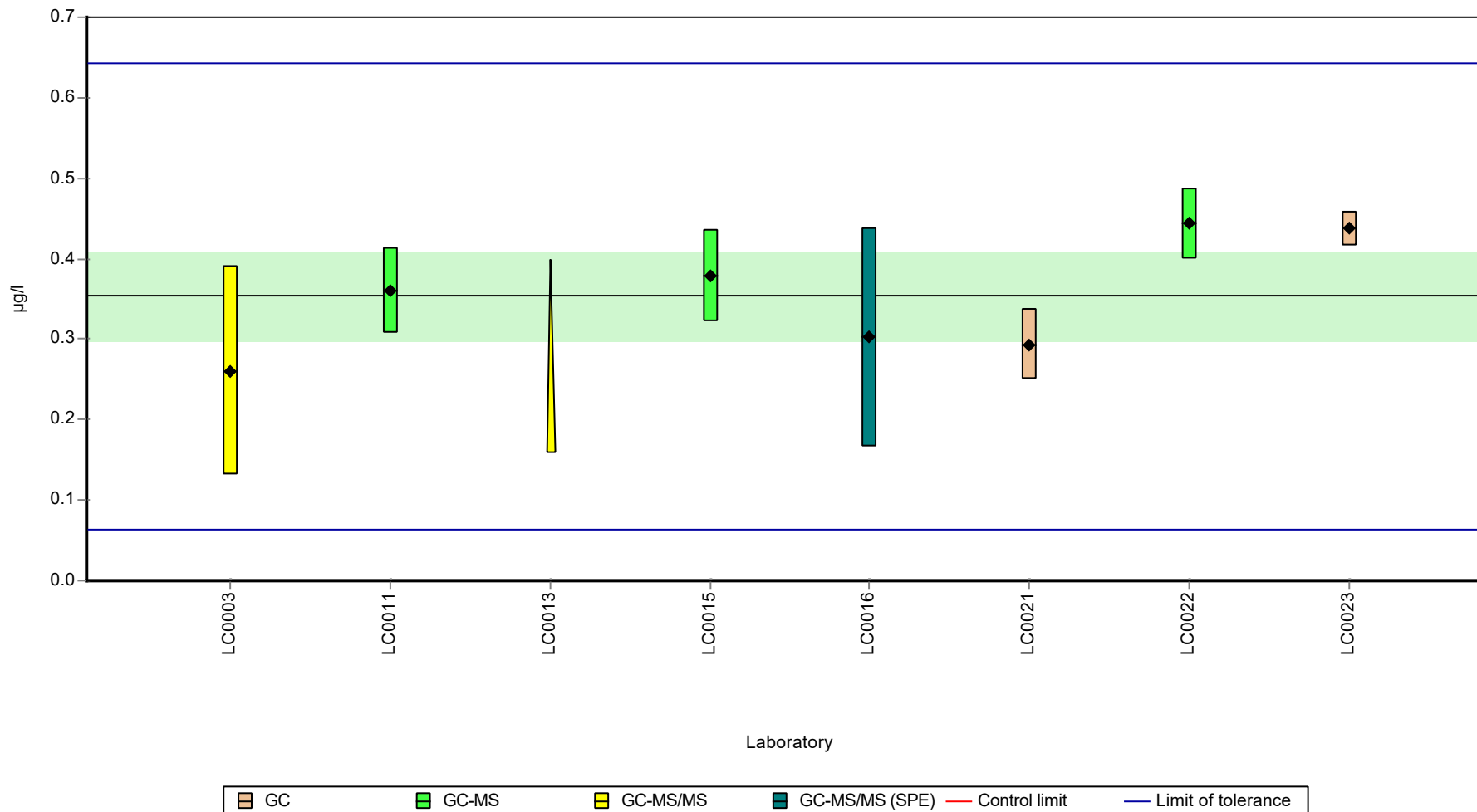
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.26	0.13	73.6	-0.65	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.36	0.054	102	0.05	
LC0012	-	-	-	-	
LC0013	>0.16	0.05	-	-	
LC0014	-	-	-	-	
LC0015	0.378	0.057	107	0.17	
LC0016	0.302	0.136	85.4	-0.35	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.293	0.044	82.9	-0.42	
LC0022	0.444	0.044	126	0.63	
LC0023	0.437	0.022	124	0.58	

Characteristics of parameter

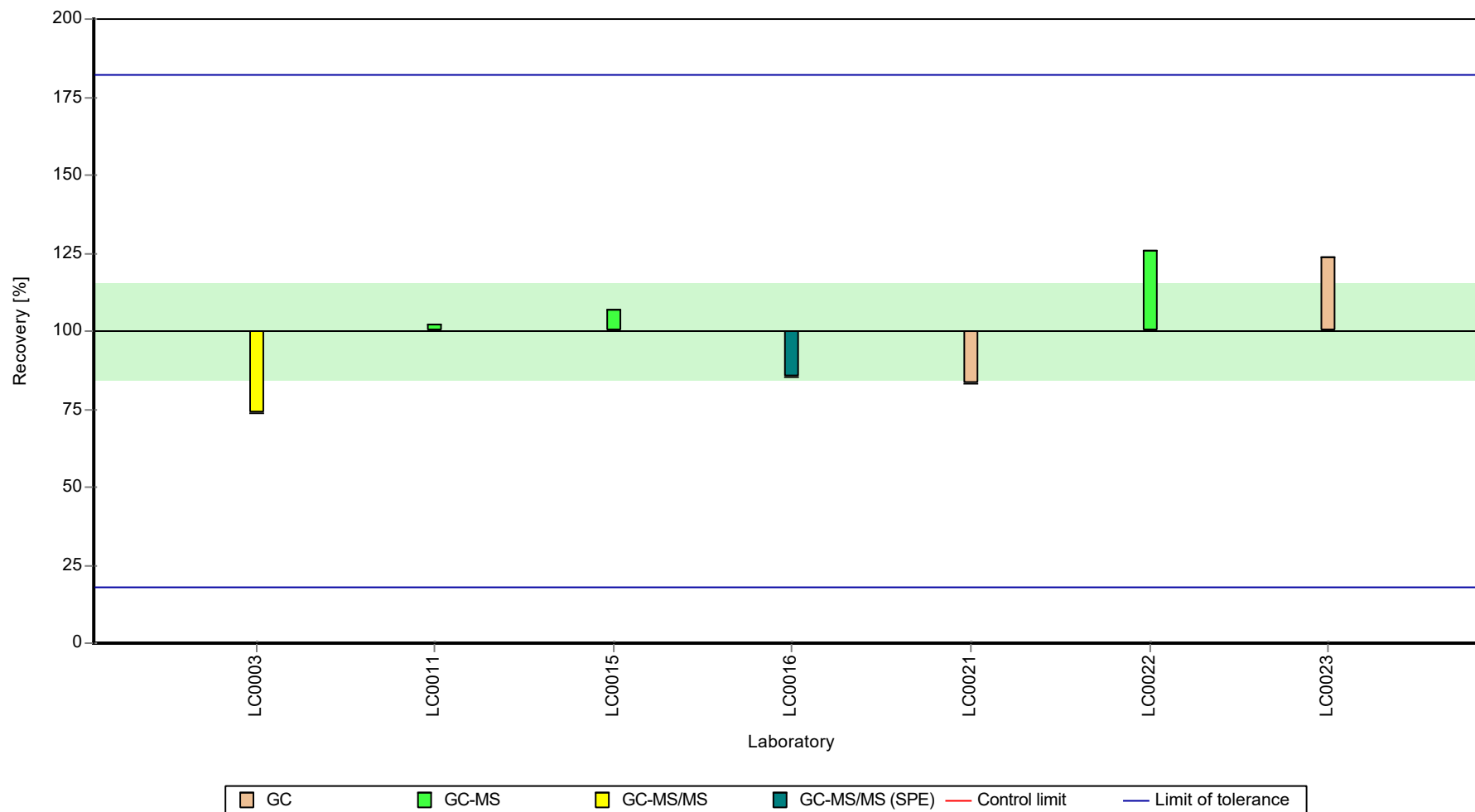
	all results	without outliers	Unit
Mean ± CI (99%)	0.353 ± 0.0813	0.353 ± 0.0813	µg/l
Minimum	0.26	0.26	µg/l
Maximum	0.444	0.444	µg/l
Standard deviation	0.0717	0.0717	µg/l
rel. standard deviation	20.3	20.3	%
n	7	7	-

Graphical presentation of results

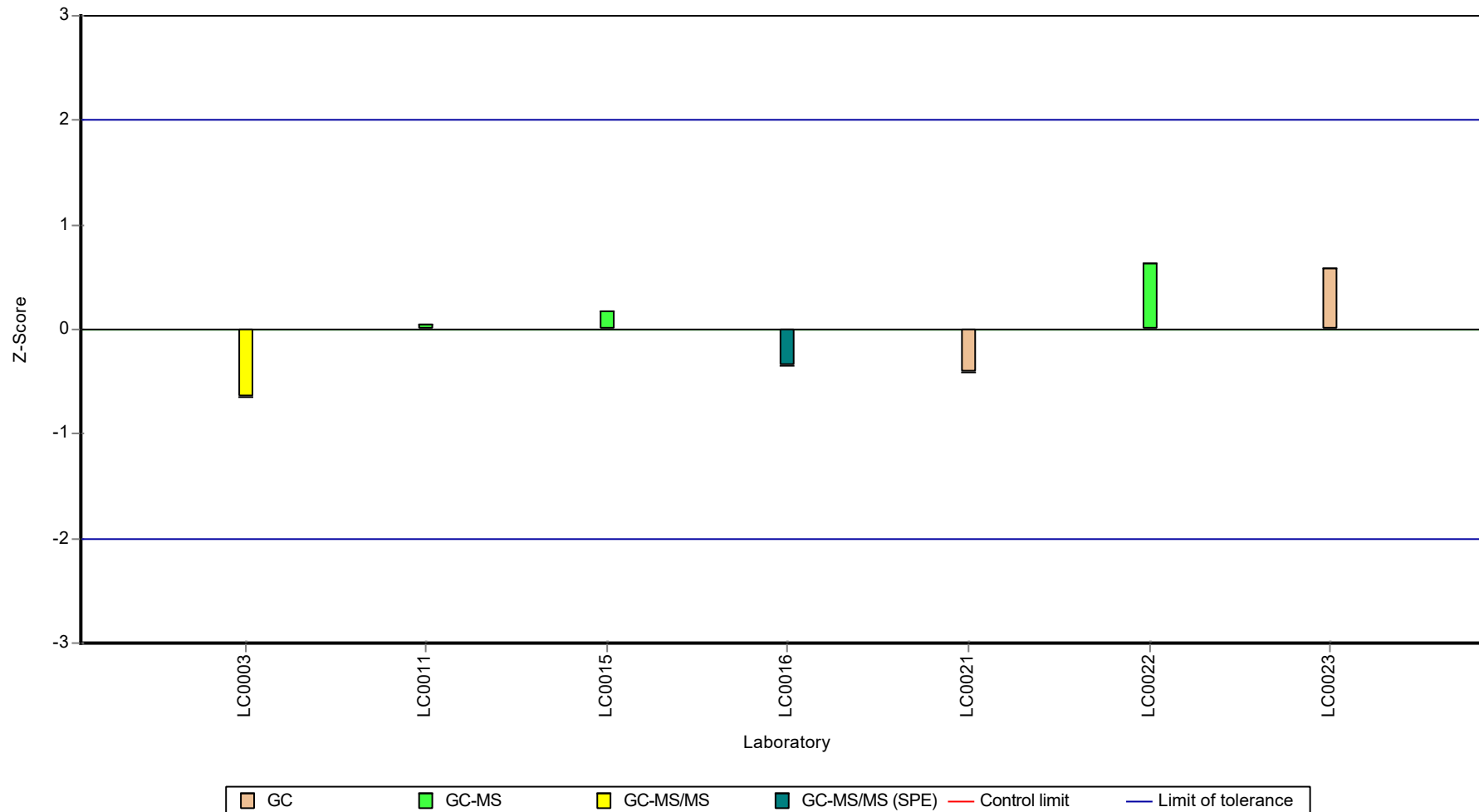
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Thiacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.307 ± 0.0214
Criterion	0.043 (14 %)
Minimum - Maximum	0.213 - 0.409
Control test value ± U (k=2)	0.345 ± 0.0863

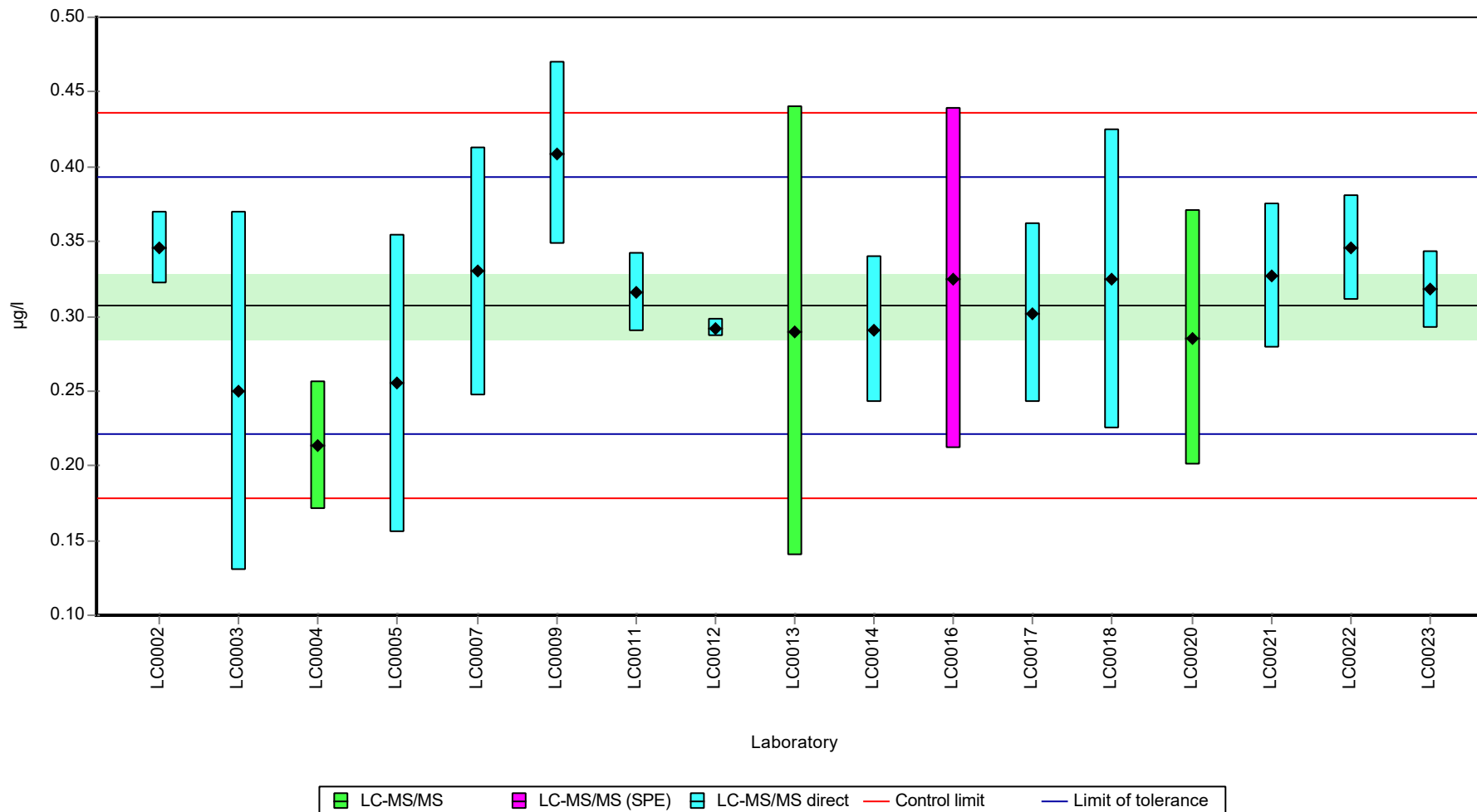
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.346	0.024	113	0.91	
LC0003	0.25	0.12	81.4	-1.33	
LC0004	0.213	0.043	69.4	-2.19	
LC0005	0.255	0.1	83	-1.21	
LC0006	-	-	-	-	
LC0007	0.33	0.083	107	0.53	
LC0008	-	-	-	-	
LC0009	0.409	0.06151	133	2.37	
LC0010	-	-	-	-	
LC0011	0.316	0.026	103	0.21	
LC0012	0.292	0.006	95.1	-0.35	
LC0013	0.29	0.15	94.4	-0.4	
LC0014	0.291	0.049	94.8	-0.37	
LC0015	-	-	-	-	
LC0016	0.325	0.114	106	0.42	
LC0017	0.302	0.06	98.3	-0.12	
LC0018	0.325	0.1	106	0.42	
LC0019	-	-	-	-	
LC0020	0.2855	0.08565	93	-0.5	
LC0021	0.327	0.049	106	0.46	
LC0022	0.346	0.035	113	0.91	
LC0023	0.318	0.026	104	0.25	

Characteristics of parameter

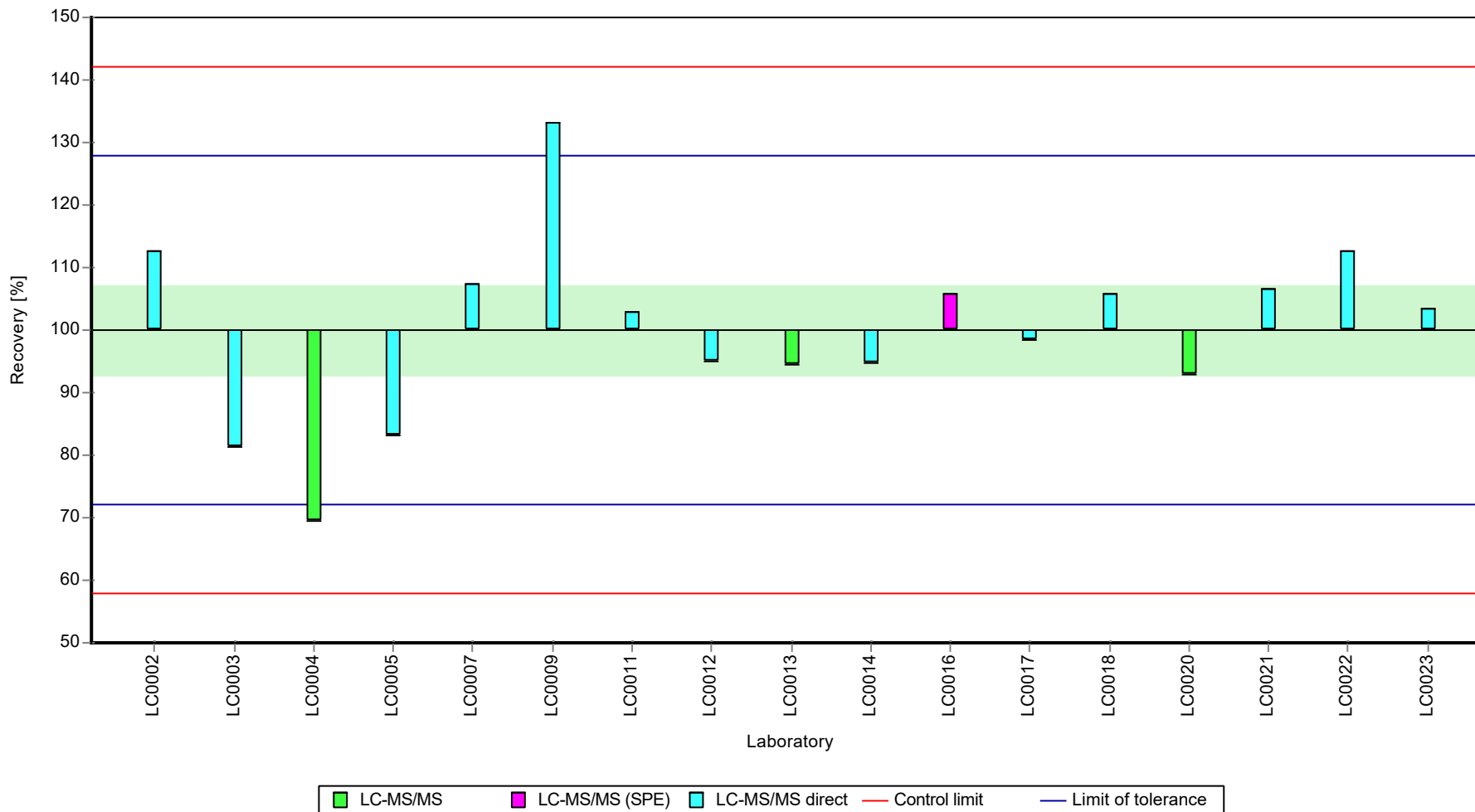
	all results	without outliers	Unit
Mean ± CI (99%)	0.307 ± 0.0322	0.307 ± 0.0322	µg/l
Minimum	0.213	0.213	µg/l
Maximum	0.409	0.409	µg/l
Standard deviation	0.0442	0.0442	µg/l
rel. standard deviation	14.4	14.4	%
n	17	17	-

Graphical presentation of results

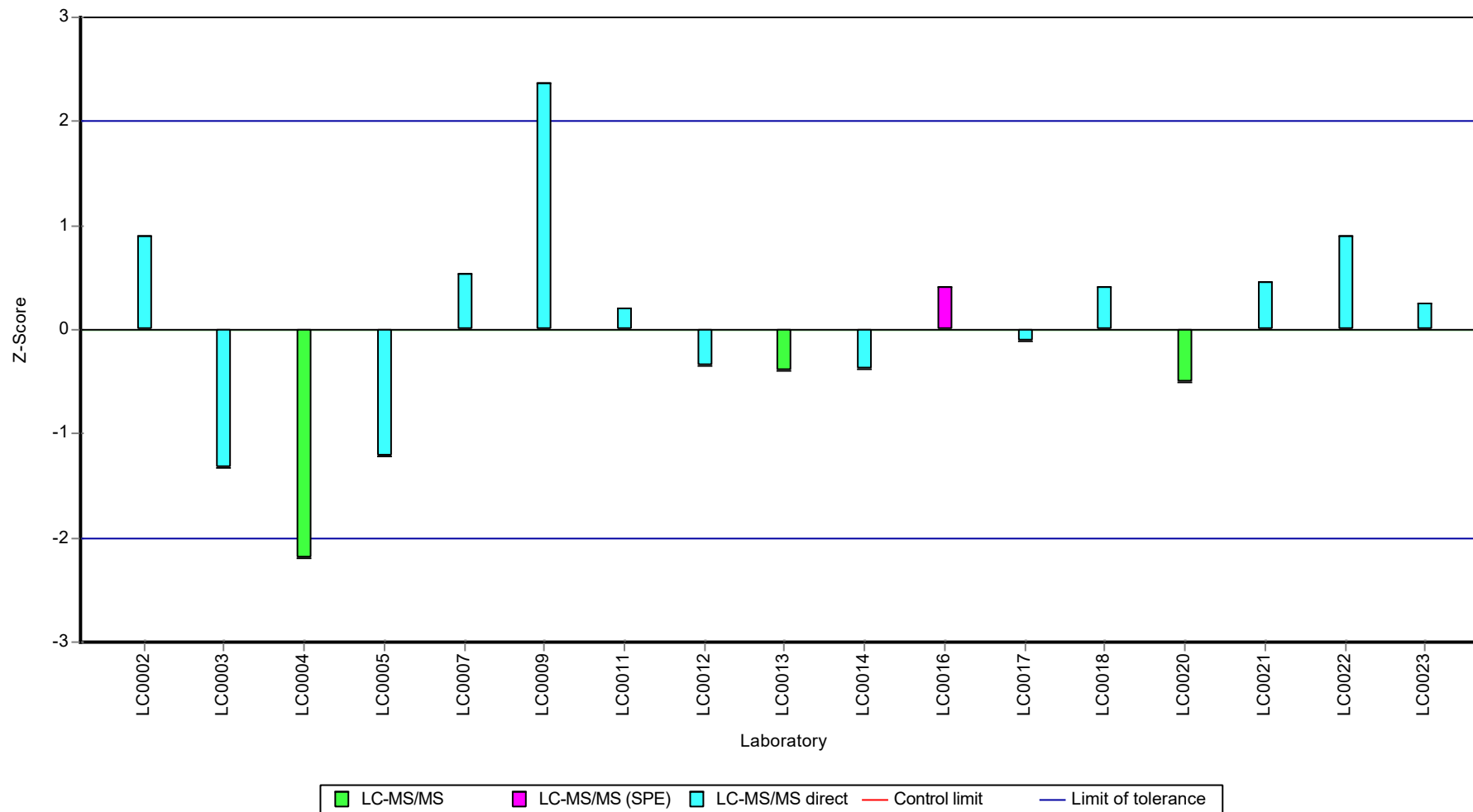
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Thiacloprid

Unit	µg/l
Assigned value ± U (k=2)	0.952 ± 0.0399
Criterion	0.133 (14 %)
Minimum - Maximum	0.798 - 1.08
Control test value ± U (k=2)	0.900 ± 0.225

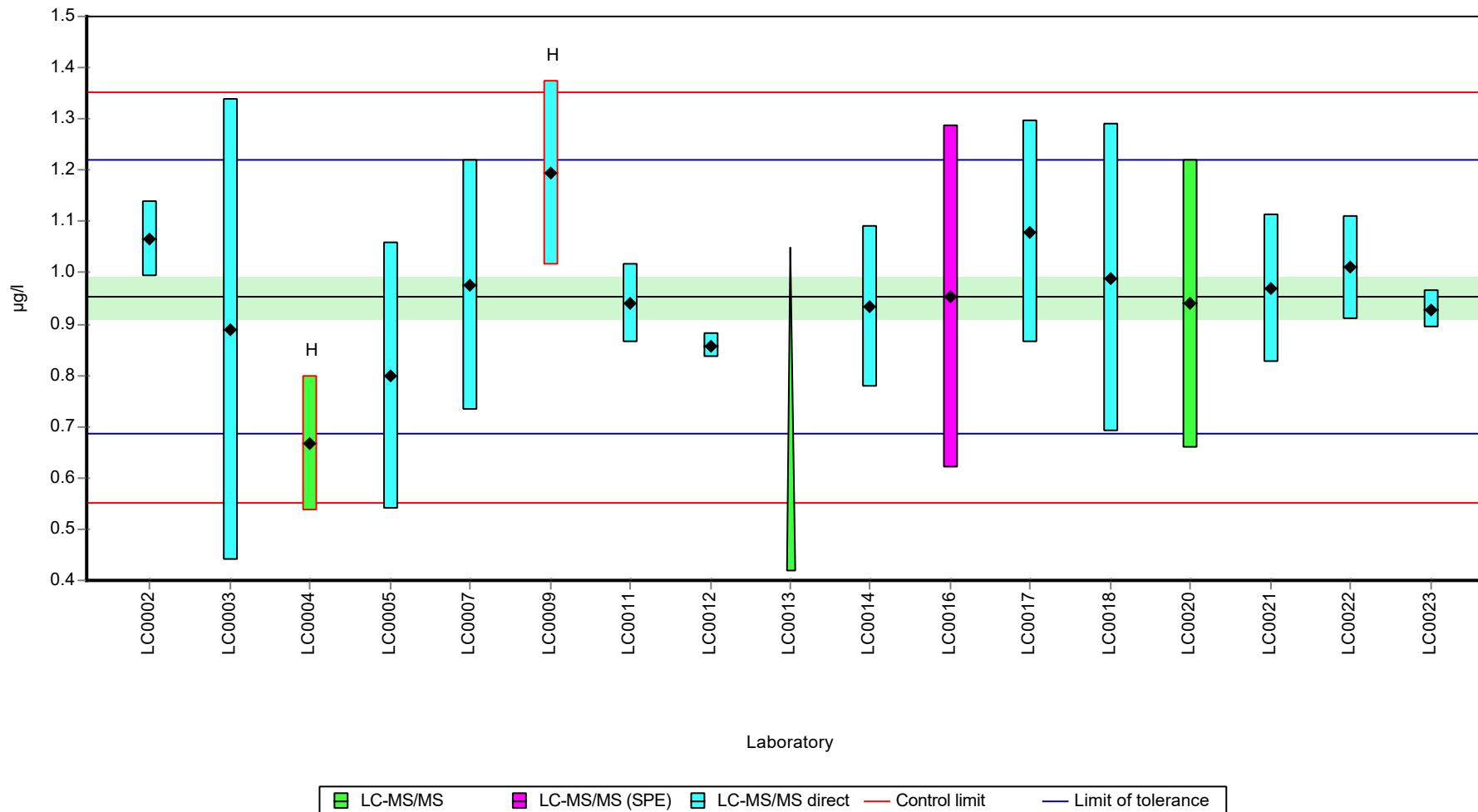
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	1.066	0.075	112	0.85	
LC0003	0.89	0.45	93.5	-0.47	
LC0004	0.667	0.133	70	-2.14	H
LC0005	0.798	0.26	83.8	-1.16	
LC0006	-	-	-	-	
LC0007	0.976	0.244	102	0.18	
LC0008	-	-	-	-	
LC0009	1.195	0.17973	125	1.82	H
LC0010	-	-	-	-	
LC0011	0.941	0.077	98.8	-0.08	
LC0012	0.858	0.023	90.1	-0.71	
LC0013	>0.42	0.13	-	-	
LC0014	0.934	0.158	98.1	-0.14	
LC0015	-	-	-	-	
LC0016	0.953	0.334	100	0.01	
LC0017	1.08	0.216	113	0.96	
LC0018	0.99	0.3	104	0.28	
LC0019	-	-	-	-	
LC0020	0.9395	0.28185	98.7	-0.1	
LC0021	0.968	0.145	102	0.12	
LC0022	1.01	0.101	106	0.43	
LC0023	0.928	0.037	97.5	-0.18	

Characteristics of parameter

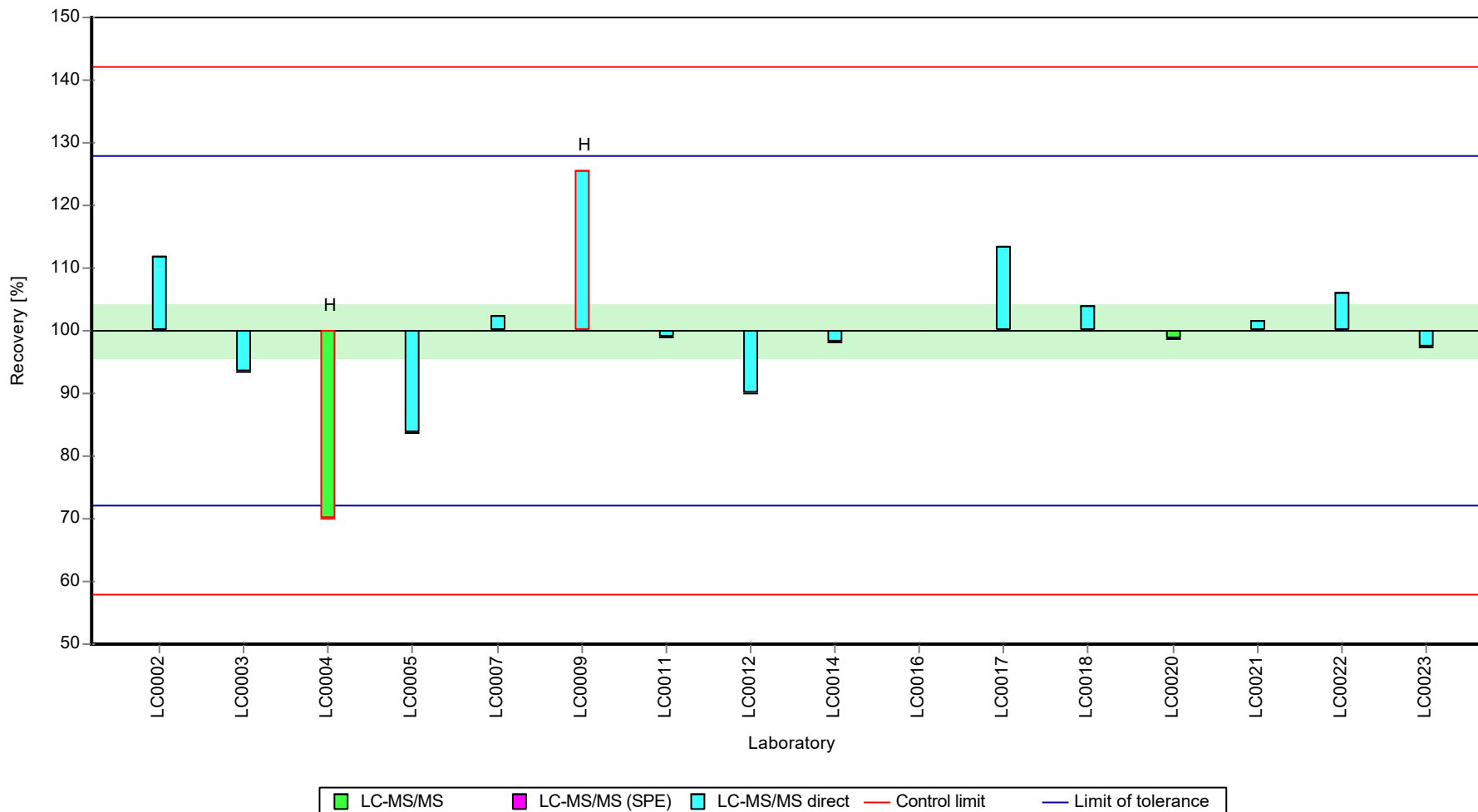
	all results	without outliers	Unit
Mean ± CI (99%)	0.95 ± 0.0893	0.952 ± 0.0599	µg/l
Minimum	0.667	0.798	µg/l
Maximum	1.2	1.08	µg/l
Standard deviation	0.119	0.0747	µg/l
rel. standard deviation	12.5	7.85	%
n	16	14	-

Graphical presentation of results

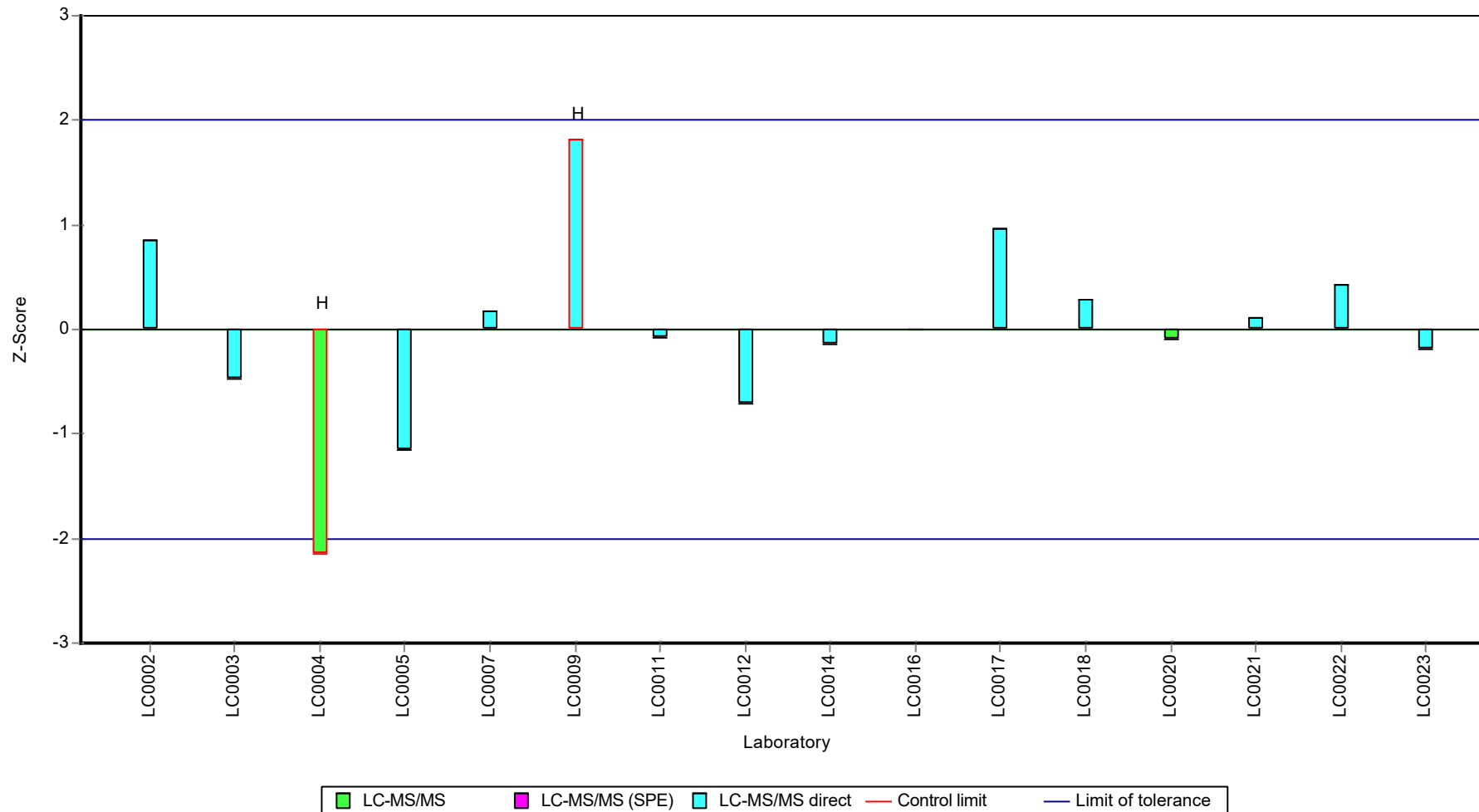
Results



Recovery rate



Z-score



Parameter oriented report

H111 A

Thiamethoxam

Unit	µg/l
Assigned value ± U (k=2)	0.256 ± 0.0126
Criterion	0.0435 (17 %)
Minimum - Maximum	0.215 - 0.297
Control test value ± U (k=2)	0.231 ± 0.0347

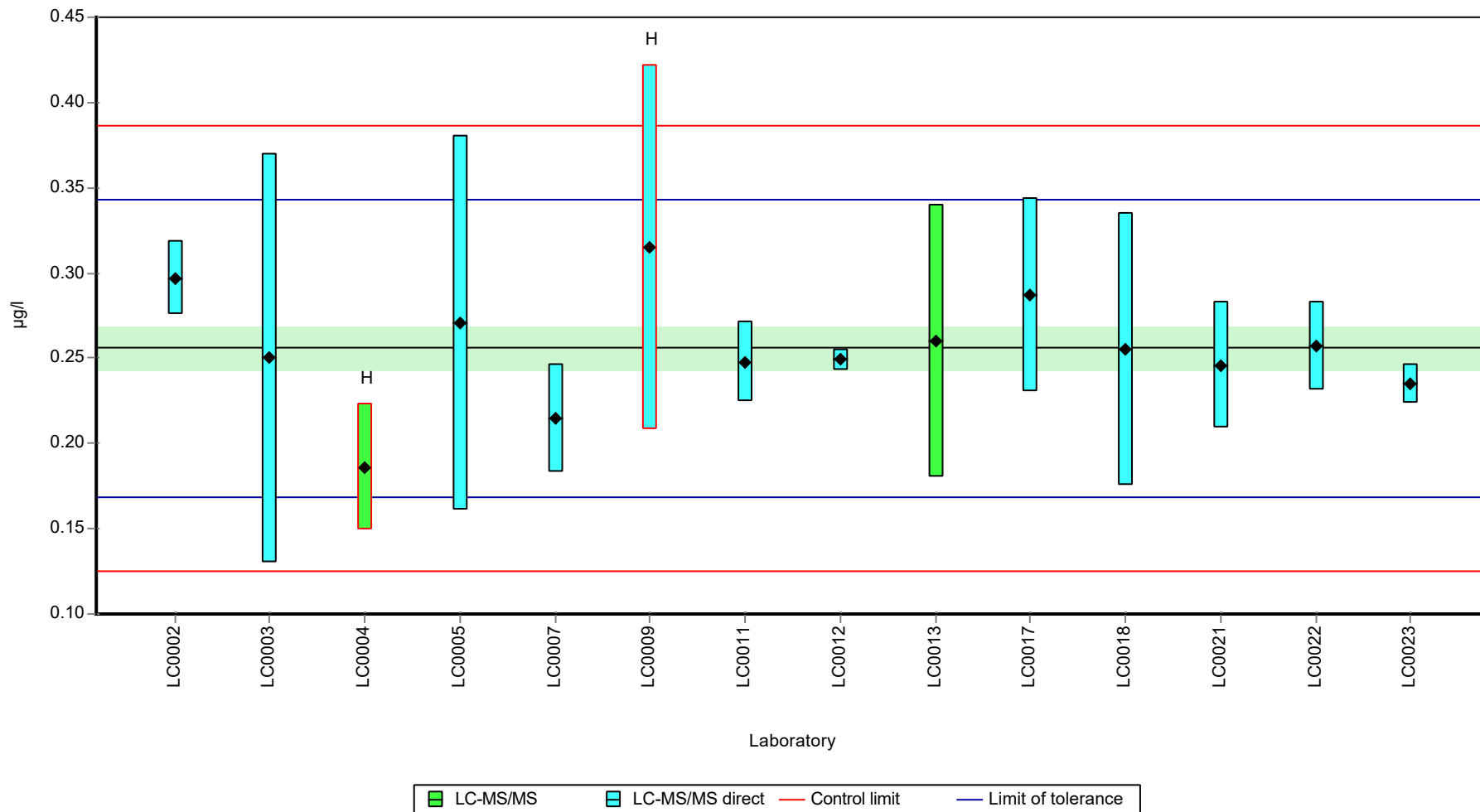
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.297	0.022	116	0.95	
LC0003	0.25	0.12	97.7	-0.13	
LC0004	0.186	0.037	72.7	-1.61	H
LC0005	0.271	0.11	106	0.35	
LC0006	-	-	-	-	
LC0007	0.215	0.032	84	-0.94	
LC0008	-	-	-	-	
LC0009	0.315	0.10735	123	1.36	H
LC0010	-	-	-	-	
LC0011	0.248	0.024	96.9	-0.18	
LC0012	0.249	0.006	97.3	-0.16	
LC0013	0.26	0.08	102	0.1	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.287	0.057	112	0.72	
LC0018	0.255	0.08	99.7	-0.02	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	0.246	0.037	96.2	-0.23	
LC0022	0.257	0.026	100	0.03	
LC0023	0.235	0.012	91.9	-0.48	

Characteristics of parameter

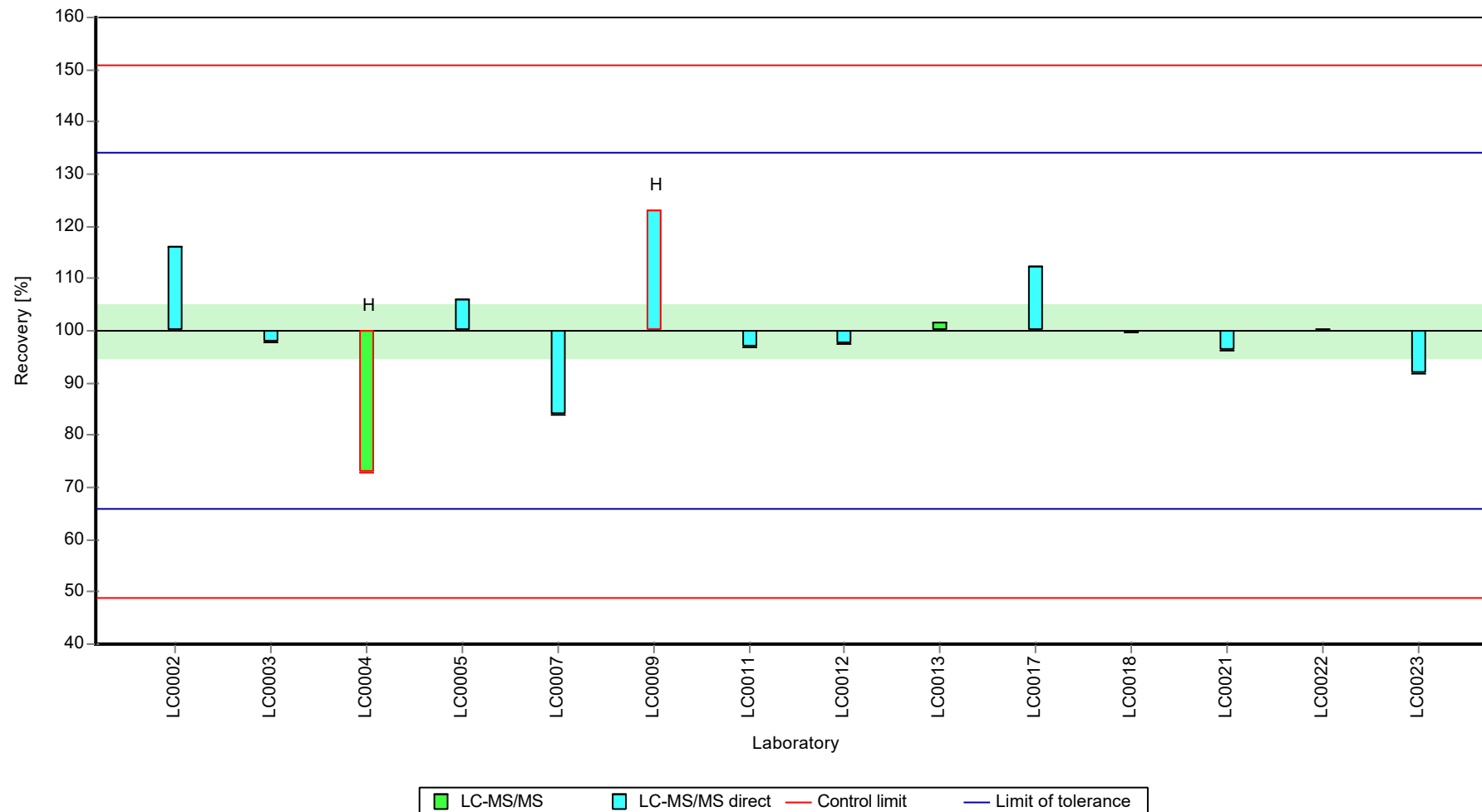
	all results	without outliers	Unit
Mean ± CI (99%)	0.255 ± 0.026	0.256 ± 0.0189	µg/l
Minimum	0.186	0.215	µg/l
Maximum	0.315	0.297	µg/l
Standard deviation	0.0324	0.0219	µg/l
rel. standard deviation	12.7	8.54	%
n	14	12	-

Graphical presentation of results

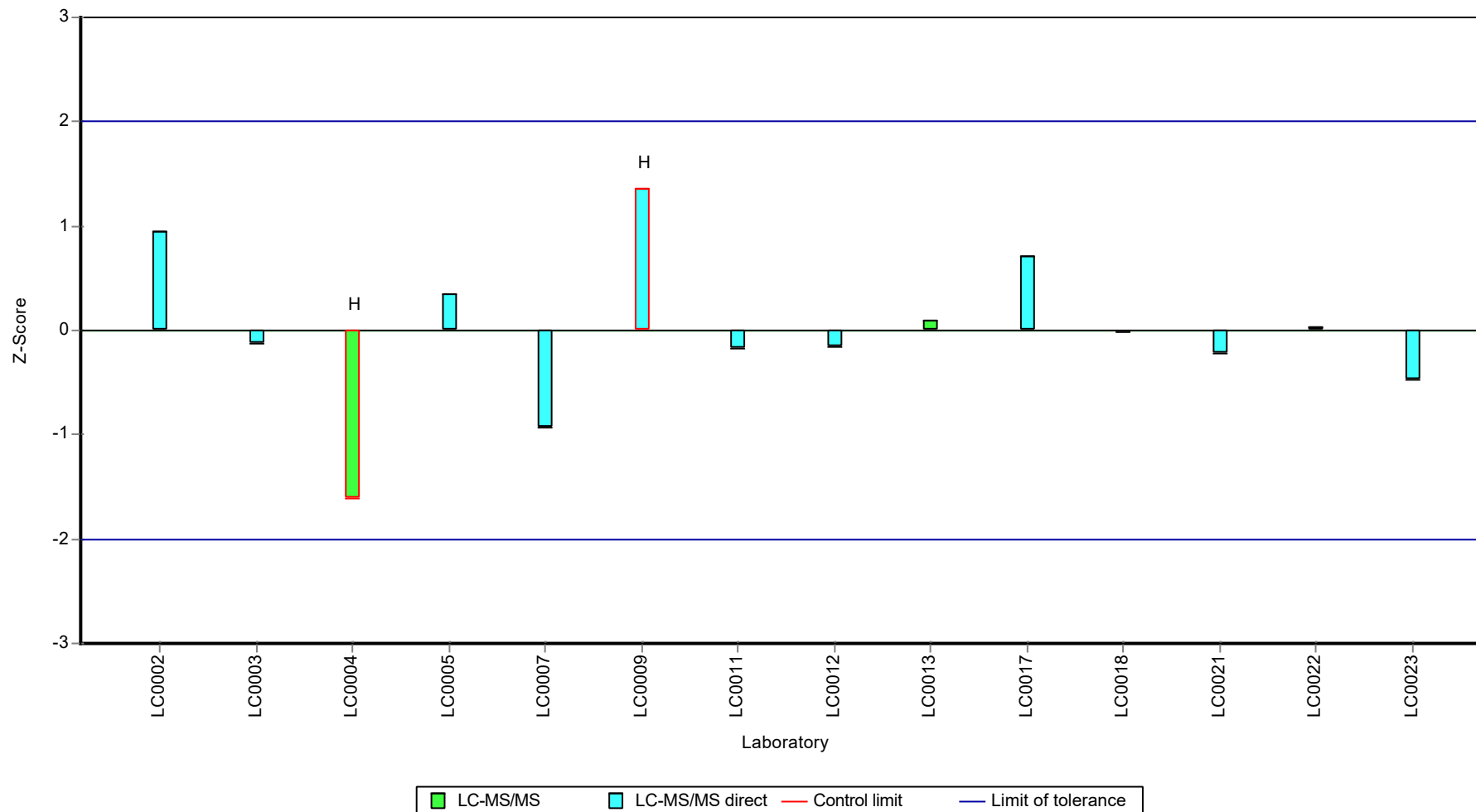
Results



Recovery rate



Z-score



Parameter oriented report

H111 B

Thiamethoxam

Unit	µg/l
Assigned value ± U (k=2)	1.45 ± 0.116
Criterion	0.246 (17 %)
Minimum - Maximum	1.11 - 1.77
Control test value ± U (k=2)	1.07 ± 0.161

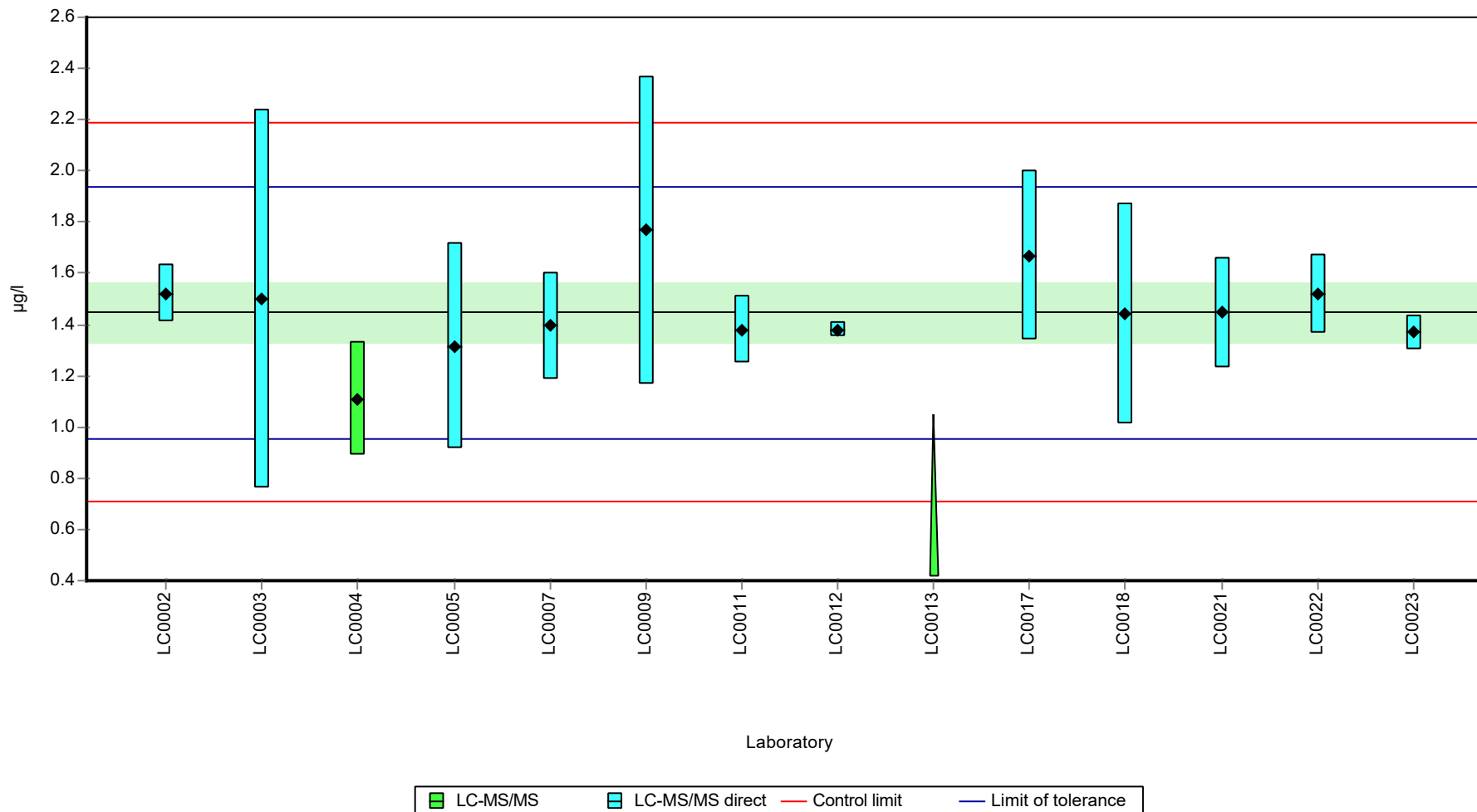
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	1.521	0.114	105	0.3	
LC0003	1.5	0.74	104	0.21	
LC0004	1.11	0.22	76.7	-1.37	
LC0005	1.316	0.4	90.9	-0.53	
LC0006	-	-	-	-	
LC0007	1.394	0.209	96.3	-0.22	
LC0008	-	-	-	-	
LC0009	1.767	0.60219	122	1.3	
LC0010	-	-	-	-	
LC0011	1.38	0.13	95.3	-0.27	
LC0012	1.38	0.028	95.3	-0.27	
LC0013	>0.42	0.13	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	1.67	0.334	115	0.9	
LC0018	1.44	0.43	99.5	-0.03	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	1.447	0.217	100	0.00	
LC0022	1.52	0.152	105	0.29	
LC0023	1.37	0.068	94.6	-0.32	

Characteristics of parameter

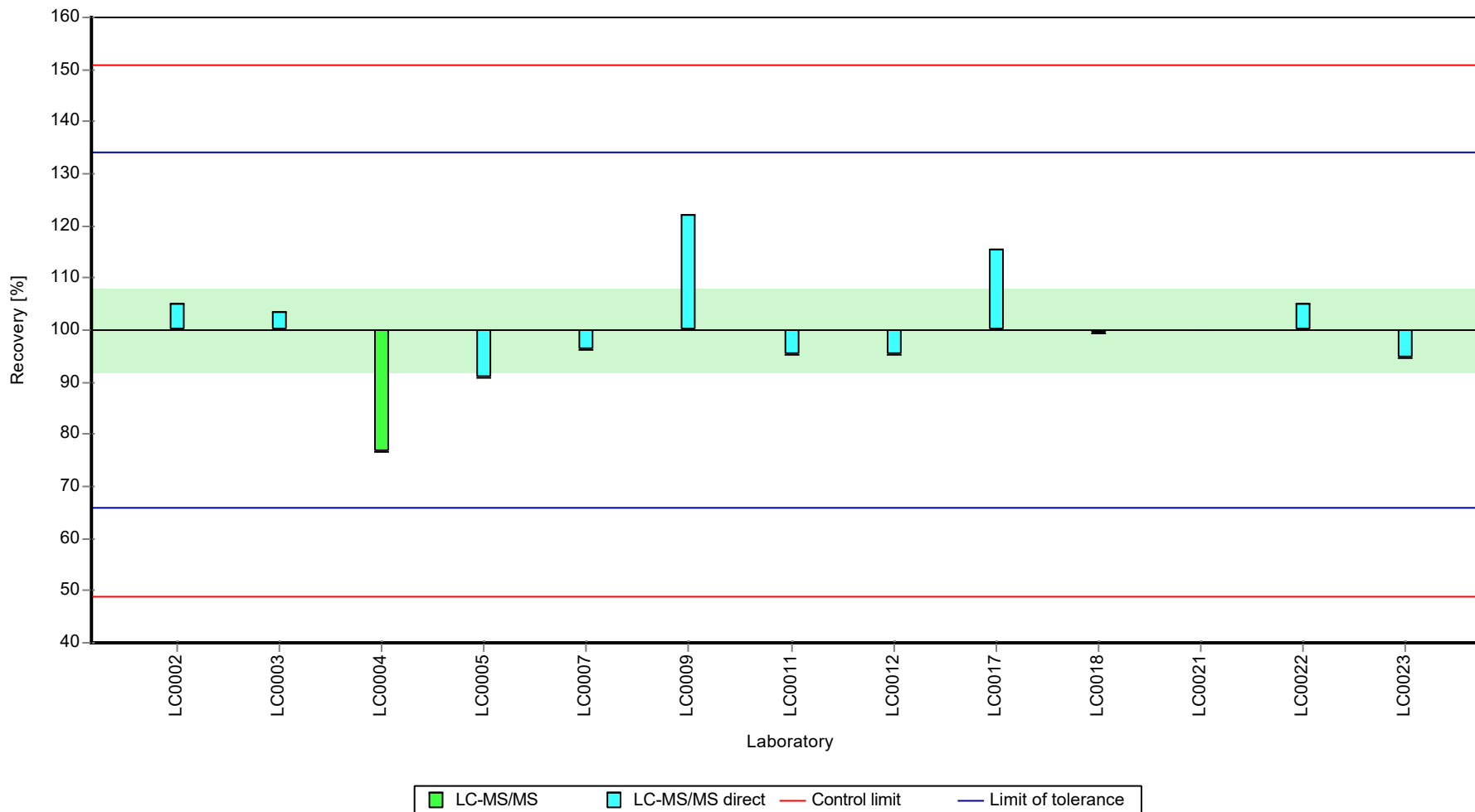
	all results	without outliers	Unit
Mean ± CI (99%)	1.45 ± 0.135	1.45 ± 0.135	µg/l
Minimum	1.11	1.11	µg/l
Maximum	1.77	1.77	µg/l
Standard deviation	0.162	0.162	µg/l
rel. standard deviation	11.2	11.2	%
n	13	13	-

Graphical presentation of results

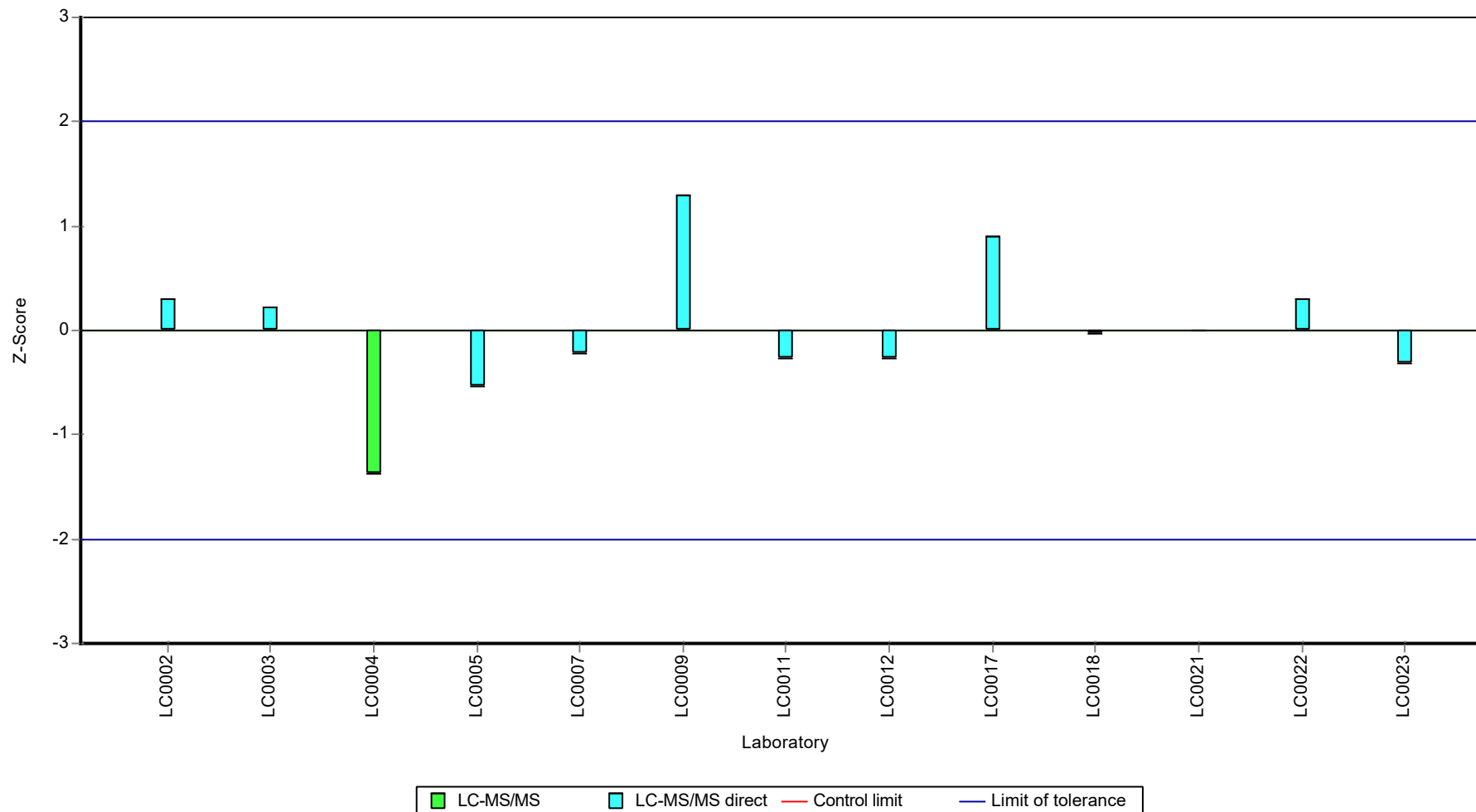
Results



Recovery rate



Z-score



E8. Labororientierte Auswertung / Laboratory oriented report

Die Labororientierte Auswertung ist nach dem Laborcode sortiert.

The laboratory oriented report is sorted by laboratory code.

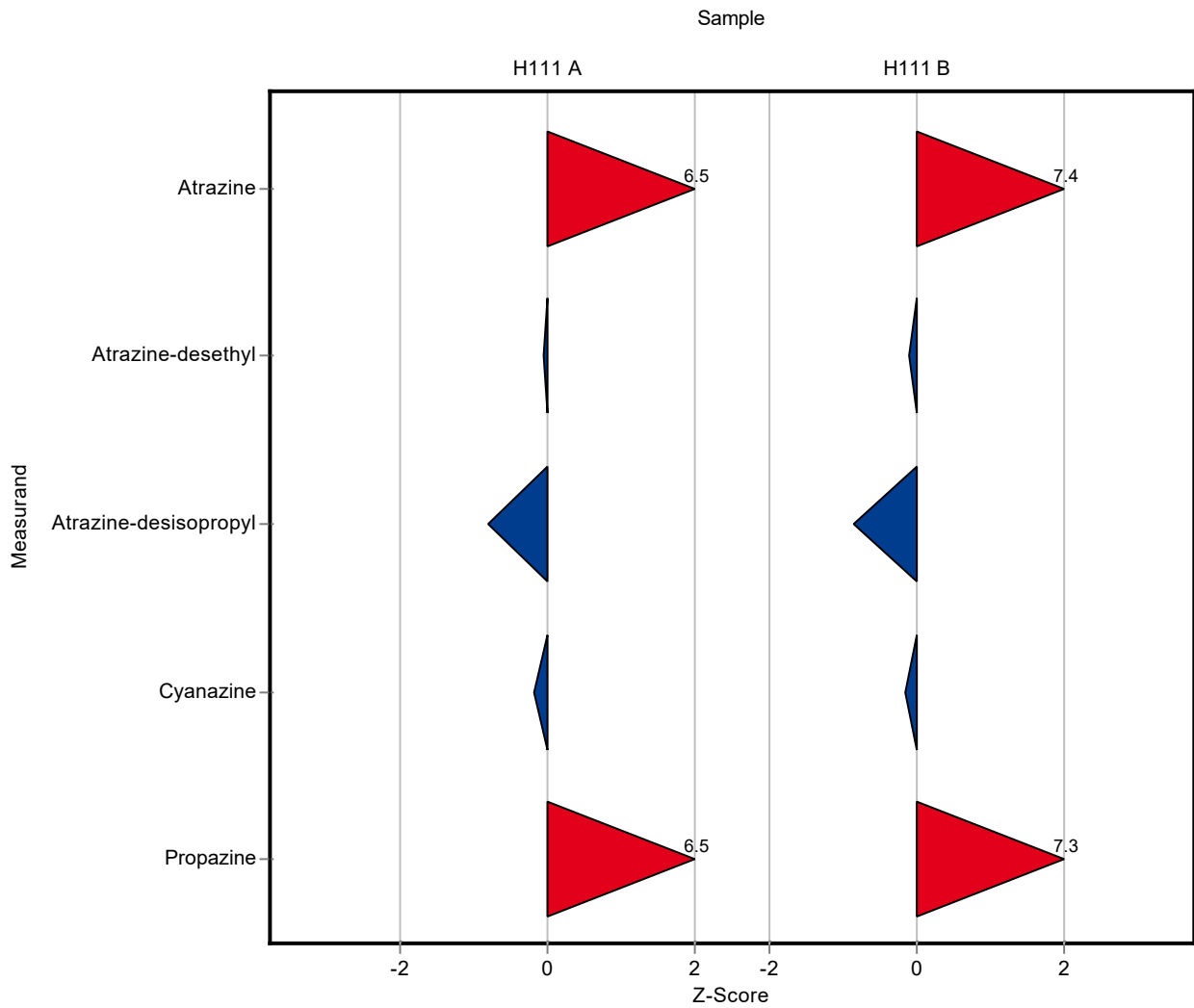
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.702 ± 0.14	0.045	172	6.50
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.569 ± 0.11	0.0687	99.4	-0.05
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.351 ± 0.06	0.0554	88.8	-0.80
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	0.55 ± 0.1	0.0791	97.4	-0.19
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.498 ± 0.1	0.035	185	6.53
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	2.128 ± 0.42	0.129	182	7.44
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.836 ± 0.17	0.102	98.8	-0.10
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.311 ± 0.26	0.208	88	-0.85
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	1.407 ± 0.28	0.202	97.6	-0.17
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	2.207 ± 0.44	0.147	195	7.34
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



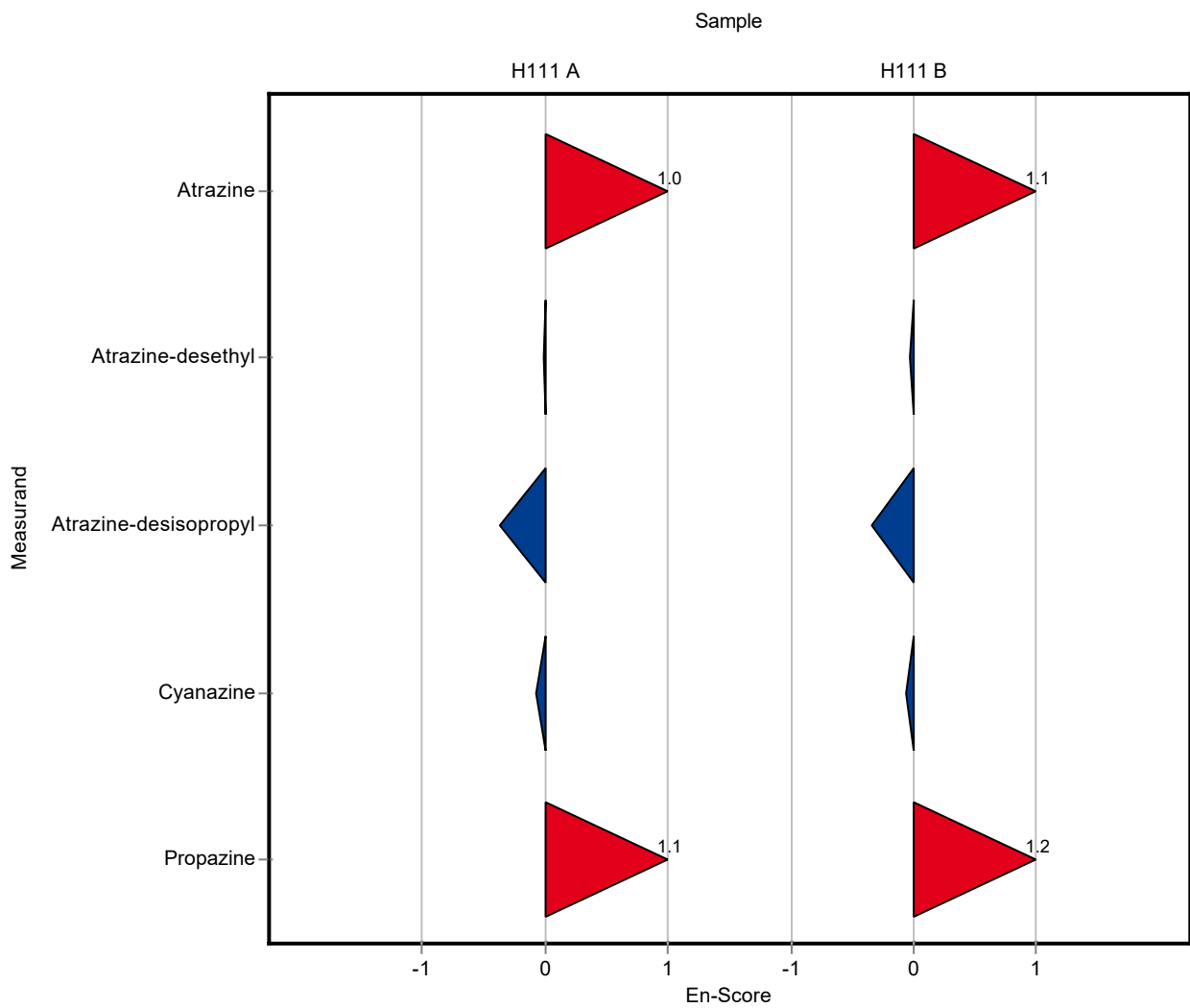
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.702 ± 0.14	0.045	172	1.04
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.569 ± 0.11	0.0687	99.4	-0.01
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.351 ± 0.06	0.0554	88.8	-0.37
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	0.55 ± 0.1	0.0791	97.4	-0.07
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.498 ± 0.1	0.035	185	1.14
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	2.128 ± 0.42	0.129	182
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.836 ± 0.17	0.102	98.8
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.311 ± 0.26	0.208	88
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-
Cyanazine	µg/l	1.44 ± 0.0964	1.407 ± 0.28	0.202	97.6
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	2.207 ± 0.44	0.147	195
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-



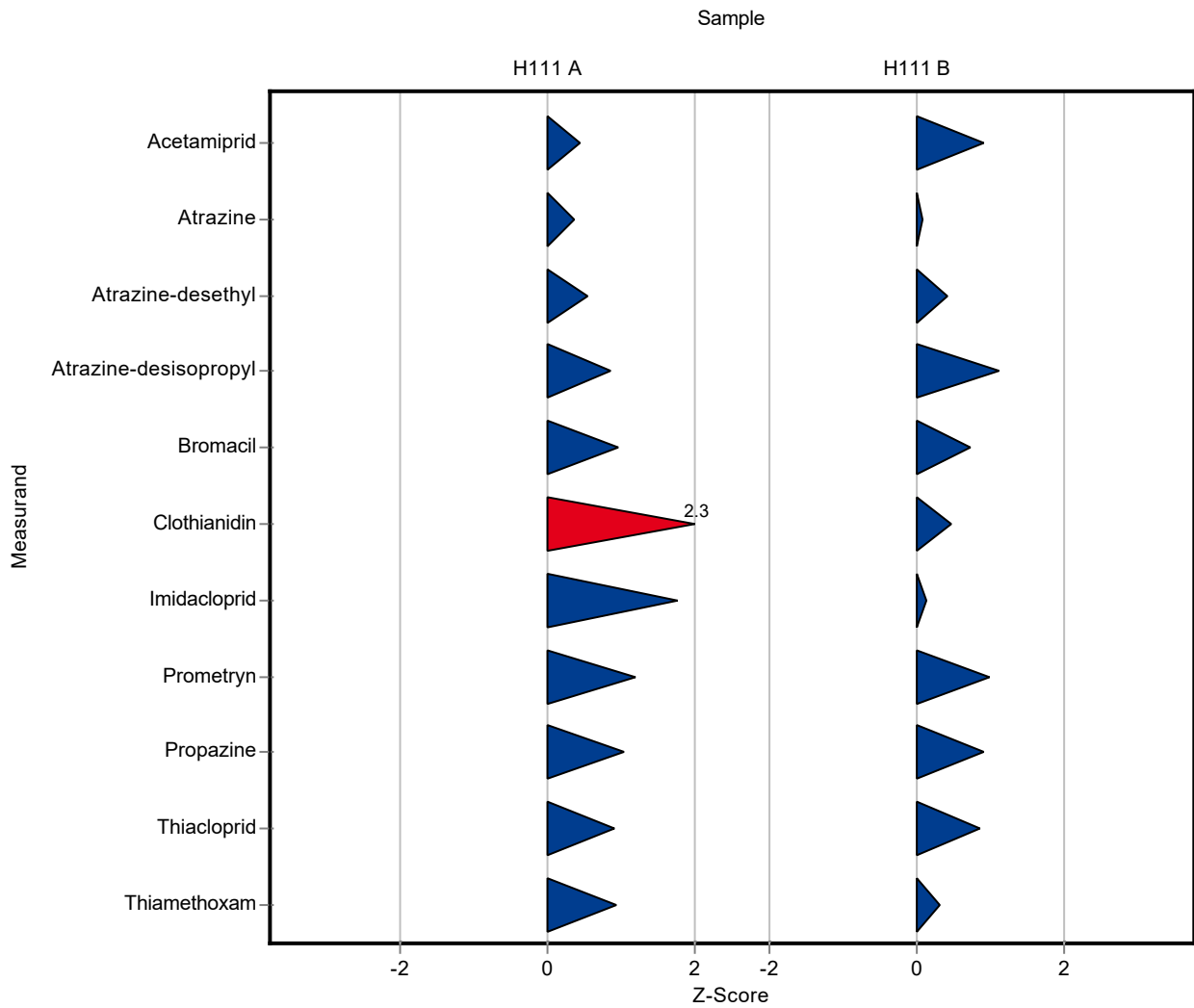
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.465 ± 0.019	0.0403	104	0.43
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.426 ± 0.055	0.045	104	0.37
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.609 ± 0.076	0.0687	106	0.53
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.443 ± 0.029	0.0554	112	0.86
Bromacil	µg/l	0.396 ± 0.0267	0.45 ± 0.05	0.0555	114	0.97
Clothianidin	µg/l	0.253 ± 0.022	0.318 ± 0.021	0.0279	126	2.32
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.208 ± 0.012	0.0247	126	1.76
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.322 ± 0.023	0.0363	115	1.19
Propazine	µg/l	0.269 ± 0.0111	0.306 ± 0.026	0.035	114	1.05
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.346 ± 0.024	0.043	113	0.91
Thiamethoxam	µg/l	0.256 ± 0.0126	0.297 ± 0.022	0.0435	116	0.95

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.624 ± 0.065	0.146	109	0.89
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.181 ± 0.154	0.129	101	0.08
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.888 ± 0.111	0.102	105	0.41
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.719 ± 0.112	0.208	115	1.10
Bromacil	µg/l	0.895 ± 0.0512	0.984 ± 0.108	0.125	110	0.71
Clothianidin	µg/l	0.917 ± 0.0705	0.964 ± 0.063	0.101	105	0.46
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.503 ± 0.03	0.0739	102	0.14
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.818 ± 0.127	0.21	113	0.98
Propazine	µg/l	1.13 ± 0.0632	1.264 ± 0.107	0.147	112	0.92
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	1.066 ± 0.075	0.133	112	0.85
Thiamethoxam	µg/l	1.45 ± 0.116	1.521 ± 0.114	0.246	105	0.30



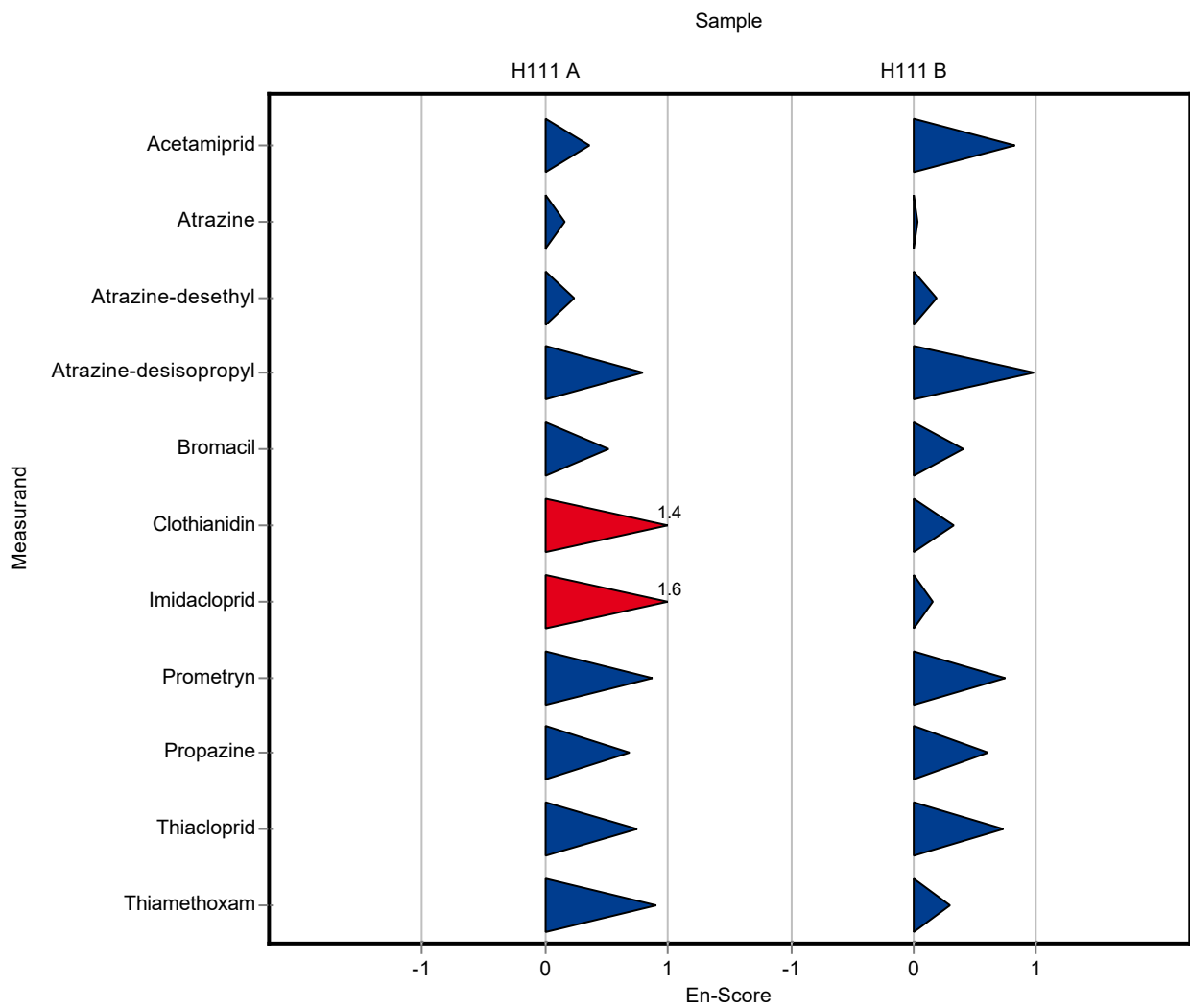
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.465 ± 0.019	0.0403	104	0.36
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.426 ± 0.055	0.045	104	0.15
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.609 ± 0.076	0.0687	106	0.24
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.443 ± 0.029	0.0554	112	0.79
Bromacil	µg/l	0.396 ± 0.0267	0.45 ± 0.05	0.0555	114	0.52
Clothianidin	µg/l	0.253 ± 0.022	0.318 ± 0.021	0.0279	126	1.36
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.208 ± 0.012	0.0247	126	1.58
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.322 ± 0.023	0.0363	115	0.88
Propazine	µg/l	0.269 ± 0.0111	0.306 ± 0.026	0.035	114	0.69
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.346 ± 0.024	0.043	113	0.74
Thiamethoxam	µg/l	0.256 ± 0.0126	0.297 ± 0.022	0.0435	116	0.90

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.624 ± 0.065	0.146	109	0.82
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score	
Atrazine	µg/l	1.17 ± 0.0497	1.181 ± 0.154	0.129	101	0.03
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.888 ± 0.111	0.102	105	0.18
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.719 ± 0.112	0.208	115	0.98
Bromacil	µg/l	0.895 ± 0.0512	0.984 ± 0.108	0.125	110	0.40
Clothianidin	µg/l	0.917 ± 0.0705	0.964 ± 0.063	0.101	105	0.32
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.503 ± 0.03	0.0739	102	0.16
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.818 ± 0.127	0.21	113	0.74
Propazine	µg/l	1.13 ± 0.0632	1.264 ± 0.107	0.147	112	0.60
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	1.066 ± 0.075	0.133	112	0.73
Thiamethoxam	µg/l	1.45 ± 0.116	1.521 ± 0.114	0.246	105	0.29



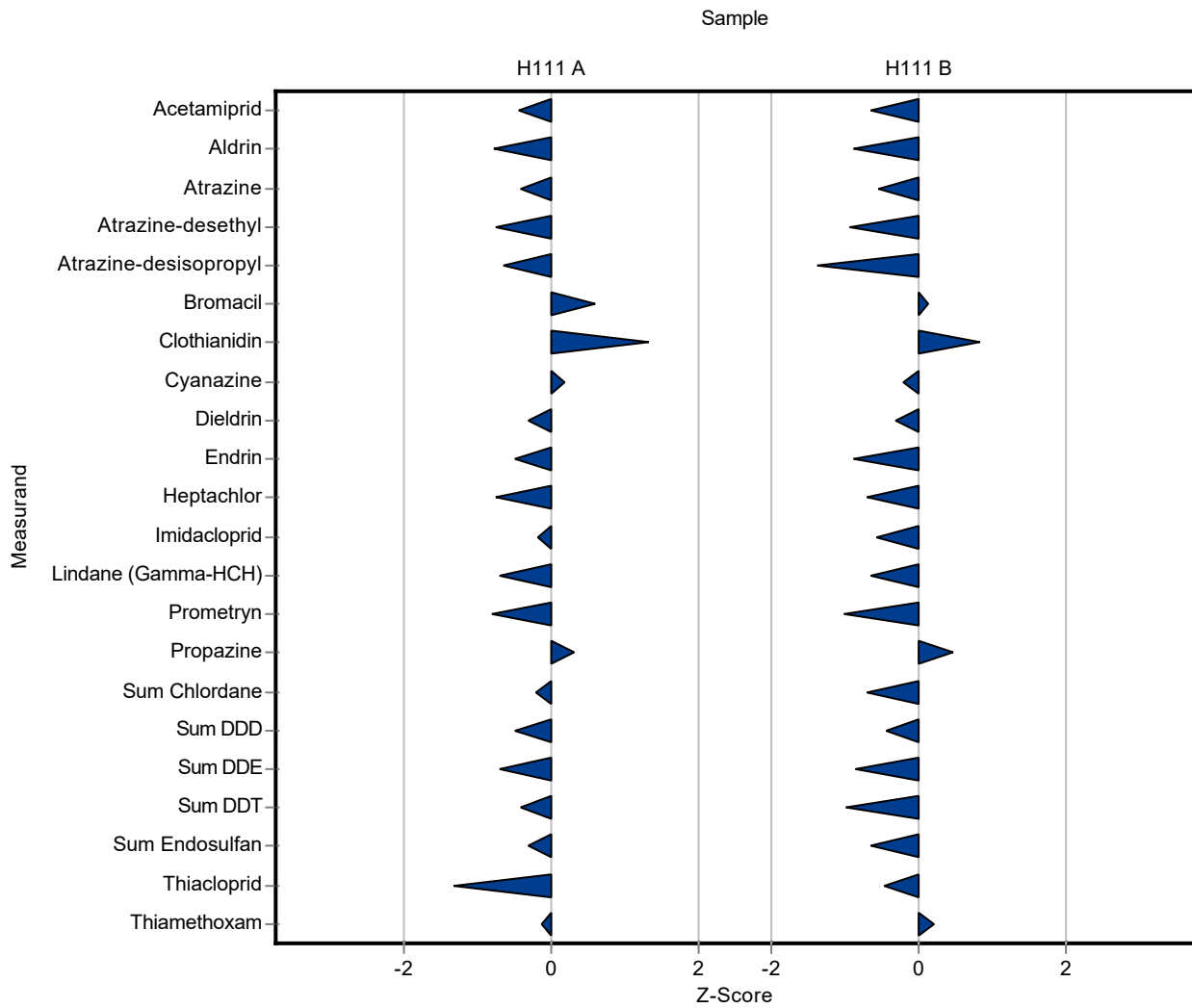
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.43 ± 0.21	0.0403	96.1	-0.44
Aldrin	µg/l	0.307 ± 0.0373	0.2 ± 0.1	0.135	65.1	-0.79
Atrazine	µg/l	0.409 ± 0.0147	0.39 ± 0.19	0.045	95.3	-0.43
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.52 ± 0.26	0.0687	90.9	-0.76
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.36 ± 0.19	0.0554	91	-0.64
Bromacil	µg/l	0.396 ± 0.0267	0.43 ± 0.21	0.0555	109	0.61
Clothianidin	µg/l	0.253 ± 0.022	0.29 ± 0.15	0.0279	114	1.32
Cyanazine	µg/l	0.565 ± 0.036	0.58 ± 0.29	0.0791	103	0.19
Dieldrin	µg/l	0.387 ± 0.0252	0.36 ± 0.18	0.0889	93.1	-0.30
Dinotefurane	µg/l	- ± -	0.36 ± 0.18	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.38 ± 0.19	0.0749	91.3	-0.48
Heptachlor	µg/l	0.277 ± 0.00881	0.18 ± 0.09	0.128	64.9	-0.76
Imidacloprid	µg/l	0.165 ± 0.0133	0.16 ± 0.08	0.0247	97.2	-0.19
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.3 ± 0.15	0.0698	86	-0.70
Nitenpyram	µg/l	- ± -	0.27 ± 0.14	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.25 ± 0.13	0.0363	89.6	-0.80
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.14	0.035	104	0.30
Sum Chlordane	µg/l	0.202 ± 0.0192	0.19 ± 0.093	0.0606	94	-0.20
Sum DDD	µg/l	0.734 ± 0.0881	0.6 ± 0.3	0.272	81.7	-0.49
Sum DDE	µg/l	0.74 ± 0.0897	0.55 ± 0.28	0.274	74.3	-0.69
Sum DDT	µg/l	0.513 ± 0.0499	0.43 ± 0.22	0.2	83.8	-0.42
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.25 ± 0.12	0.117	87.5	-0.31
Thiacloprid	µg/l	0.307 ± 0.0214	0.25 ± 0.12	0.043	81.4	-1.33
Thiamethoxam	µg/l	0.256 ± 0.0126	0.25 ± 0.12	0.0435	97.7	-0.13

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.4 ± 0.7	0.146	93.7	-0.64
Aldrin	µg/l	0.52 ± 0.066	0.32 ± 0.16	0.229	61.5	-0.87

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.1 ± 0.55	0.129	94	-0.55
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.75 ± 0.38	0.102	88.6	-0.95
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.2 ± 0.6	0.208	80.6	-1.39
Bromacil	µg/l	0.895 ± 0.0512	0.91 ± 0.46	0.125	102	0.12
Clothianidin	µg/l	0.917 ± 0.0705	1 ± 0.5	0.101	109	0.82
Cyanazine	µg/l	1.44 ± 0.0964	1.4 ± 0.7	0.202	97.1	-0.20
Dieldrin	µg/l	0.763 ± 0.0561	0.71 ± 0.36	0.176	93	-0.30
Dinotefurane	µg/l	- ± -	0.86 ± 0.43	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.76 ± 0.38	0.162	84.2	-0.88
Heptachlor	µg/l	0.596 ± 0.039	0.4 ± 0.2	0.274	67.1	-0.71
Imidacloprid	µg/l	0.493 ± 0.0251	0.45 ± 0.23	0.0739	91.3	-0.58
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.73 ± 0.37	0.168	87.1	-0.65
Nitenpyram	µg/l	- ± -	0.78 ± 0.39	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.4 ± 0.72	0.21	86.9	-1.01
Propazine	µg/l	1.13 ± 0.0632	1.2 ± 0.58	0.147	106	0.48
Sum Chlordane	µg/l	0.648 ± 0.0951	0.51 ± 0.25	0.194	78.7	-0.71
Sum DDD	µg/l	0.792 ± 0.138	0.66 ± 0.33	0.293	83.3	-0.45
Sum DDE	µg/l	0.672 ± 0.0945	0.46 ± 0.23	0.249	68.4	-0.85
Sum DDT	µg/l	0.633 ± 0.147	0.39 ± 0.2	0.247	61.6	-0.98
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.26 ± 0.13	0.145	73.6	-0.65
Thiacloprid	µg/l	0.952 ± 0.0399	0.89 ± 0.45	0.133	93.5	-0.47
Thiamethoxam	µg/l	1.45 ± 0.116	1.5 ± 0.74	0.246	104	0.21



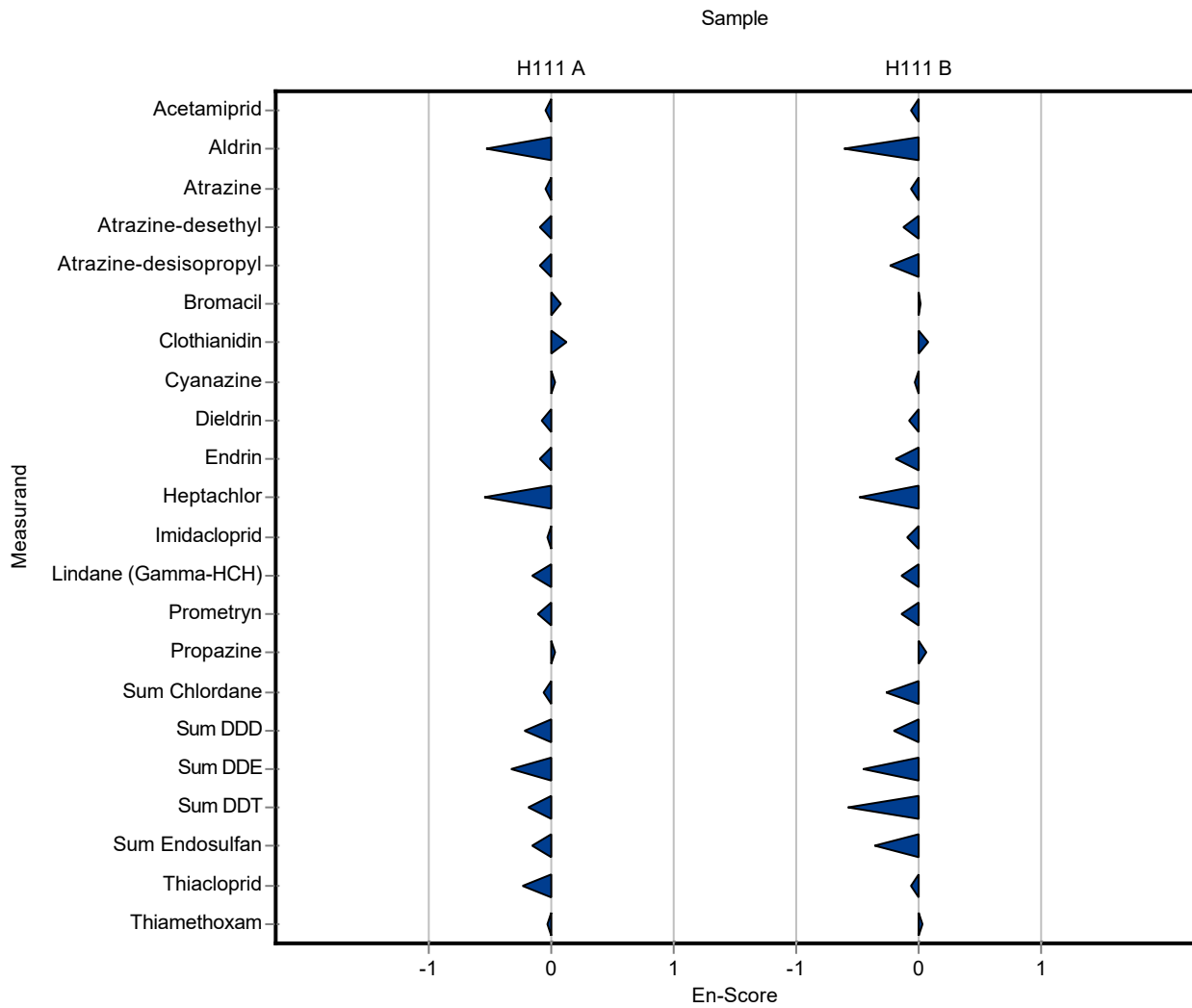
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.43 ± 0.21	0.0403	96.1	-0.04
Aldrin	µg/l	0.307 ± 0.0373	0.2 ± 0.1	0.135	65.1	-0.53
Atrazine	µg/l	0.409 ± 0.0147	0.39 ± 0.19	0.045	95.3	-0.05
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.52 ± 0.26	0.0687	90.9	-0.10
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.36 ± 0.19	0.0554	91	-0.09
Bromacil	µg/l	0.396 ± 0.0267	0.43 ± 0.21	0.0555	109	0.08
Clothianidin	µg/l	0.253 ± 0.022	0.29 ± 0.15	0.0279	114	0.12
Cyanazine	µg/l	0.565 ± 0.036	0.58 ± 0.29	0.0791	103	0.03
Dieldrin	µg/l	0.387 ± 0.0252	0.36 ± 0.18	0.0889	93.1	-0.07
Dinotefurane	µg/l	- ± -	0.36 ± 0.18	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.38 ± 0.19	0.0749	91.3	-0.09
Heptachlor	µg/l	0.277 ± 0.00881	0.18 ± 0.09	0.128	64.9	-0.54
Imidacloprid	µg/l	0.165 ± 0.0133	0.16 ± 0.08	0.0247	97.2	-0.03
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.3 ± 0.15	0.0698	86	-0.16
Nitenpyram	µg/l	- ± -	0.27 ± 0.14	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.25 ± 0.13	0.0363	89.6	-0.11
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.14	0.035	104	0.04
Sum Chlordane	µg/l	0.202 ± 0.0192	0.19 ± 0.093	0.0606	94	-0.06
Sum DDD	µg/l	0.734 ± 0.0881	0.6 ± 0.3	0.272	81.7	-0.22
Sum DDE	µg/l	0.74 ± 0.0897	0.55 ± 0.28	0.274	74.3	-0.34
Sum DDT	µg/l	0.513 ± 0.0499	0.43 ± 0.22	0.2	83.8	-0.19
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.25 ± 0.12	0.117	87.5	-0.15
Thiacloprid	µg/l	0.307 ± 0.0214	0.25 ± 0.12	0.043	81.4	-0.24
Thiamethoxam	µg/l	0.256 ± 0.0126	0.25 ± 0.12	0.0435	97.7	-0.02

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.4 ± 0.7	0.146	93.7	-0.07
Aldrin	µg/l	0.52 ± 0.066	0.32 ± 0.16	0.229	61.5	-0.61

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.1 ± 0.55	0.129	94	-0.06
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.75 ± 0.38	0.102	88.6	-0.13
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.2 ± 0.6	0.208	80.6	-0.24
Bromacil	µg/l	0.895 ± 0.0512	0.91 ± 0.46	0.125	102	0.02
Clothianidin	µg/l	0.917 ± 0.0705	1 ± 0.5	0.101	109	0.08
Cyanazine	µg/l	1.44 ± 0.0964	1.4 ± 0.7	0.202	97.1	-0.03
Dieldrin	µg/l	0.763 ± 0.0561	0.71 ± 0.36	0.176	93	-0.07
Dinotefurane	µg/l	- ± -	0.86 ± 0.43	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.76 ± 0.38	0.162	84.2	-0.18
Heptachlor	µg/l	0.596 ± 0.039	0.4 ± 0.2	0.274	67.1	-0.49
Imidacloprid	µg/l	0.493 ± 0.0251	0.45 ± 0.23	0.0739	91.3	-0.09
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.73 ± 0.37	0.168	87.1	-0.14
Nitenpyram	µg/l	- ± -	0.78 ± 0.39	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.4 ± 0.72	0.21	86.9	-0.15
Propazine	µg/l	1.13 ± 0.0632	1.2 ± 0.58	0.147	106	0.06
Sum Chlordane	µg/l	0.648 ± 0.0951	0.51 ± 0.25	0.194	78.7	-0.27
Sum DDD	µg/l	0.792 ± 0.138	0.66 ± 0.33	0.293	83.3	-0.20
Sum DDE	µg/l	0.672 ± 0.0945	0.46 ± 0.23	0.249	68.4	-0.45
Sum DDT	µg/l	0.633 ± 0.147	0.39 ± 0.2	0.247	61.6	-0.57
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.26 ± 0.13	0.145	73.6	-0.35
Thiacloprid	µg/l	0.952 ± 0.0399	0.89 ± 0.45	0.133	93.5	-0.07
Thiamethoxam	µg/l	1.45 ± 0.116	1.5 ± 0.74	0.246	104	0.04



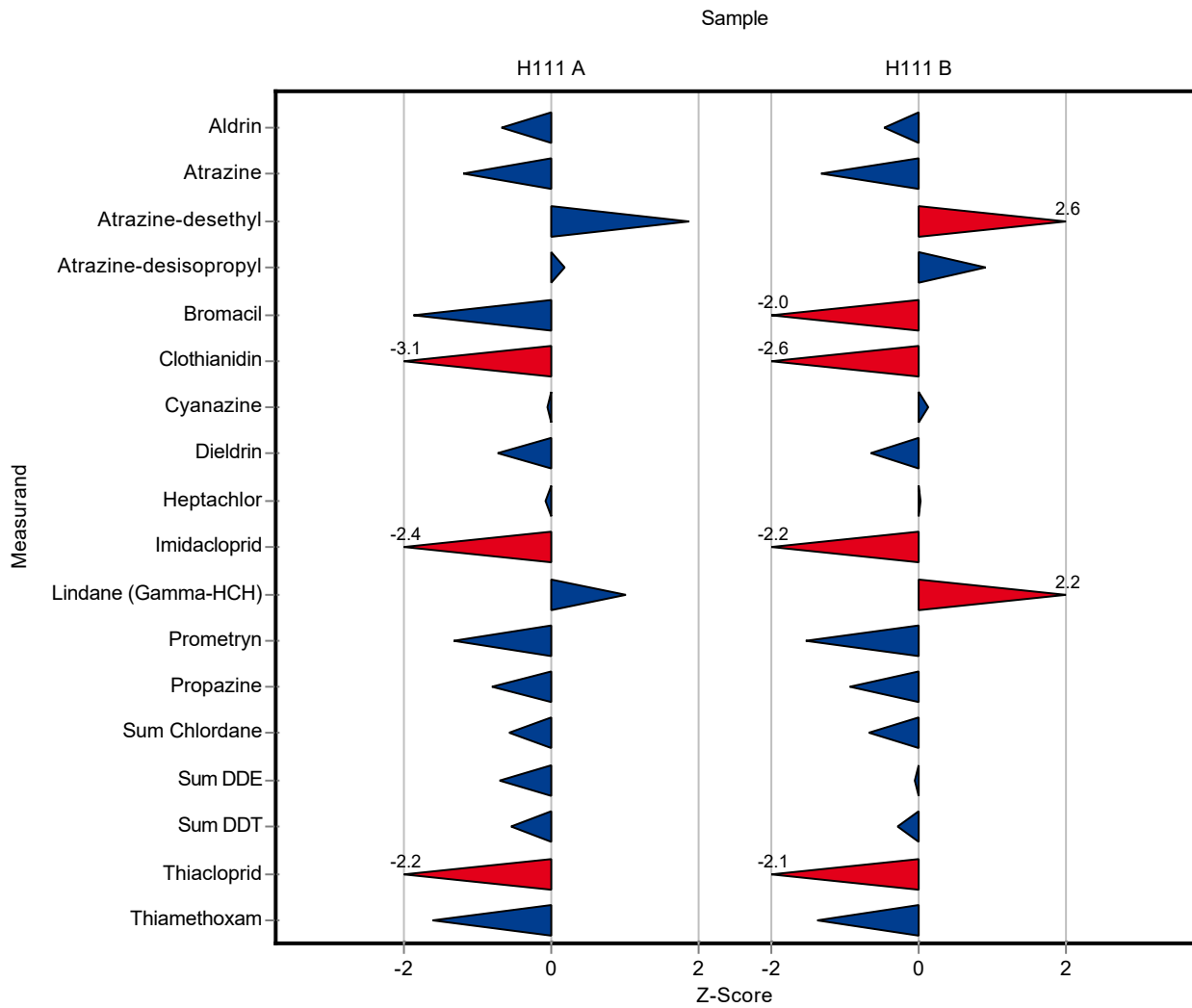
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.216 ± 0.043	0.135	70.4	-0.67
Atrazine	µg/l	0.409 ± 0.0147	0.355 ± 0.071	0.045	86.8	-1.20
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.702 ± 0.14	0.0687	123	1.89
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.406 ± 0.081	0.0554	103	0.19
Bromacil	µg/l	0.396 ± 0.0267	0.292 ± 0.058	0.0555	73.7	-1.88
Clothianidin	µg/l	0.253 ± 0.022	0.166 ± 0.033	0.0279	65.5	-3.13
Cyanazine	µg/l	0.565 ± 0.036	0.56 ± 0.112	0.0791	99.1	-0.06
Dieldrin	µg/l	0.387 ± 0.0252	0.321 ± 0.064	0.0889	83	-0.74
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.268 ± 0.054	0.128	96.6	-0.07
Imidacloprid	µg/l	0.165 ± 0.0133	0.106 ± 0.027	0.0247	64.4	-2.37
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.419 ± 0.084	0.0698	120	1.00
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.231 ± 0.046	0.0363	82.8	-1.32
Propazine	µg/l	0.269 ± 0.0111	0.241 ± 0.048	0.035	89.5	-0.81
Sum Chlordane	µg/l	0.202 ± 0.0192	0.167 ± 0.033	0.0606	82.6	-0.58
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	0.544 ± 0.109	0.274	73.5	-0.72
Sum DDT	µg/l	0.513 ± 0.0499	0.405 ± 0.081	0.2	78.9	-0.54
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.213 ± 0.043	0.043	69.4	-2.19
Thiamethoxam	µg/l	0.256 ± 0.0126	0.186 ± 0.037	0.0435	72.7	-1.61

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.411 ± 0.082	0.229	79	-0.48

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1 ± 0.2	0.129	85.4	-1.32
Atrazine-desethyl	µg/l	0.846 ± 0.0593	1.11 ± 0.222	0.102	131	2.60
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.68 ± 0.337	0.208	113	0.92
Bromacil	µg/l	0.895 ± 0.0512	0.642 ± 0.128	0.125	71.7	-2.02
Clothianidin	µg/l	0.917 ± 0.0705	0.651 ± 0.13	0.101	71	-2.64
Cyanazine	µg/l	1.44 ± 0.0964	1.47 ± 0.294	0.202	102	0.14
Dieldrin	µg/l	0.763 ± 0.0561	0.648 ± 0.13	0.176	84.9	-0.66
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.605 ± 0.121	0.274	101	0.03
Imidacloprid	µg/l	0.493 ± 0.0251	0.332 ± 0.083	0.0739	67.4	-2.18
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	1.2 ± 0.24	0.168	143	2.16
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.29 ± 0.26	0.21	80	-1.54
Propazine	µg/l	1.13 ± 0.0632	0.993 ± 0.199	0.147	87.9	-0.93
Sum Chlordane	µg/l	0.648 ± 0.0951	0.514 ± 0.103	0.194	79.4	-0.69
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	0.657 ± 0.131	0.249	97.7	-0.06
Sum DDT	µg/l	0.633 ± 0.147	0.565 ± 0.113	0.247	89.2	-0.28
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.667 ± 0.133	0.133	70	-2.14
Thiamethoxam	µg/l	1.45 ± 0.116	1.11 ± 0.22	0.246	76.7	-1.37



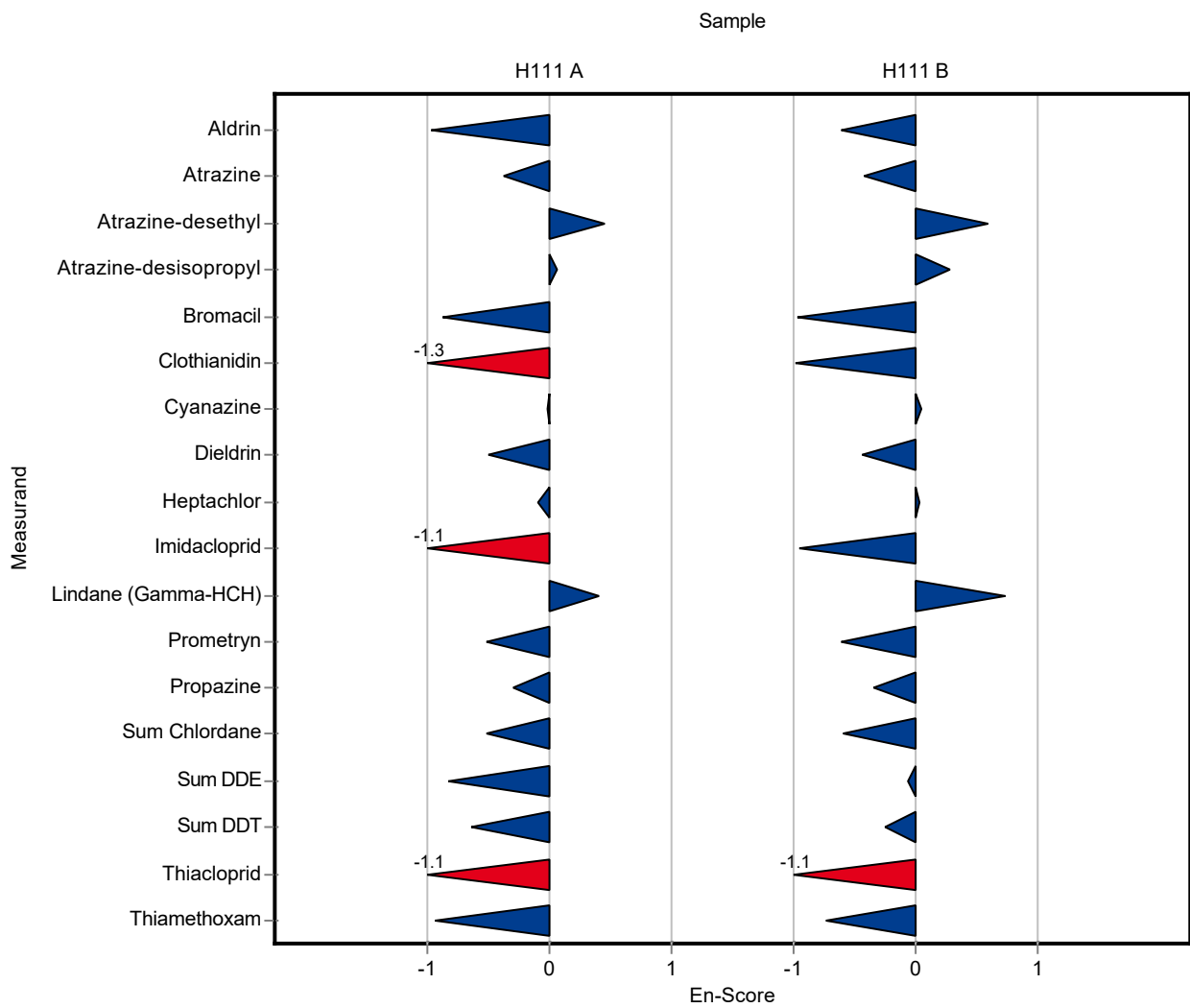
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.216 ± 0.043	0.135	70.4	-0.97
Atrazine	µg/l	0.409 ± 0.0147	0.355 ± 0.071	0.045	86.8	-0.38
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.702 ± 0.14	0.0687	123	0.46
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.406 ± 0.081	0.0554	103	0.06
Bromacil	µg/l	0.396 ± 0.0267	0.292 ± 0.058	0.0555	73.7	-0.87
Clothianidin	µg/l	0.253 ± 0.022	0.166 ± 0.033	0.0279	65.5	-1.25
Cyanazine	µg/l	0.565 ± 0.036	0.56 ± 0.112	0.0791	99.1	-0.02
Dieldrin	µg/l	0.387 ± 0.0252	0.321 ± 0.064	0.0889	83	-0.50
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.268 ± 0.054	0.128	96.6	-0.09
Imidacloprid	µg/l	0.165 ± 0.0133	0.106 ± 0.027	0.0247	64.4	-1.05
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.419 ± 0.084	0.0698	120	0.41
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.231 ± 0.046	0.0363	82.8	-0.51
Propazine	µg/l	0.269 ± 0.0111	0.241 ± 0.048	0.035	89.5	-0.29
Sum Chlordane	µg/l	0.202 ± 0.0192	0.167 ± 0.033	0.0606	82.6	-0.51
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	0.544 ± 0.109	0.274	73.5	-0.83
Sum DDT	µg/l	0.513 ± 0.0499	0.405 ± 0.081	0.2	78.9	-0.64
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.213 ± 0.043	0.043	69.4	-1.06
Thiamethoxam	µg/l	0.256 ± 0.0126	0.186 ± 0.037	0.0435	72.7	-0.93

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.411 ± 0.082	0.229	79	-0.62

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1 ± 0.2	0.129	85.4	-0.42
Atrazine-desethyl	µg/l	0.846 ± 0.0593	1.11 ± 0.222	0.102	131	0.59
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.68 ± 0.337	0.208	113	0.28
Bromacil	µg/l	0.895 ± 0.0512	0.642 ± 0.128	0.125	71.7	-0.97
Clothianidin	µg/l	0.917 ± 0.0705	0.651 ± 0.13	0.101	71	-0.99
Cyanazine	µg/l	1.44 ± 0.0964	1.47 ± 0.294	0.202	102	0.05
Dieldrin	µg/l	0.763 ± 0.0561	0.648 ± 0.13	0.176	84.9	-0.43
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.605 ± 0.121	0.274	101	0.04
Imidacloprid	µg/l	0.493 ± 0.0251	0.332 ± 0.083	0.0739	67.4	-0.96
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	1.2 ± 0.24	0.168	143	0.74
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.29 ± 0.26	0.21	80	-0.60
Propazine	µg/l	1.13 ± 0.0632	0.993 ± 0.199	0.147	87.9	-0.34
Sum Chlordane	µg/l	0.648 ± 0.0951	0.514 ± 0.103	0.194	79.4	-0.59
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	0.657 ± 0.131	0.249	97.7	-0.06
Sum DDT	µg/l	0.633 ± 0.147	0.565 ± 0.113	0.247	89.2	-0.25
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.667 ± 0.133	0.133	70	-1.06
Thiamethoxam	µg/l	1.45 ± 0.116	1.11 ± 0.22	0.246	76.7	-0.74



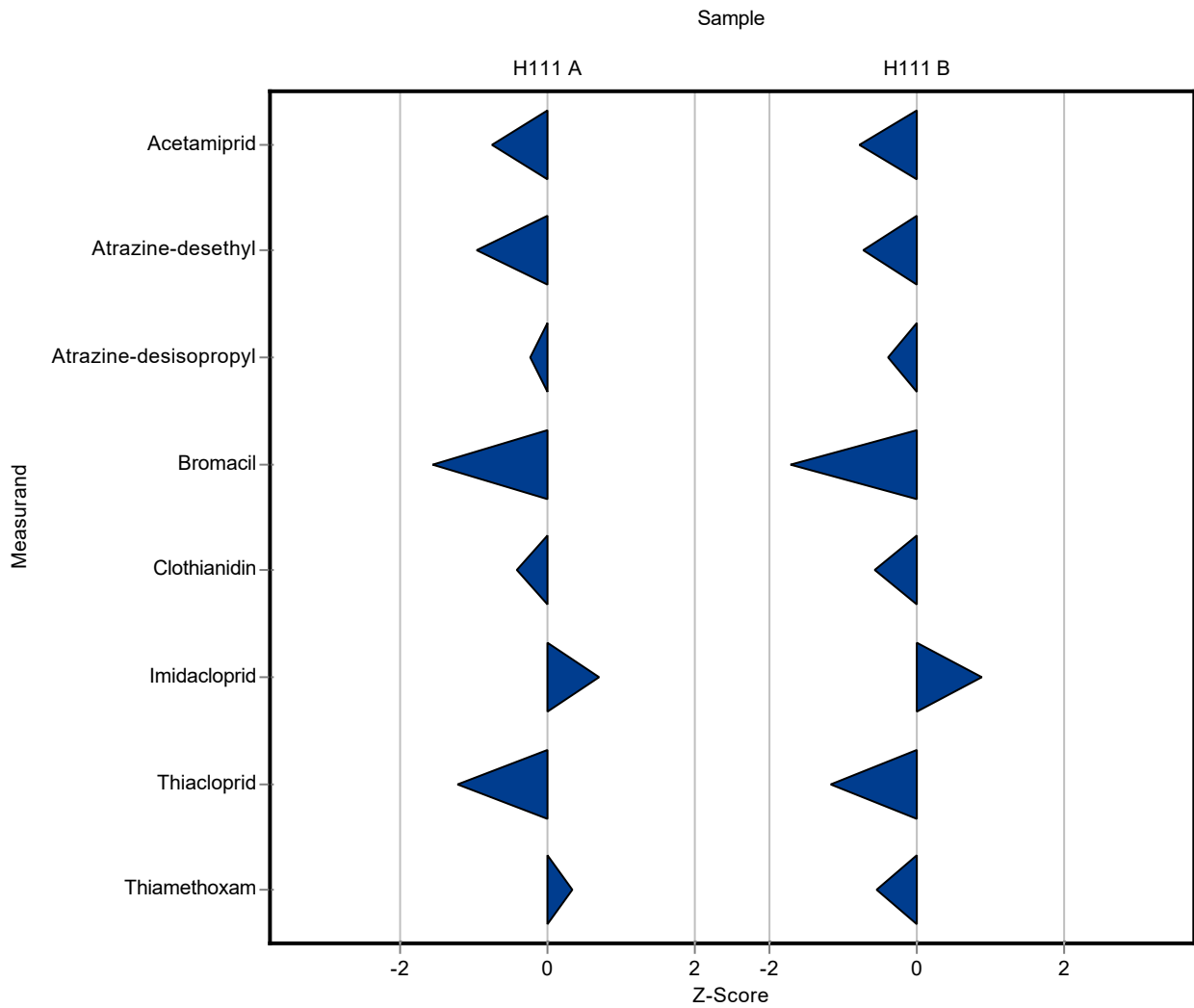
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.418 ± 0.16	0.0403	93.4	-0.73
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	- ± -	0.045	-	-
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.506 ± 0.18	0.0687	88.4	-0.97
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.383 ± 0.15	0.0554	96.9	-0.23
Bromacil	µg/l	0.396 ± 0.0267	0.31 ± 0.12	0.0555	78.3	-1.55
Clothianidin	µg/l	0.253 ± 0.022	0.242 ± 0.1	0.0279	95.5	-0.41
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.182 ± 0.08	0.0247	111	0.70
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.255 ± 0.1	0.043	83	-1.21
Thiamethoxam	µg/l	0.256 ± 0.0126	0.271 ± 0.11	0.0435	106	0.35

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.38 ± 0.4	0.146	92.4	-0.78
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	- ± -	0.129	-	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.772 ± 0.25	0.102	91.2	-0.73
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.408 ± 0.5	0.208	94.5	-0.39
Bromacil	µg/l	0.895 ± 0.0512	0.68 ± 0.23	0.125	76	-1.72
Clothianidin	µg/l	0.917 ± 0.0705	0.86 ± 0.28	0.101	93.8	-0.57
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.558 ± 0.2	0.0739	113	0.88
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.798 ± 0.26	0.133	83.8	-1.16
Thiamethoxam	µg/l	1.45 ± 0.116	1.316 ± 0.4	0.246	90.9	-0.53



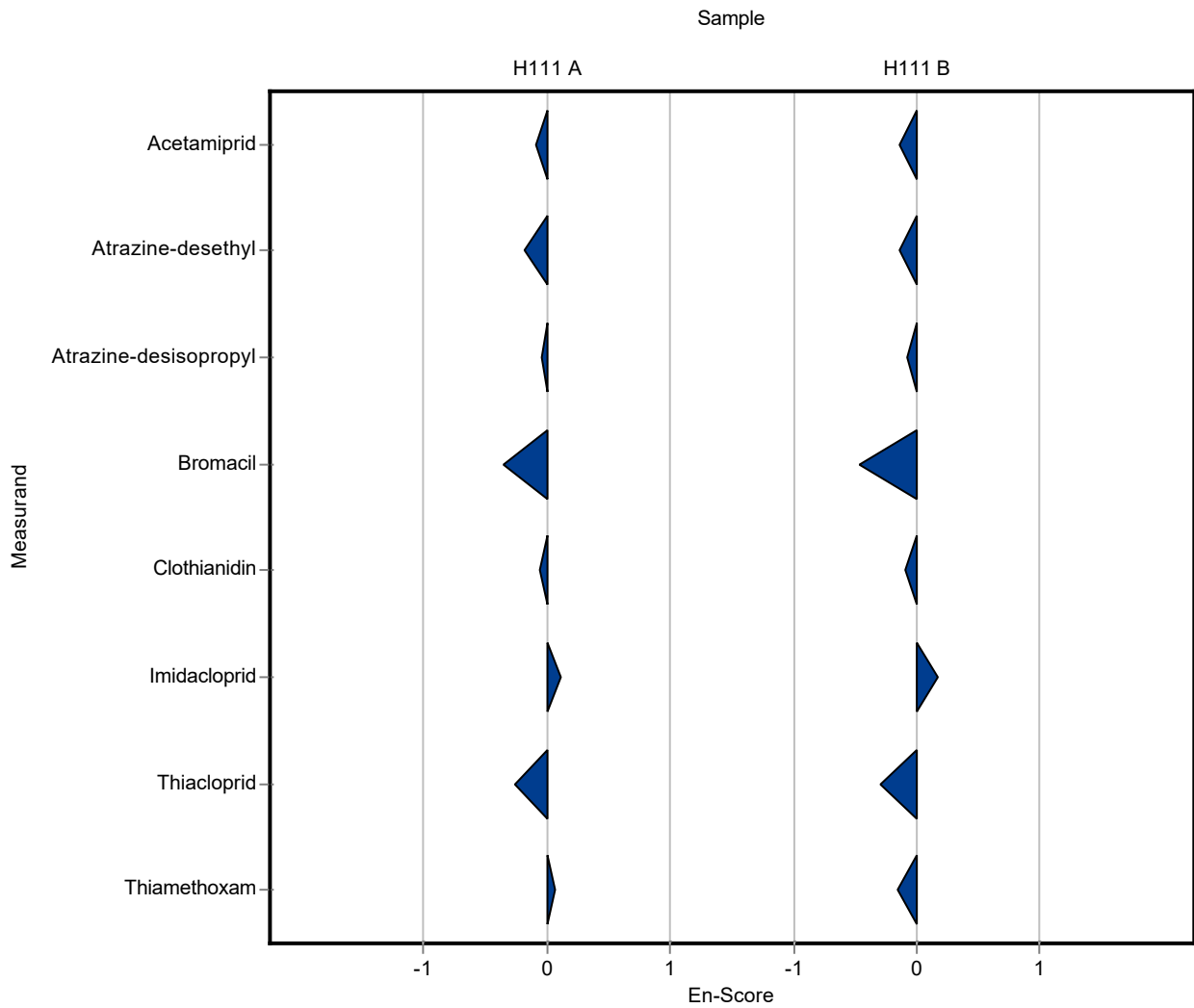
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.418 ± 0.16	0.0403	93.4	-0.09
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	- ± -	0.045	-	-
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.506 ± 0.18	0.0687	88.4	-0.18
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.383 ± 0.15	0.0554	96.9	-0.04
Bromacil	µg/l	0.396 ± 0.0267	0.31 ± 0.12	0.0555	78.3	-0.36
Clothianidin	µg/l	0.253 ± 0.022	0.242 ± 0.1	0.0279	95.5	-0.06
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.182 ± 0.08	0.0247	111	0.11
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.255 ± 0.1	0.043	83	-0.26
Thiamethoxam	µg/l	0.256 ± 0.0126	0.271 ± 0.11	0.0435	106	0.07

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.38 ± 0.4	0.146	92.4	-0.14
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	- ± -	0.129	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.772 ± 0.25	0.102	91.2
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.408 ± 0.5	0.208	94.5
Bromacil	µg/l	0.895 ± 0.0512	0.68 ± 0.23	0.125	76
Clothianidin	µg/l	0.917 ± 0.0705	0.86 ± 0.28	0.101	93.8
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.558 ± 0.2	0.0739	113
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.798 ± 0.26	0.133	83.8
Thiamethoxam	µg/l	1.45 ± 0.116	1.316 ± 0.4	0.246	90.9



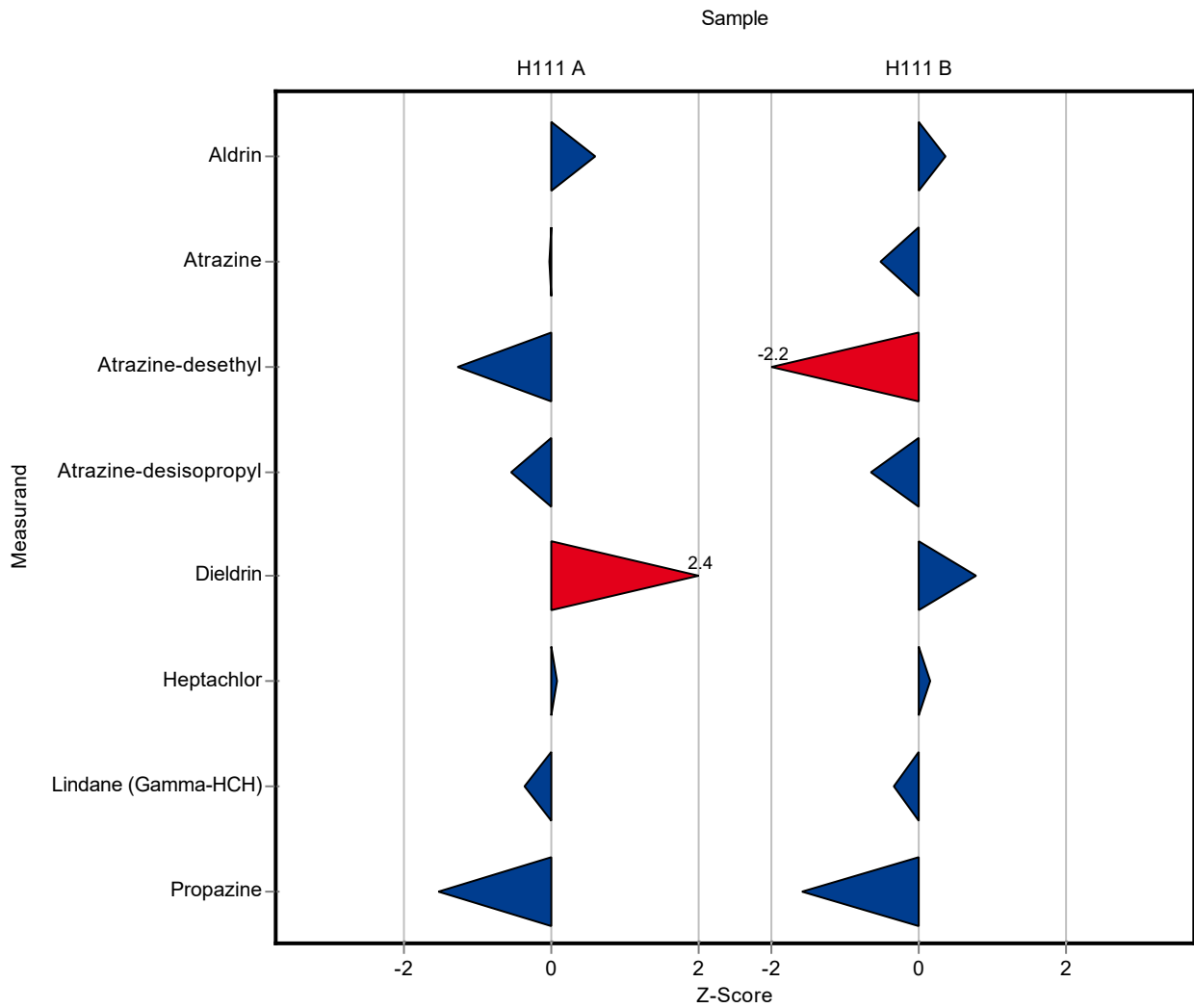
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.388 ± 0.078	0.135	126	0.60
Atrazine	µg/l	0.409 ± 0.0147	0.408 ± 0.09	0.045	99.7	-0.03
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.485 ± 0.087	0.0687	84.7	-1.27
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.365 ± 0.091	0.0554	92.3	-0.55
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.598 ± 0.108	0.0889	155	2.38
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.289 ± 0.095	0.128	104	0.09
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.324 ± 0.058	0.0698	92.9	-0.36
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.216 ± 0.026	0.035	80.2	-1.52
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.605 ± 0.121	0.229	116	0.37

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.102 ± 0.242	0.129	94.2	-0.53
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.627 ± 0.112	0.102	74.1	-2.16
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.354 ± 0.339	0.208	90.9	-0.65
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.9 ± 0.162	0.176	118	0.78
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.641 ± 0.211	0.274	108	0.16
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.782 ± 0.141	0.168	93.3	-0.34
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	0.896 ± 0.108	0.147	79.3	-1.59
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



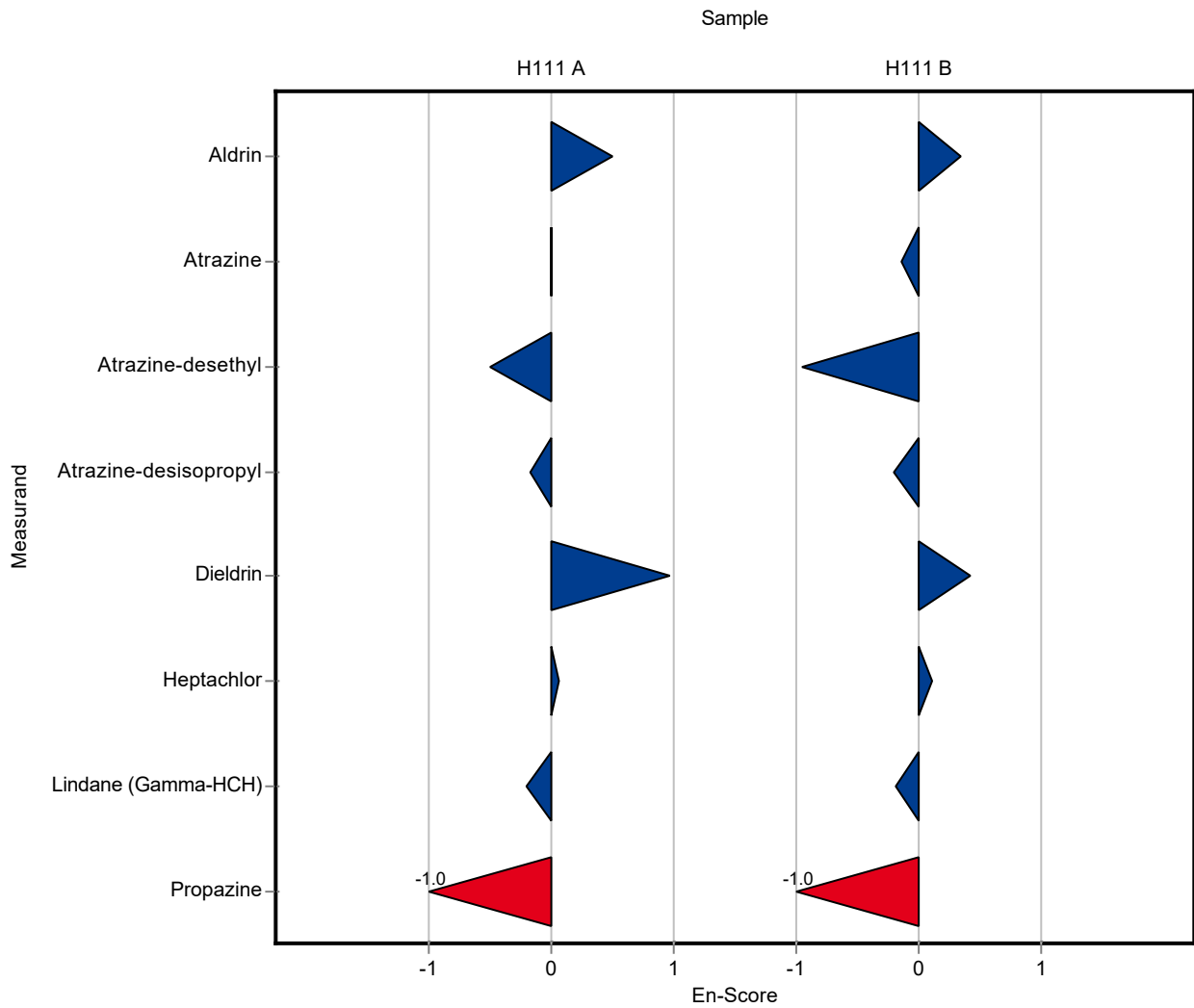
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.388 ± 0.078	0.135	126	0.51
Atrazine	µg/l	0.409 ± 0.0147	0.408 ± 0.09	0.045	99.7	-0.01
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.485 ± 0.087	0.0687	84.7	-0.50
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.365 ± 0.091	0.0554	92.3	-0.17
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.598 ± 0.108	0.0889	155	0.97
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.289 ± 0.095	0.128	104	0.06
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.324 ± 0.058	0.0698	92.9	-0.21
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.216 ± 0.026	0.035	80.2	-1.00
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.605 ± 0.121	0.229	116	0.34

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.102 ± 0.242	0.129	94.2	-0.14
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.627 ± 0.112	0.102	74.1	-0.95
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.354 ± 0.339	0.208	90.9	-0.20
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.9 ± 0.162	0.176	118	0.42
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.641 ± 0.211	0.274	108	0.11
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.782 ± 0.141	0.168	93.3	-0.19
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	0.896 ± 0.108	0.147	79.3	-1.04
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



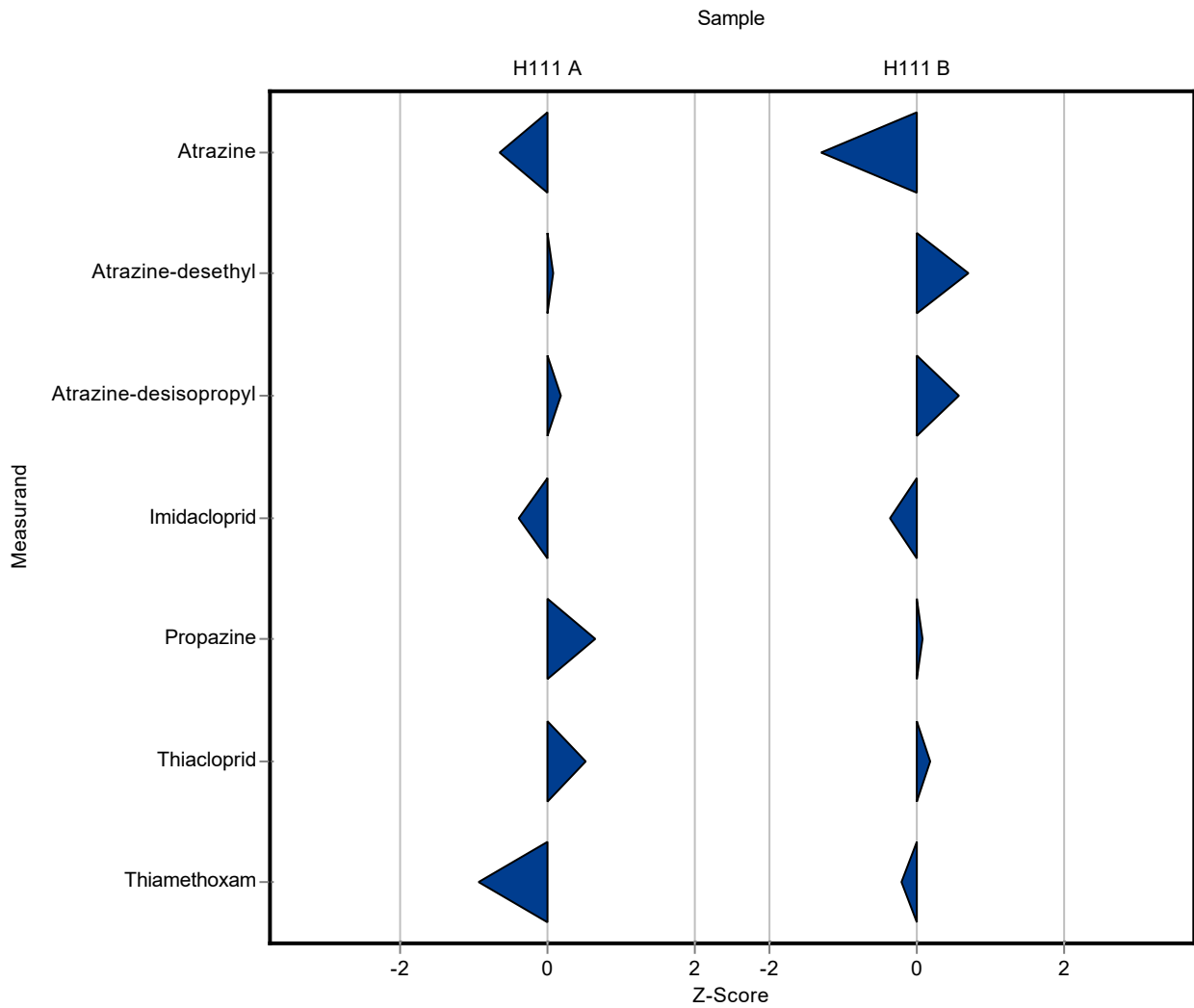
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.38 ± 0.095	0.045	92.9	-0.65
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.578 ± 0.173	0.0687	101	0.08
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.406 ± 0.061	0.0554	103	0.19
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.155 ± 0.023	0.0247	94.1	-0.39
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.292 ± 0.058	0.035	108	0.65
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.33 ± 0.083	0.043	107	0.53
Thiamethoxam	µg/l	0.256 ± 0.0126	0.215 ± 0.032	0.0435	84	-0.94

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.002 ± 0.251	0.129	85.6	-1.31
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.916 ± 0.275	0.102	108	0.69
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.606 ± 0.241	0.208	108	0.56
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.466 ± 0.07	0.0739	94.6	-0.36
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	1.142 ± 0.228	0.147	101	0.08
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.976 ± 0.244	0.133	102	0.18
Thiamethoxam	µg/l	1.45 ± 0.116	1.394 ± 0.209	0.246	96.3	-0.22



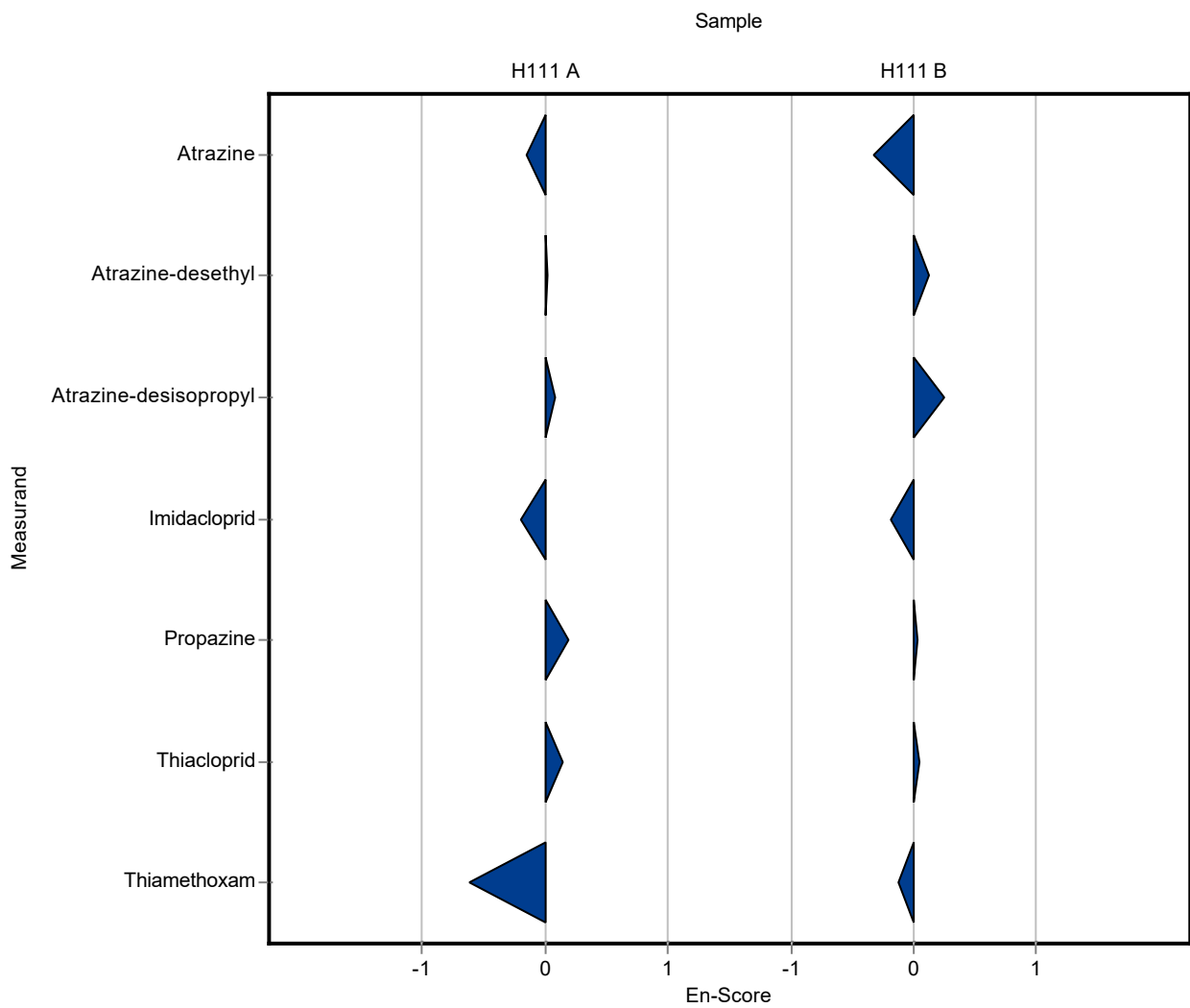
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.38 ± 0.095	0.045	92.9	-0.15
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.578 ± 0.173	0.0687	101	0.02
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.406 ± 0.061	0.0554	103	0.09
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.155 ± 0.023	0.0247	94.1	-0.20
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.292 ± 0.058	0.035	108	0.19
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.33 ± 0.083	0.043	107	0.14
Thiamethoxam	µg/l	0.256 ± 0.0126	0.215 ± 0.032	0.0435	84	-0.63

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.002 ± 0.251	0.129	85.6 -0.33
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.916 ± 0.275	0.102	108 0.13
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.606 ± 0.241	0.208	108 0.24
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	- -
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	- -
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	- -
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	- -
Dinotefurane	µg/l	- ± -	- ± -	-	- -
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	- -
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	- -
Imidacloprid	µg/l	0.493 ± 0.0251	0.466 ± 0.07	0.0739	94.6 -0.19
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	- -
Nitenpyram	µg/l	- ± -	- ± -	-	- -
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	- -
Propazine	µg/l	1.13 ± 0.0632	1.142 ± 0.228	0.147	101 0.03
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	- -
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	- -
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	- -
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	- -
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	- -
Thiacloprid	µg/l	0.952 ± 0.0399	0.976 ± 0.244	0.133	102 0.05
Thiamethoxam	µg/l	1.45 ± 0.116	1.394 ± 0.209	0.246	96.3 -0.12



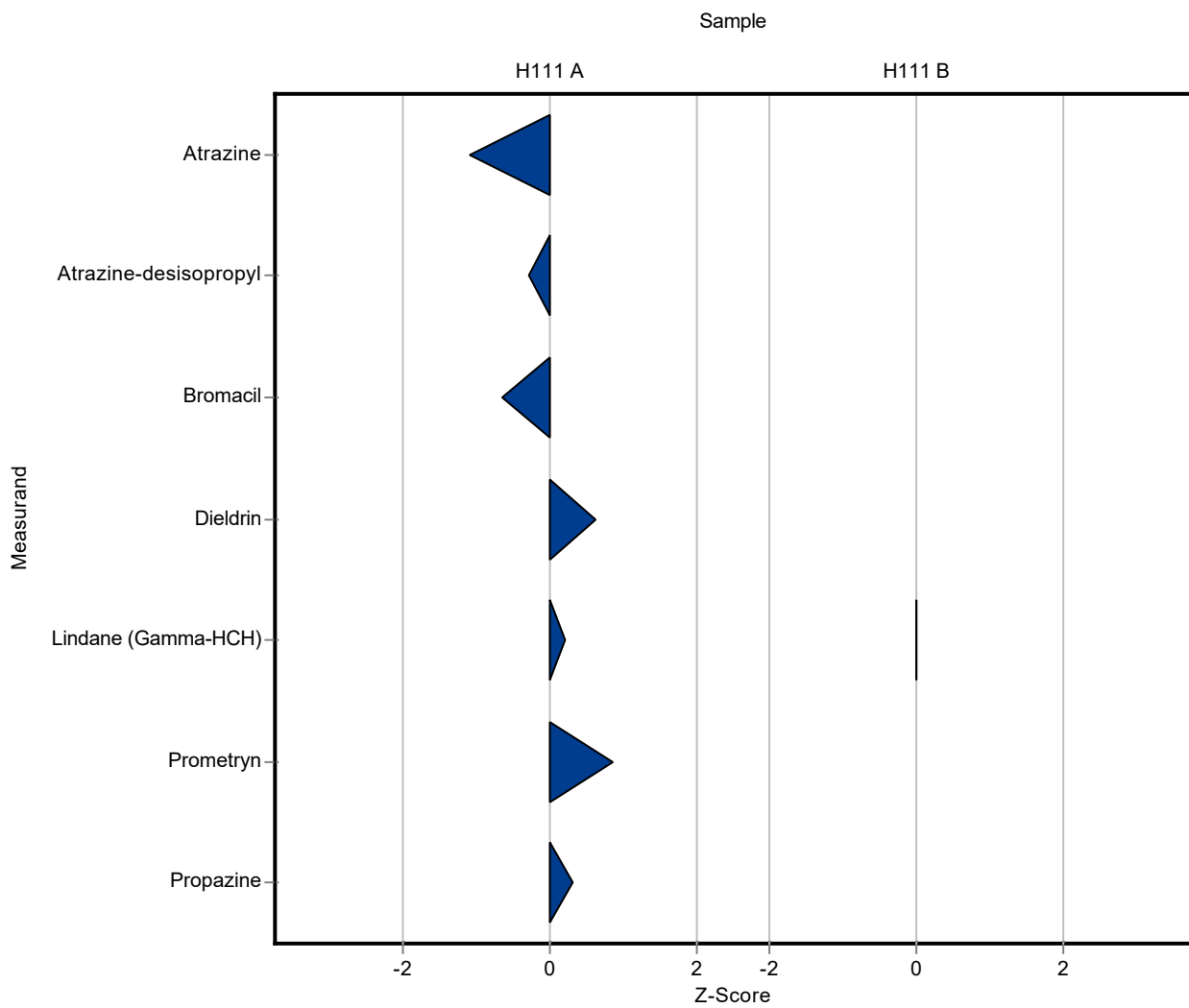
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.36 ± 0.1	0.045	88	-1.09
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.38 ± 0.1	0.0554	96.1	-0.28
Bromacil	µg/l	0.396 ± 0.0267	0.36 ± 0.1	0.0555	90.9	-0.65
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.443 ± 0.13	0.0889	115	0.63
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.363 ± 0.11	0.0698	104	0.20
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.31 ± 0.1	0.0363	111	0.86
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.1	0.035	104	0.30
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	- ± -	0.129	-	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-	-
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.839 ± 0.25	0.168	100	0.00
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



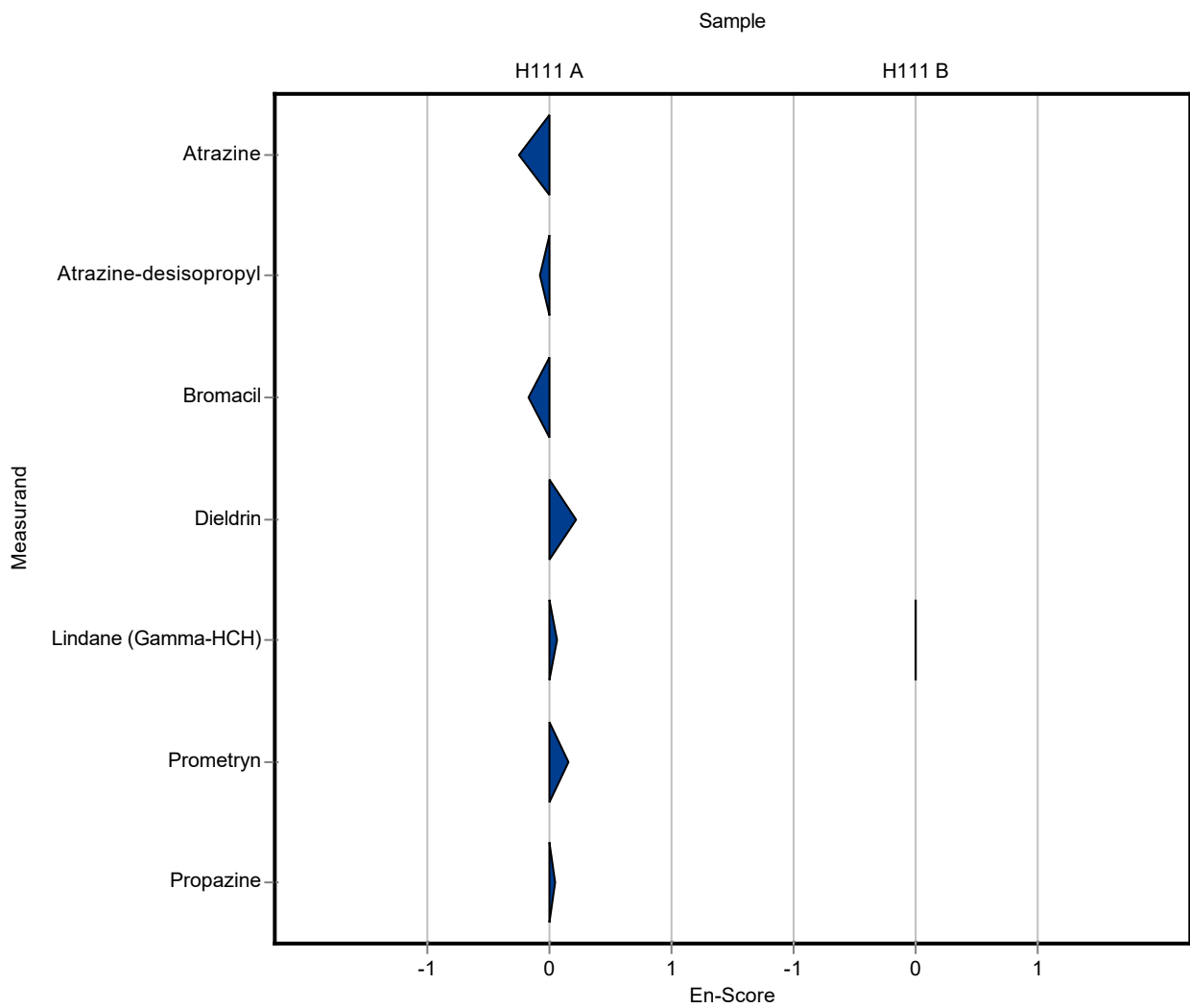
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.36 ± 0.1	0.045	88	-0.24
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.38 ± 0.1	0.0554	96.1	-0.08
Bromacil	µg/l	0.396 ± 0.0267	0.36 ± 0.1	0.0555	90.9	-0.18
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.443 ± 0.13	0.0889	115	0.22
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.363 ± 0.11	0.0698	104	0.06
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.31 ± 0.1	0.0363	111	0.15
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.1	0.035	104	0.05
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	- ± -	0.129	-	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-	-
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.839 ± 0.25	0.168	100	0.00
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



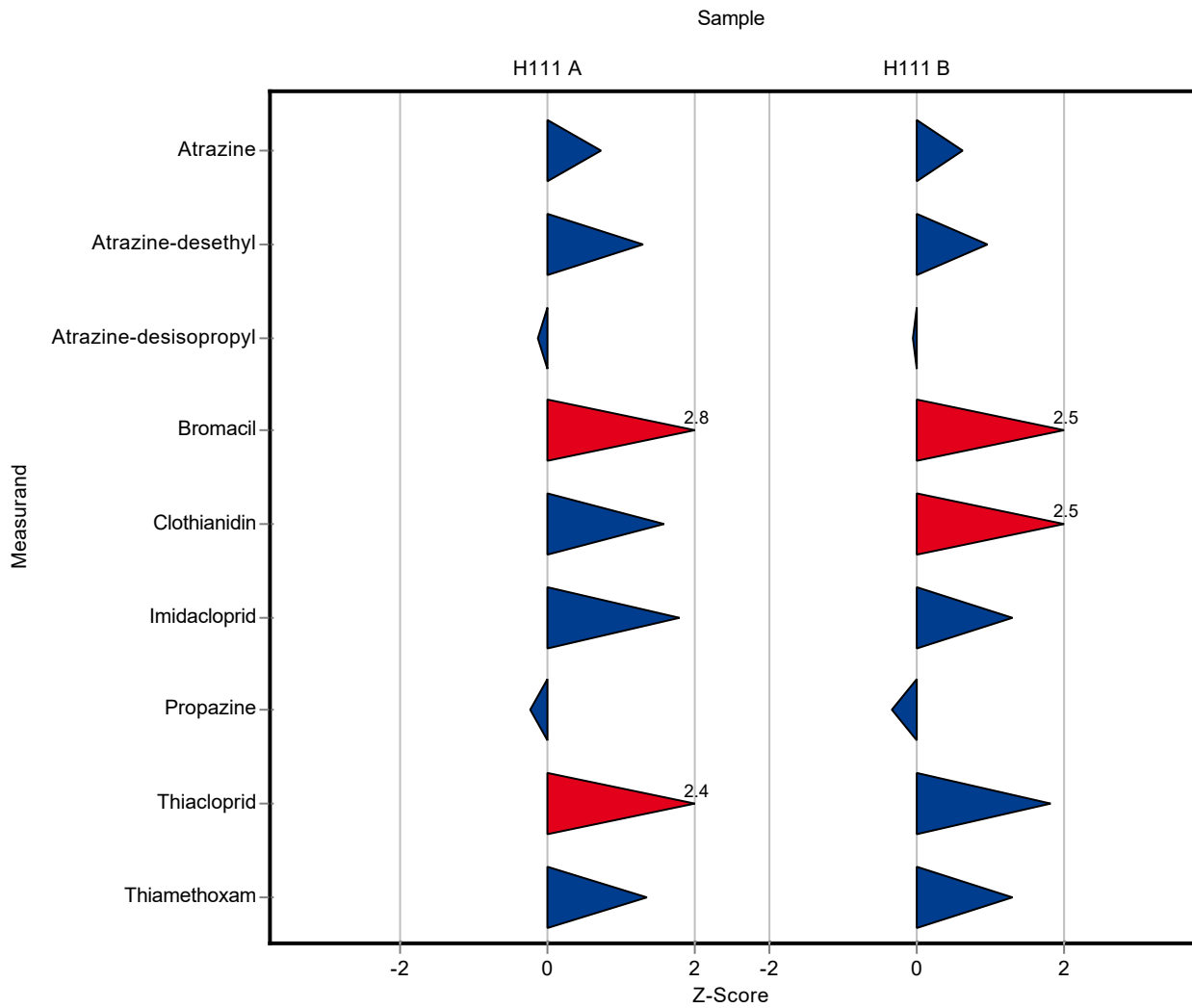
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.442 ± 0.097196	0.045	108	0.73
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.662 ± 0.129024	0.0687	116	1.31
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.389 ± 0.128992	0.0554	98.4	-0.12
Bromacil	µg/l	0.396 ± 0.0267	0.549 ± 0.13445	0.0555	139	2.76
Clothianidin	µg/l	0.253 ± 0.022	0.297 ± 0.045382	0.0279	117	1.57
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.209 ± 0.047255	0.0247	127	1.80
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.261 ± 0.088688	0.035	96.9	-0.24
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.409 ± 0.061514	0.043	133	2.37
Thiamethoxam	µg/l	0.256 ± 0.0126	0.315 ± 0.107352	0.0435	123	1.36

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.25 ± 0.274875	0.129	107	0.62
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.943 ± 0.183791	0.102	111	0.95
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.477 ± 0.489773	0.208	99.2	-0.06
Bromacil	µg/l	0.895 ± 0.0512	1.204 ± 0.29486	0.125	135	2.47
Clothianidin	µg/l	0.917 ± 0.0705	1.167 ± 0.178318	0.101	127	2.48
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.588 ± 0.132947	0.0739	119	1.29
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	1.08 ± 0.366984	0.147	95.6	-0.34
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	1.195 ± 0.179728	0.133	125	1.82
Thiamethoxam	µg/l	1.45 ± 0.116	1.767 ± 0.602194	0.246	122	1.30



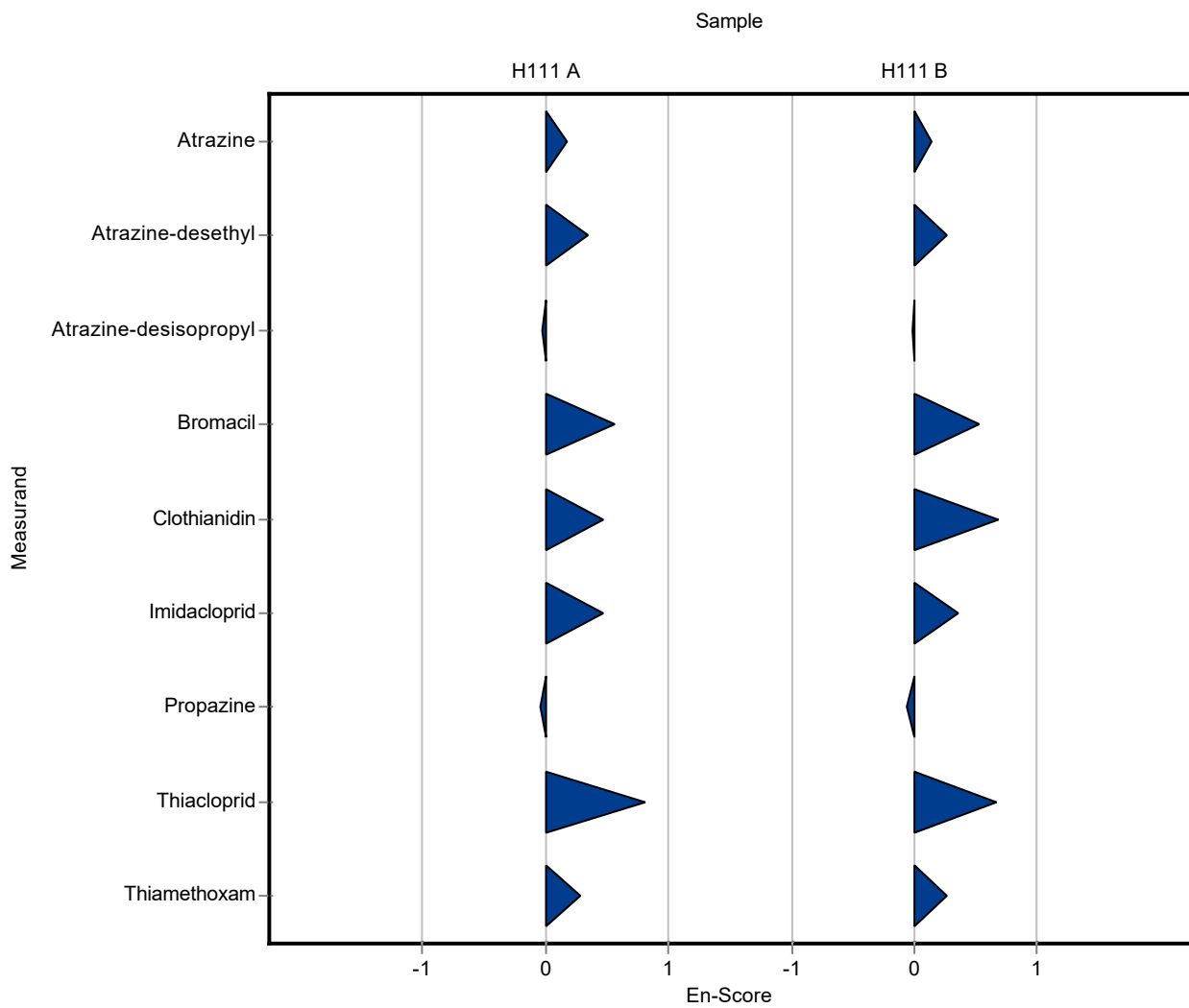
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.442 ± 0.097196	0.045	108	0.17
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.662 ± 0.129024	0.0687	116	0.34
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.389 ± 0.128992	0.0554	98.4	-0.02
Bromacil	µg/l	0.396 ± 0.0267	0.549 ± 0.13445	0.0555	139	0.57
Clothianidin	µg/l	0.253 ± 0.022	0.297 ± 0.045382	0.0279	117	0.47
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.209 ± 0.047255	0.0247	127	0.47
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.261 ± 0.088688	0.035	96.9	-0.05
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.409 ± 0.061514	0.043	133	0.82
Thiamethoxam	µg/l	0.256 ± 0.0126	0.315 ± 0.107352	0.0435	123	0.28

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	1.17 ± 0.0497	1.25 ± 0.274875	0.129	107	0.14
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.943 ± 0.183791	0.102	111	0.26
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.477 ± 0.489773	0.208	99.2	-0.01
Bromacil	µg/l	0.895 ± 0.0512	1.204 ± 0.29486	0.125	135	0.52
Clothianidin	µg/l	0.917 ± 0.0705	1.167 ± 0.178318	0.101	127	0.69
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.588 ± 0.132947	0.0739	119	0.36
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	1.08 ± 0.366984	0.147	95.6	-0.07
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	1.195 ± 0.179728	0.133	125	0.67
Thiamethoxam	µg/l	1.45 ± 0.116	1.767 ± 0.602194	0.246	122	0.26



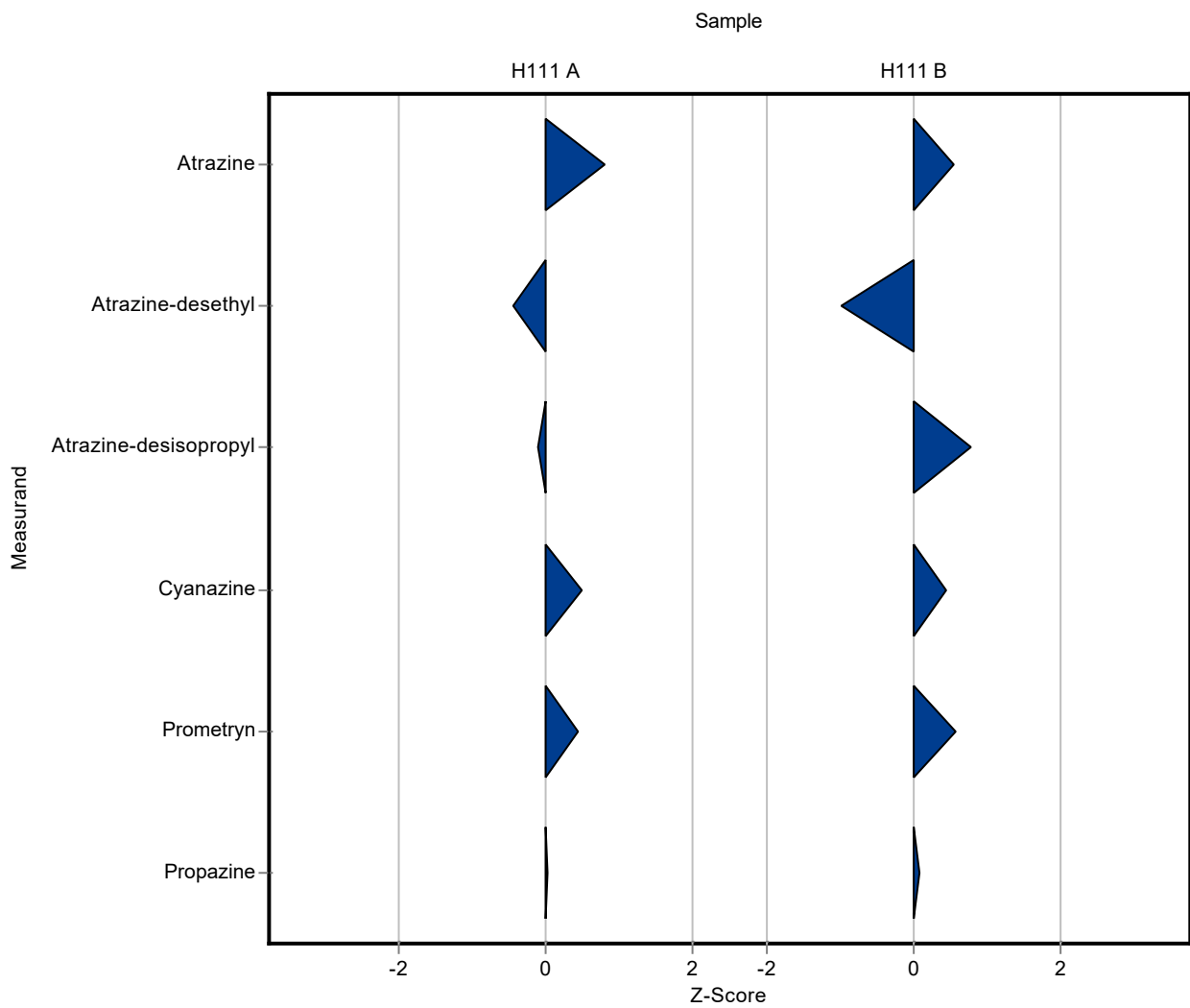
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.445 ± 0.02	0.045	109	0.80
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.542 ± 0.007	0.0687	94.7	-0.44
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.39 ± 0.007	0.0554	98.6	-0.10
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	0.604 ± 0.022	0.0791	107	0.49
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.295 ± 0.011	0.0363	106	0.44
Propazine	µg/l	0.269 ± 0.0111	0.27 ± 0.008	0.035	100	0.02
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.24 ± 0.039	0.129	106	0.54
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.747 ± 0.02	0.102	88.3	-0.98
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.65 ± 0.052	0.208	111	0.77
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	1.53 ± 0.083	0.202	106	0.44
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.73 ± 0.073	0.21	107	0.56
Propazine	µg/l	1.13 ± 0.0632	1.14 ± 0.026	0.147	101	0.07
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



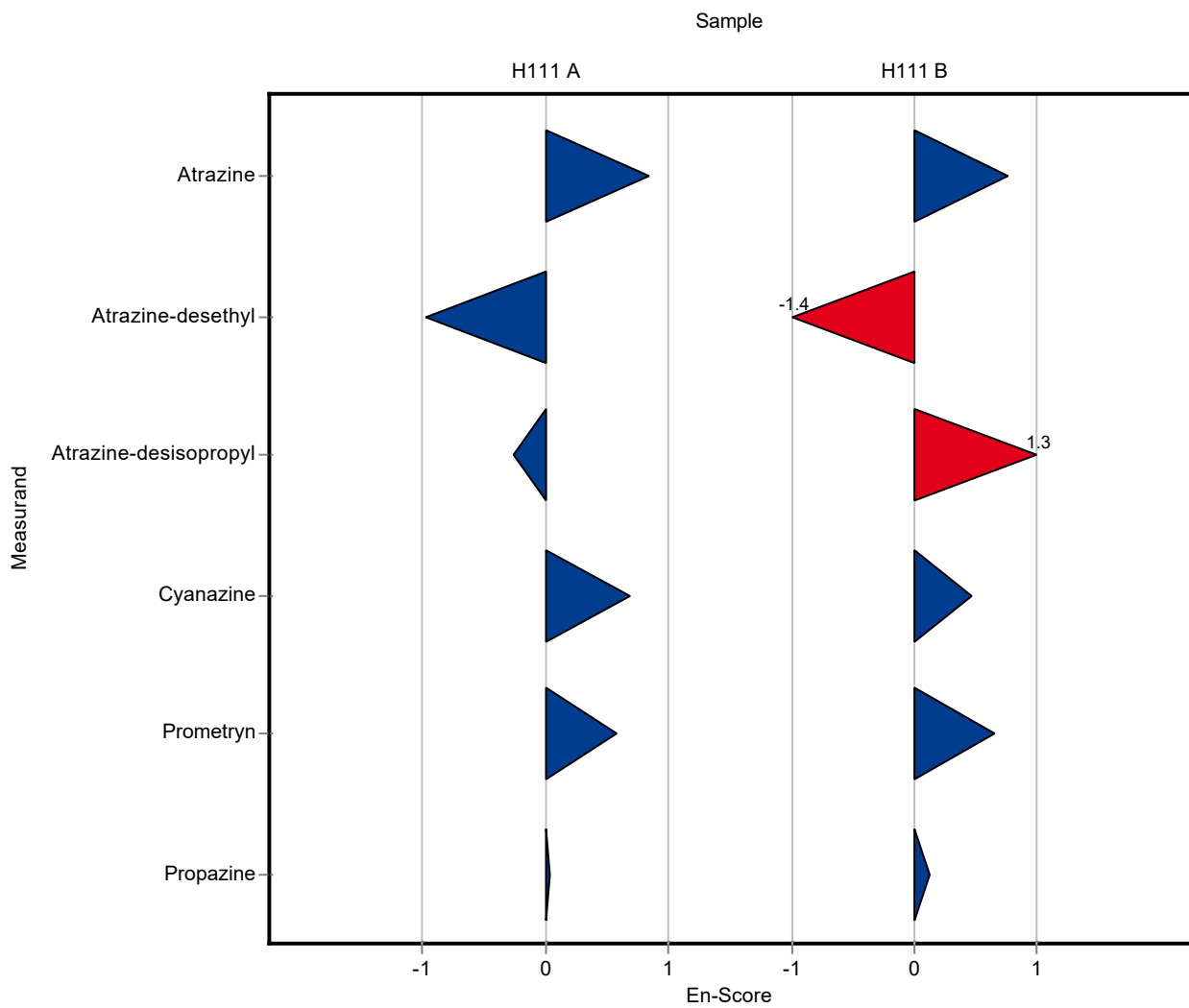
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.445 ± 0.02	0.045	109	0.84
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.542 ± 0.007	0.0687	94.7	-0.97
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.39 ± 0.007	0.0554	98.6	-0.26
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	0.604 ± 0.022	0.0791	107	0.69
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.295 ± 0.011	0.0363	106	0.57
Propazine	µg/l	0.269 ± 0.0111	0.27 ± 0.008	0.035	100	0.03
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.24 ± 0.039	0.129	106	0.75
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.747 ± 0.02	0.102	88.3	-1.39
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.65 ± 0.052	0.208	111	1.31
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	1.53 ± 0.083	0.202	106	0.46
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.73 ± 0.073	0.21	107	0.65
Propazine	µg/l	1.13 ± 0.0632	1.14 ± 0.026	0.147	101	0.13
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



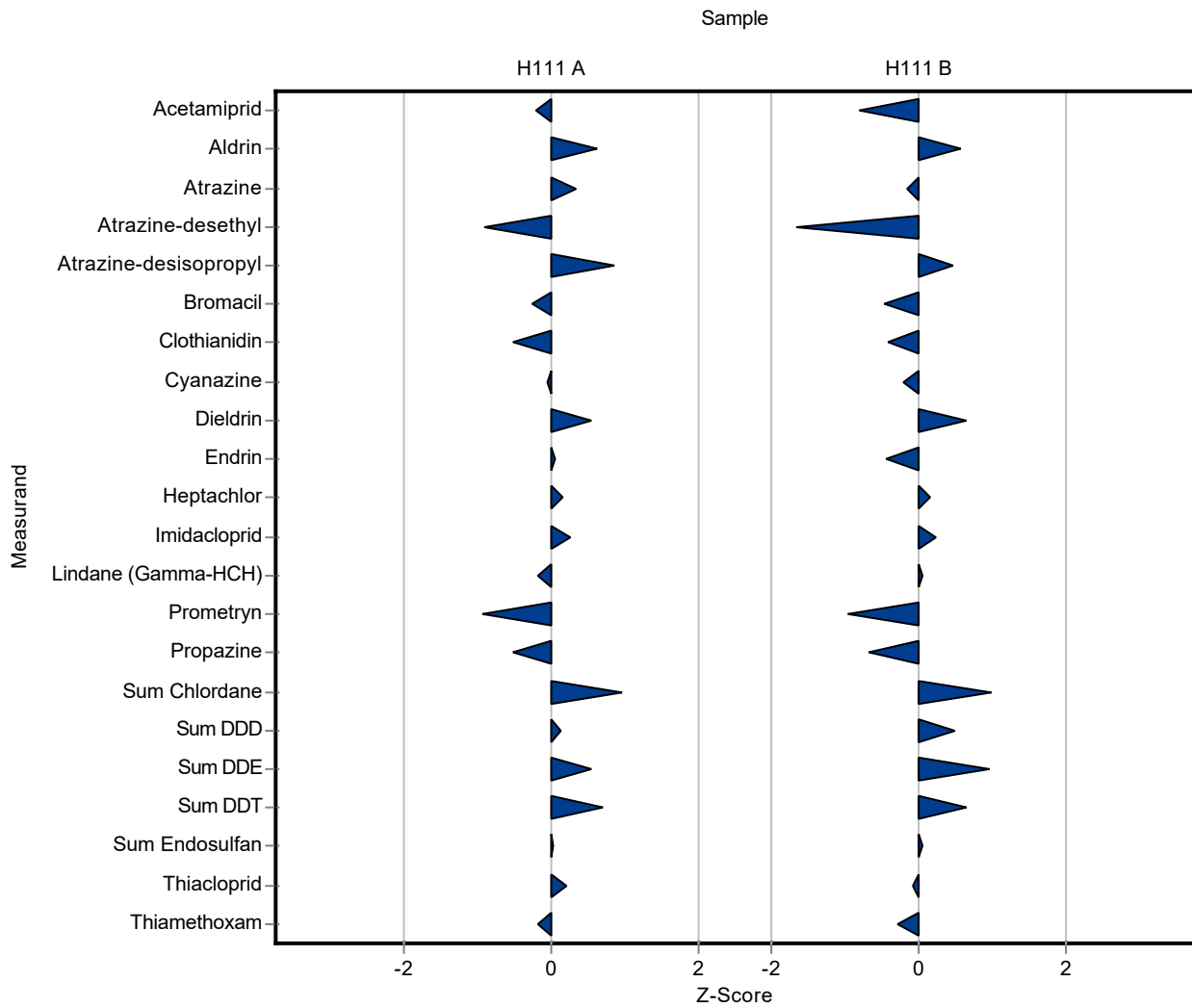
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.439 ± 0.026	0.0403	98.1	-0.21
Aldrin	µg/l	0.307 ± 0.0373	0.39 ± 0.066	0.135	127	0.61
Atrazine	µg/l	0.409 ± 0.0147	0.425 ± 0.087	0.045	104	0.35
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.51 ± 0.16	0.0687	89.1	-0.91
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.443 ± 0.089	0.0554	112	0.86
Bromacil	µg/l	0.396 ± 0.0267	0.382 ± 0.035	0.0555	96.4	-0.25
Clothianidin	µg/l	0.253 ± 0.022	0.239 ± 0.037	0.0279	94.4	-0.51
Cyanazine	µg/l	0.565 ± 0.036	0.561 ± 0.064	0.0791	99.3	-0.05
Dieldrin	µg/l	0.387 ± 0.0252	0.436 ± 0.081	0.0889	113	0.56
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.421 ± 0.063	0.0749	101	0.06
Heptachlor	µg/l	0.277 ± 0.00881	0.298 ± 0.055	0.128	107	0.16
Imidacloprid	µg/l	0.165 ± 0.0133	0.171 ± 0.031	0.0247	104	0.26
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.337 ± 0.03	0.0698	96.6	-0.17
Nitenpyram	µg/l	- ± -	0.309 ± 0.028	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.245 ± 0.024	0.0363	87.8	-0.94
Propazine	µg/l	0.269 ± 0.0111	0.251 ± 0.025	0.035	93.2	-0.52
Sum Chlordane	µg/l	0.202 ± 0.0192	0.26 ± 0.039	0.0606	129	0.95
Sum DDD	µg/l	0.734 ± 0.0881	0.771 ± 0.13	0.272	105	0.14
Sum DDE	µg/l	0.74 ± 0.0897	0.887 ± 0.15	0.274	120	0.54
Sum DDT	µg/l	0.513 ± 0.0499	0.655 ± 0.13	0.2	128	0.71
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.288 ± 0.043	0.117	101	0.02
Thiacloprid	µg/l	0.307 ± 0.0214	0.316 ± 0.026	0.043	103	0.21
Thiamethoxam	µg/l	0.256 ± 0.0126	0.248 ± 0.024	0.0435	96.9	-0.18

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.374 ± 0.08	0.146	92	-0.82
Aldrin	µg/l	0.52 ± 0.066	0.653 ± 0.11	0.229	126	0.58

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.15 ± 0.23	0.129	98.3	-0.16
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.676 ± 0.21	0.102	79.9	-1.68
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.585 ± 0.32	0.208	106	0.46
Bromacil	µg/l	0.895 ± 0.0512	0.836 ± 0.078	0.125	93.4	-0.47
Clothianidin	µg/l	0.917 ± 0.0705	0.875 ± 0.13	0.101	95.4	-0.42
Cyanazine	µg/l	1.44 ± 0.0964	1.4 ± 0.16	0.202	97.1	-0.20
Dieldrin	µg/l	0.763 ± 0.0561	0.876 ± 0.16	0.176	115	0.64
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.832 ± 0.13	0.162	92.2	-0.43
Heptachlor	µg/l	0.596 ± 0.039	0.639 ± 0.12	0.274	107	0.16
Imidacloprid	µg/l	0.493 ± 0.0251	0.51 ± 0.091	0.0739	103	0.23
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.846 ± 0.075	0.168	101	0.04
Nitenpyram	µg/l	- ± -	0.814 ± 0.074	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.41 ± 0.14	0.21	87.5	-0.96
Propazine	µg/l	1.13 ± 0.0632	1.03 ± 0.1	0.147	91.2	-0.68
Sum Chlordane	µg/l	0.648 ± 0.0951	0.84 ± 0.13	0.194	130	0.99
Sum DDD	µg/l	0.792 ± 0.138	0.937 ± 0.16	0.293	118	0.49
Sum DDE	µg/l	0.672 ± 0.0945	0.912 ± 0.15	0.249	136	0.96
Sum DDT	µg/l	0.633 ± 0.147	0.791 ± 0.15	0.247	125	0.64
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.36 ± 0.054	0.145	102	0.05
Thiacloprid	µg/l	0.952 ± 0.0399	0.941 ± 0.077	0.133	98.8	-0.08
Thiamethoxam	µg/l	1.45 ± 0.116	1.38 ± 0.13	0.246	95.3	-0.27



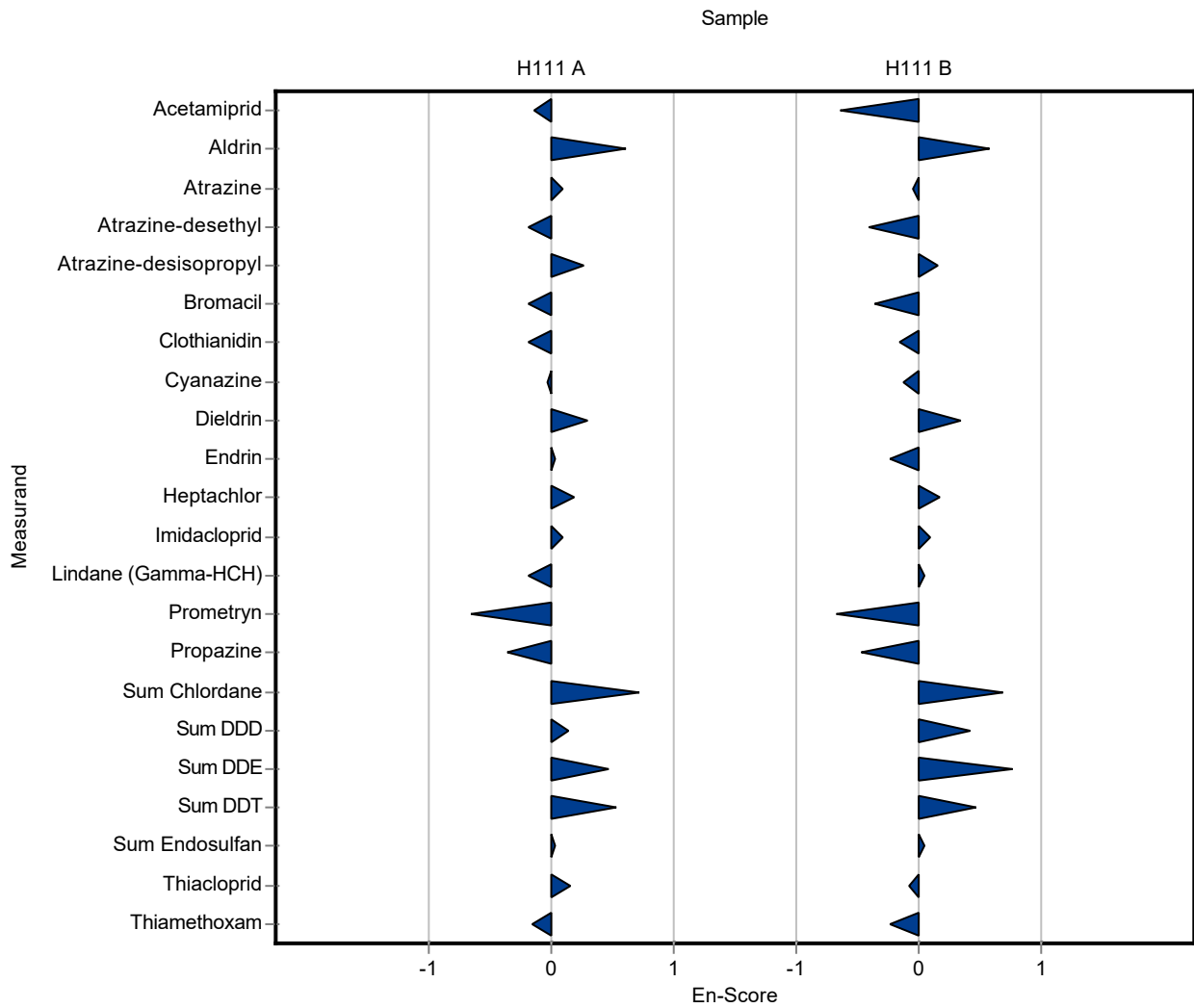
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.439 ± 0.026	0.0403	98.1	-0.14
Aldrin	µg/l	0.307 ± 0.0373	0.39 ± 0.066	0.135	127	0.60
Atrazine	µg/l	0.409 ± 0.0147	0.425 ± 0.087	0.045	104	0.09
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.51 ± 0.16	0.0687	89.1	-0.19
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.443 ± 0.089	0.0554	112	0.27
Bromacil	µg/l	0.396 ± 0.0267	0.382 ± 0.035	0.0555	96.4	-0.19
Clothianidin	µg/l	0.253 ± 0.022	0.239 ± 0.037	0.0279	94.4	-0.18
Cyanazine	µg/l	0.565 ± 0.036	0.561 ± 0.064	0.0791	99.3	-0.03
Dieldrin	µg/l	0.387 ± 0.0252	0.436 ± 0.081	0.0889	113	0.30
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.421 ± 0.063	0.0749	101	0.04
Heptachlor	µg/l	0.277 ± 0.00881	0.298 ± 0.055	0.128	107	0.19
Imidacloprid	µg/l	0.165 ± 0.0133	0.171 ± 0.031	0.0247	104	0.10
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.337 ± 0.03	0.0698	96.6	-0.18
Nitenpyram	µg/l	- ± -	0.309 ± 0.028	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.245 ± 0.024	0.0363	87.8	-0.66
Propazine	µg/l	0.269 ± 0.0111	0.251 ± 0.025	0.035	93.2	-0.36
Sum Chlordane	µg/l	0.202 ± 0.0192	0.26 ± 0.039	0.0606	129	0.72
Sum DDD	µg/l	0.734 ± 0.0881	0.771 ± 0.13	0.272	105	0.13
Sum DDE	µg/l	0.74 ± 0.0897	0.887 ± 0.15	0.274	120	0.47
Sum DDT	µg/l	0.513 ± 0.0499	0.655 ± 0.13	0.2	128	0.54
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.288 ± 0.043	0.117	101	0.02
Thiacloprid	µg/l	0.307 ± 0.0214	0.316 ± 0.026	0.043	103	0.16
Thiamethoxam	µg/l	0.256 ± 0.0126	0.248 ± 0.024	0.0435	96.9	-0.16

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.374 ± 0.08	0.146	92	-0.65
Aldrin	µg/l	0.52 ± 0.066	0.653 ± 0.11	0.229	126	0.58

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.15 ± 0.23	0.129	98.3	-0.04
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.676 ± 0.21	0.102	79.9	-0.40
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.585 ± 0.32	0.208	106	0.15
Bromacil	µg/l	0.895 ± 0.0512	0.836 ± 0.078	0.125	93.4	-0.36
Clothianidin	µg/l	0.917 ± 0.0705	0.875 ± 0.13	0.101	95.4	-0.16
Cyanazine	µg/l	1.44 ± 0.0964	1.4 ± 0.16	0.202	97.1	-0.12
Dieldrin	µg/l	0.763 ± 0.0561	0.876 ± 0.16	0.176	115	0.35
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.832 ± 0.13	0.162	92.2	-0.23
Heptachlor	µg/l	0.596 ± 0.039	0.639 ± 0.12	0.274	107	0.18
Imidacloprid	µg/l	0.493 ± 0.0251	0.51 ± 0.091	0.0739	103	0.09
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.846 ± 0.075	0.168	101	0.04
Nitenpyram	µg/l	- ± -	0.814 ± 0.074	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.41 ± 0.14	0.21	87.5	-0.67
Propazine	µg/l	1.13 ± 0.0632	1.03 ± 0.1	0.147	91.2	-0.47
Sum Chlordane	µg/l	0.648 ± 0.0951	0.84 ± 0.13	0.194	130	0.69
Sum DDD	µg/l	0.792 ± 0.138	0.937 ± 0.16	0.293	118	0.41
Sum DDE	µg/l	0.672 ± 0.0945	0.912 ± 0.15	0.249	136	0.76
Sum DDT	µg/l	0.633 ± 0.147	0.791 ± 0.15	0.247	125	0.47
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.36 ± 0.054	0.145	102	0.05
Thiacloprid	µg/l	0.952 ± 0.0399	0.941 ± 0.077	0.133	98.8	-0.07
Thiamethoxam	µg/l	1.45 ± 0.116	1.38 ± 0.13	0.246	95.3	-0.24



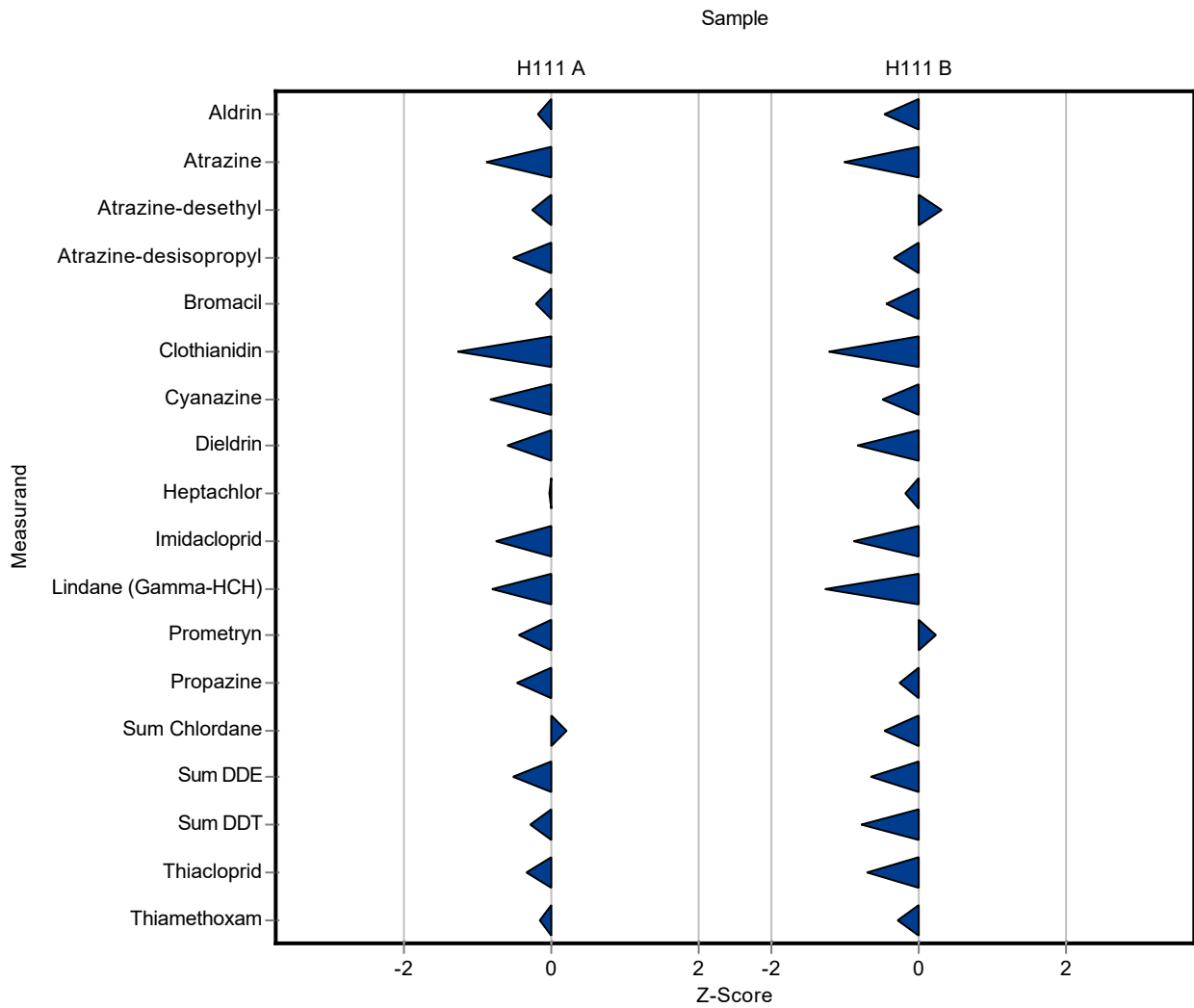
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.283 ± 0.003	0.135	92.2	-0.18
Atrazine	µg/l	0.409 ± 0.0147	0.369 ± 0.009	0.045	90.2	-0.89
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.554 ± 0.007	0.0687	96.8	-0.27
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.366 ± 0.006	0.0554	92.6	-0.53
Bromacil	µg/l	0.396 ± 0.0267	0.384 ± 0.005	0.0555	97	-0.22
Clothianidin	µg/l	0.253 ± 0.022	0.218 ± 0.006	0.0279	86.1	-1.27
Cyanazine	µg/l	0.565 ± 0.036	0.499 ± 0.008	0.0791	88.3	-0.83
Dieldrin	µg/l	0.387 ± 0.0252	0.334 ± 0.006	0.0889	86.4	-0.59
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.273 ± 0.007	0.128	98.4	-0.03
Imidacloprid	µg/l	0.165 ± 0.0133	0.146 ± 0.005	0.0247	88.7	-0.76
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.293 ± 0.018	0.0698	84	-0.80
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.263 ± 0.005	0.0363	94.3	-0.44
Propazine	µg/l	0.269 ± 0.0111	0.253 ± 0.007	0.035	93.9	-0.47
Sum Chlordane	µg/l	0.202 ± 0.0192	0.215 ± 0.012	0.0606	106	0.21
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	0.601 ± 0.006	0.274	81.2	-0.51
Sum DDT	µg/l	0.513 ± 0.0499	0.458 ± 0.016	0.2	89.2	-0.28
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.292 ± 0.006	0.043	95.1	-0.35
Thiamethoxam	µg/l	0.256 ± 0.0126	0.249 ± 0.006	0.0435	97.3	-0.16

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.411 ± 0.008	0.229	79	-0.48

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.04 ± 0.035	0.129	88.9	-1.01
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.879 ± 0.025	0.102	104	0.32
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.42 ± 0.025	0.208	95.3	-0.33
Bromacil	µg/l	0.895 ± 0.0512	0.838 ± 0.019	0.125	93.6	-0.46
Clothianidin	µg/l	0.917 ± 0.0705	0.794 ± 0.023	0.101	86.6	-1.22
Cyanazine	µg/l	1.44 ± 0.0964	1.34 ± 0.028	0.202	93	-0.50
Dieldrin	µg/l	0.763 ± 0.0561	0.619 ± 0.017	0.176	81.1	-0.82
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.549 ± 0.018	0.274	92.1	-0.17
Imidacloprid	µg/l	0.493 ± 0.0251	0.427 ± 0.006	0.0739	86.6	-0.89
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.625 ± 0.045	0.168	74.5	-1.27
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.66 ± 0.022	0.21	103	0.23
Propazine	µg/l	1.13 ± 0.0632	1.09 ± 0.027	0.147	96.5	-0.27
Sum Chlordane	µg/l	0.648 ± 0.0951	0.555 ± 0.031	0.194	85.7	-0.48
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	0.508 ± 0.018	0.249	75.6	-0.66
Sum DDT	µg/l	0.633 ± 0.147	0.439 ± 0.057	0.247	69.3	-0.79
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.858 ± 0.023	0.133	90.1	-0.71
Thiamethoxam	µg/l	1.45 ± 0.116	1.38 ± 0.028	0.246	95.3	-0.27



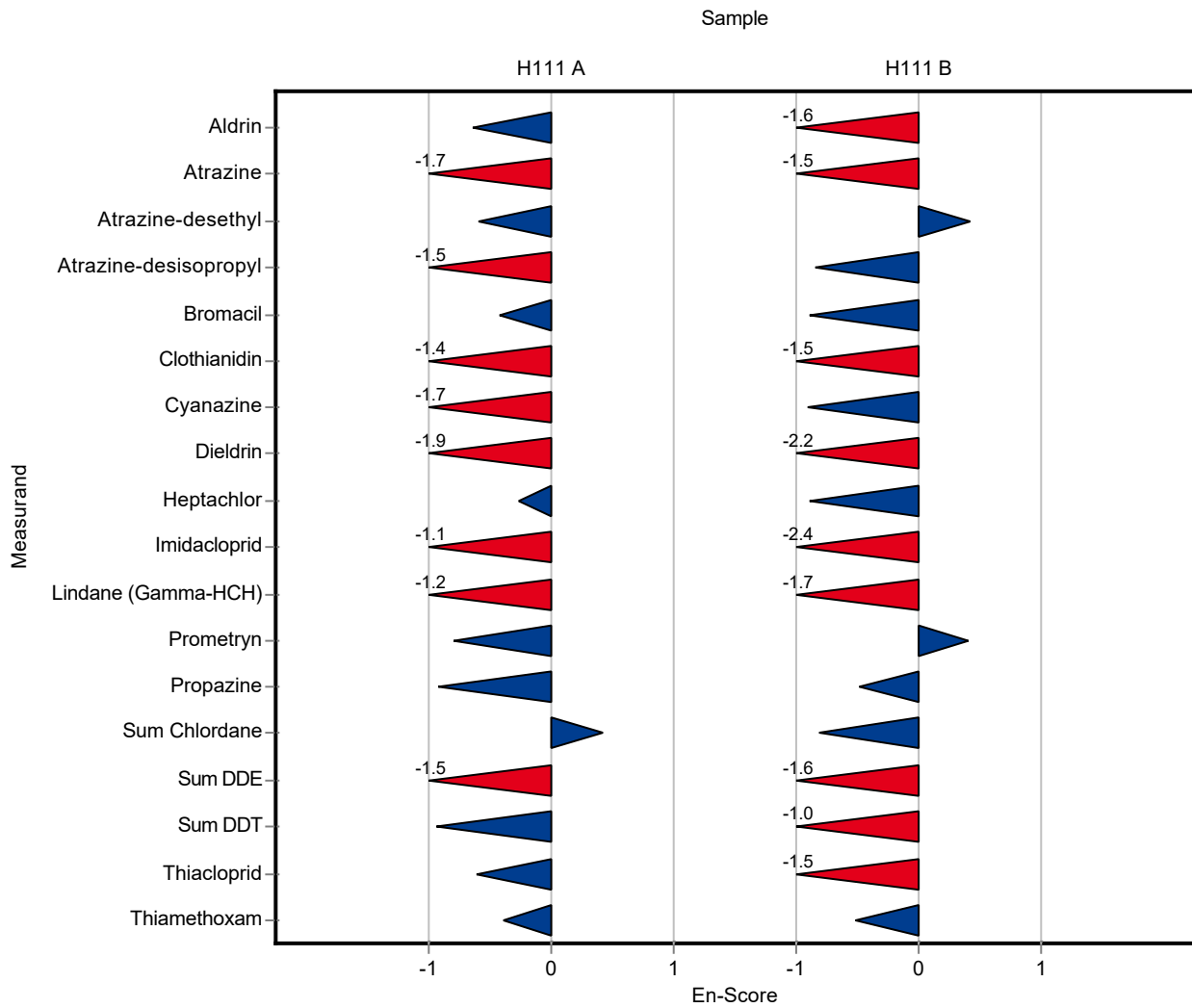
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.283 ± 0.003	0.135	92.2	-0.64
Atrazine	µg/l	0.409 ± 0.0147	0.369 ± 0.009	0.045	90.2	-1.73
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.554 ± 0.007	0.0687	96.8	-0.59
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.366 ± 0.006	0.0554	92.6	-1.50
Bromacil	µg/l	0.396 ± 0.0267	0.384 ± 0.005	0.0555	97	-0.42
Clothianidin	µg/l	0.253 ± 0.022	0.218 ± 0.006	0.0279	86.1	-1.41
Cyanazine	µg/l	0.565 ± 0.036	0.499 ± 0.008	0.0791	88.3	-1.67
Dieldrin	µg/l	0.387 ± 0.0252	0.334 ± 0.006	0.0889	86.4	-1.89
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.273 ± 0.007	0.128	98.4	-0.27
Imidacloprid	µg/l	0.165 ± 0.0133	0.146 ± 0.005	0.0247	88.7	-1.12
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.293 ± 0.018	0.0698	84	-1.23
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.263 ± 0.005	0.0363	94.3	-0.79
Propazine	µg/l	0.269 ± 0.0111	0.253 ± 0.007	0.035	93.9	-0.92
Sum Chlordane	µg/l	0.202 ± 0.0192	0.215 ± 0.012	0.0606	106	0.42
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	0.601 ± 0.006	0.274	81.2	-1.54
Sum DDT	µg/l	0.513 ± 0.0499	0.458 ± 0.016	0.2	89.2	-0.93
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.292 ± 0.006	0.043	95.1	-0.61
Thiamethoxam	µg/l	0.256 ± 0.0126	0.249 ± 0.006	0.0435	97.3	-0.39

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.411 ± 0.008	0.229	79	-1.61

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	1.17 ± 0.0497	1.04 ± 0.035	0.129	88.9	-1.52
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.879 ± 0.025	0.102	104	0.42
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.42 ± 0.025	0.208	95.3	-0.84
Bromacil	µg/l	0.895 ± 0.0512	0.838 ± 0.019	0.125	93.6	-0.90
Clothianidin	µg/l	0.917 ± 0.0705	0.794 ± 0.023	0.101	86.6	-1.46
Cyanazine	µg/l	1.44 ± 0.0964	1.34 ± 0.028	0.202	93	-0.91
Dieldrin	µg/l	0.763 ± 0.0561	0.619 ± 0.017	0.176	81.1	-2.20
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.549 ± 0.018	0.274	92.1	-0.89
Imidacloprid	µg/l	0.493 ± 0.0251	0.427 ± 0.006	0.0739	86.6	-2.37
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.625 ± 0.045	0.168	74.5	-1.66
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.66 ± 0.022	0.21	103	0.41
Propazine	µg/l	1.13 ± 0.0632	1.09 ± 0.027	0.147	96.5	-0.48
Sum Chlordane	µg/l	0.648 ± 0.0951	0.555 ± 0.031	0.194	85.7	-0.82
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	0.508 ± 0.018	0.249	75.6	-1.62
Sum DDT	µg/l	0.633 ± 0.147	0.439 ± 0.057	0.247	69.3	-1.05
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.858 ± 0.023	0.133	90.1	-1.55
Thiamethoxam	µg/l	1.45 ± 0.116	1.38 ± 0.028	0.246	95.3	-0.52



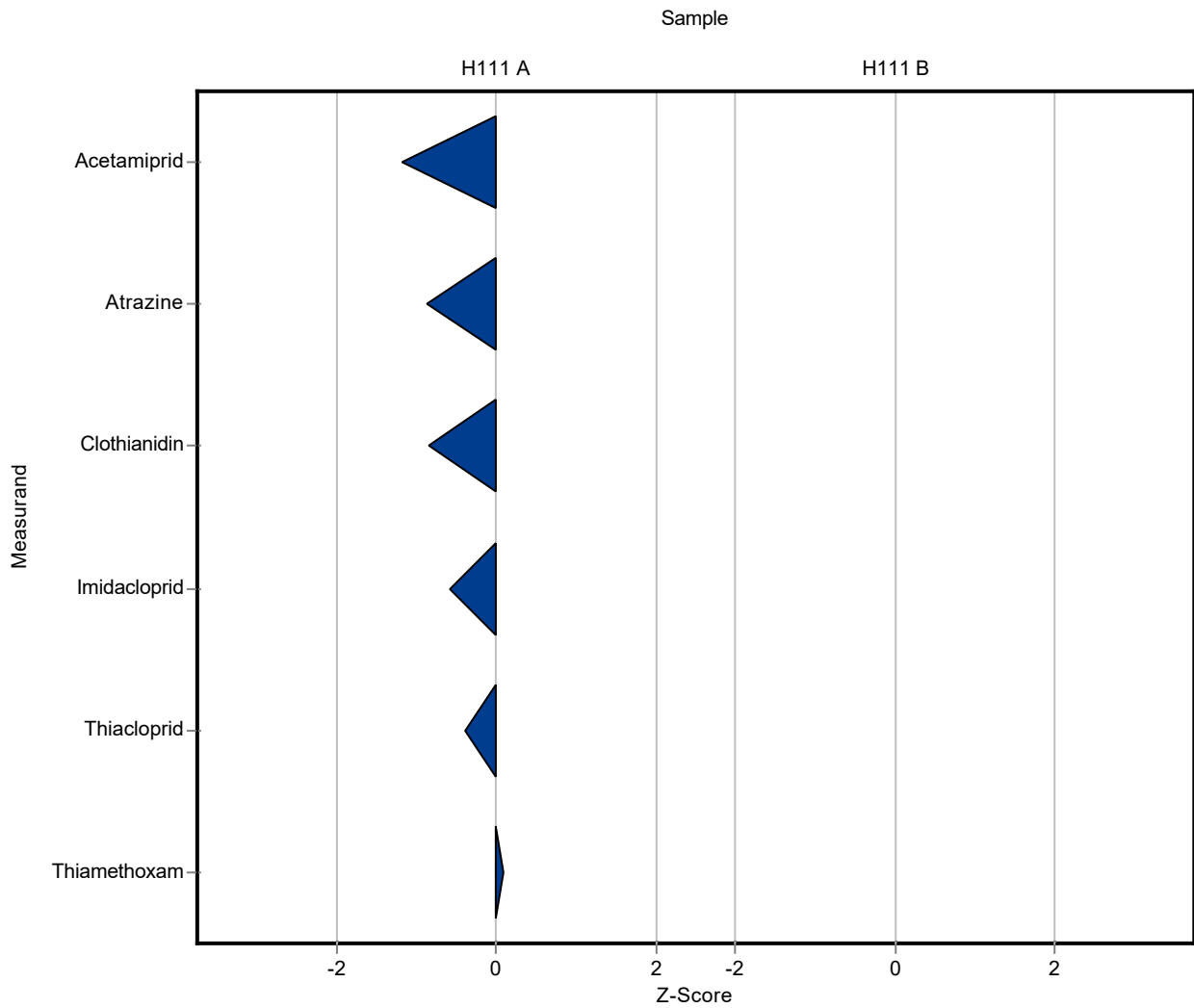
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.4 ± 0.12	0.0403	89.4	-1.18
Aldrin	µg/l	0.307 ± 0.0373	>0.17 ± 0.05	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.37 ± 0.11	0.045	90.4	-0.87
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	- ± -	0.0554	-	-
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	0.23 ± 0.07	0.0279	90.8	-0.84
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	>0.17 ± 0.05	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	>0.17 ± 0.05	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	>0.17 ± 0.05	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.15 ± 0.05	0.0247	91.1	-0.59
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	>0.17 ± 0.05	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	>0.16 ± 0.05	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.29 ± 0.15	0.043	94.4	-0.40
Thiamethoxam	µg/l	0.256 ± 0.0126	0.26 ± 0.08	0.0435	102	0.10

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	>0.42 ± 0.13	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	>0.17 ± 0.05	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	>0.42 ± 0.13	0.129	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-
Clothianidin	µg/l	0.917 ± 0.0705	>0.42 ± 0.13	0.101	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-
Dieldrin	µg/l	0.763 ± 0.0561	>0.17 ± 0.05	0.176	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	>0.17 ± 0.05	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	>0.17 ± 0.05	0.274	-
Imidacloprid	µg/l	0.493 ± 0.0251	>0.42 ± 0.13	0.0739	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	>0.17 ± 0.05	0.168	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	>0.16 ± 0.05	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	>0.42 ± 0.13	0.133	-
Thiamethoxam	µg/l	1.45 ± 0.116	>0.42 ± 0.13	0.246	-



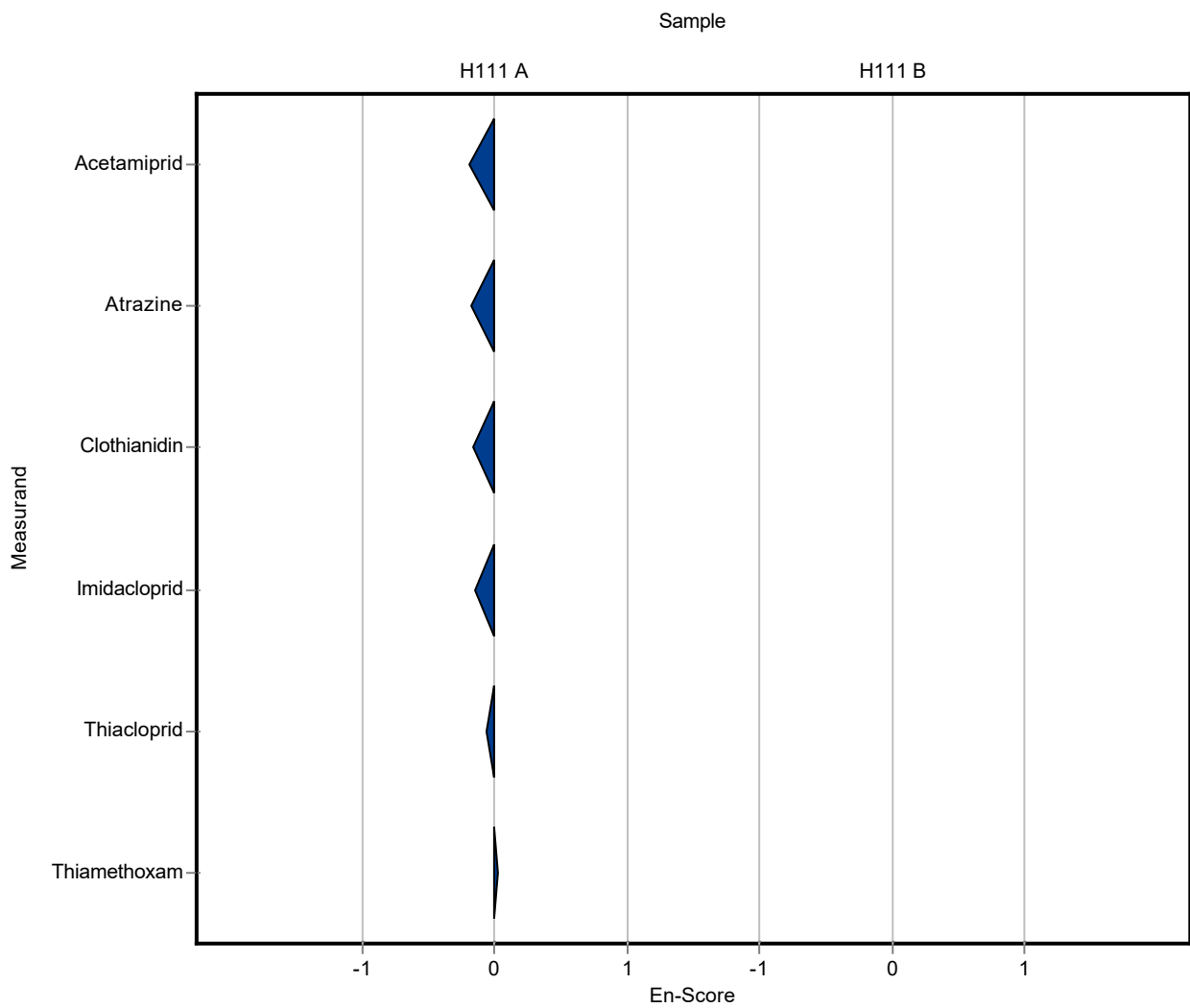
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.4 ± 0.12	0.0403	89.4	-0.20
Aldrin	µg/l	0.307 ± 0.0373	>0.17 ± 0.05	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.37 ± 0.11	0.045	90.4	-0.18
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	- ± -	0.0554	-	-
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	0.23 ± 0.07	0.0279	90.8	-0.16
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	>0.17 ± 0.05	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	>0.17 ± 0.05	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	>0.17 ± 0.05	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.15 ± 0.05	0.0247	91.1	-0.14
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	>0.17 ± 0.05	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	>0.16 ± 0.05	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.29 ± 0.15	0.043	94.4	-0.06
Thiamethoxam	µg/l	0.256 ± 0.0126	0.26 ± 0.08	0.0435	102	0.03

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	>0.42 ± 0.13	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	>0.17 ± 0.05	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	>0.42 ± 0.13	0.129	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-
Clothianidin	µg/l	0.917 ± 0.0705	>0.42 ± 0.13	0.101	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-
Dieldrin	µg/l	0.763 ± 0.0561	>0.17 ± 0.05	0.176	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	>0.17 ± 0.05	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	>0.17 ± 0.05	0.274	-
Imidacloprid	µg/l	0.493 ± 0.0251	>0.42 ± 0.13	0.0739	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	>0.17 ± 0.05	0.168	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	>0.16 ± 0.05	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	>0.42 ± 0.13	0.133	-
Thiamethoxam	µg/l	1.45 ± 0.116	>0.42 ± 0.13	0.246	-



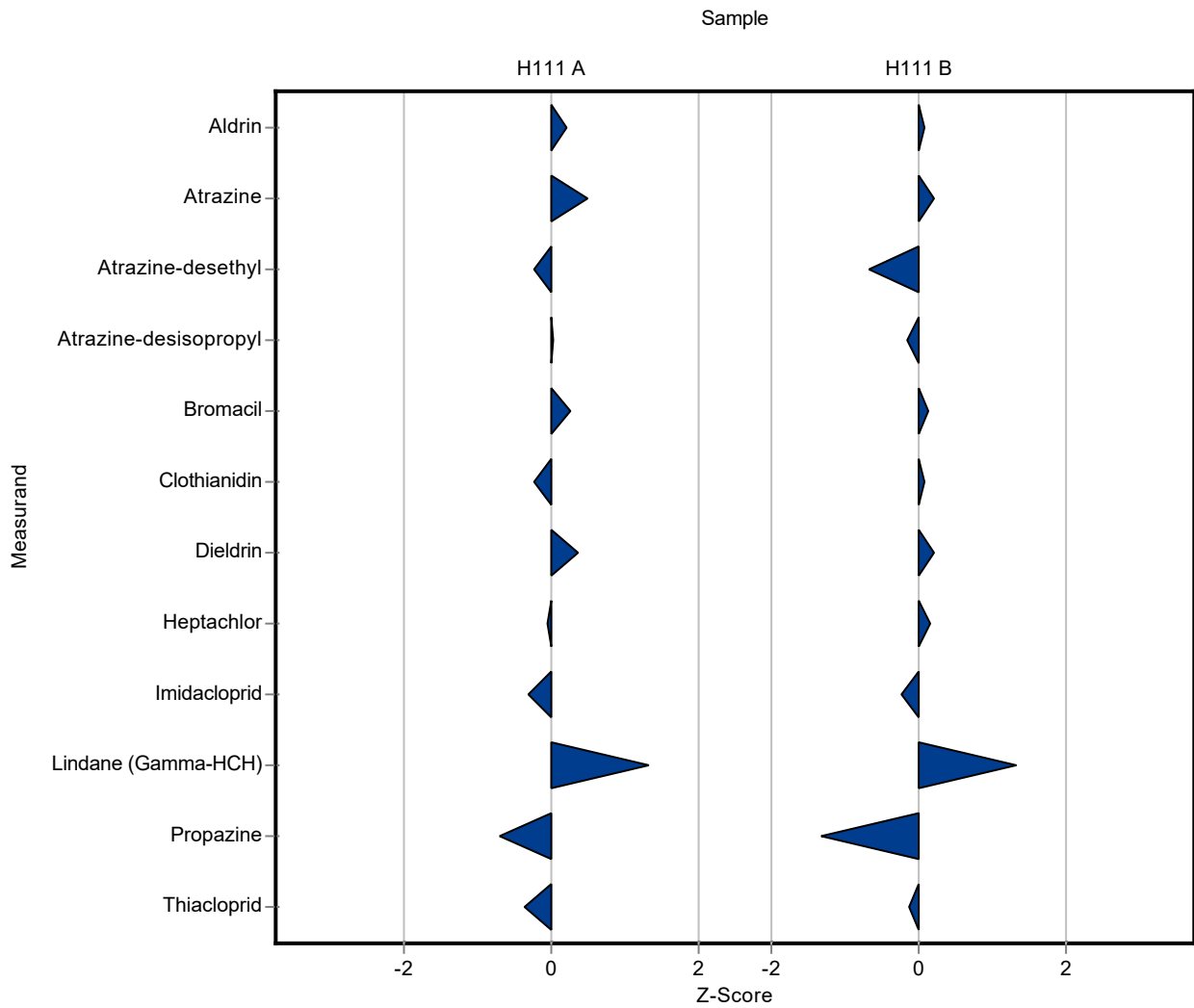
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.334 ± 0.073	0.135	109	0.20
Atrazine	µg/l	0.409 ± 0.0147	0.432 ± 0.062	0.045	106	0.51
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.556 ± 0.058	0.0687	97.1	-0.24
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.397 ± 0.056	0.0554	100	0.03
Bromacil	µg/l	0.396 ± 0.0267	0.41 ± 0.06	0.0555	104	0.25
Clothianidin	µg/l	0.253 ± 0.022	0.247 ± 0.039	0.0279	97.5	-0.23
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.42 ± 0.081	0.0889	109	0.38
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.272 ± 0.039	0.128	98	-0.04
Imidacloprid	µg/l	0.165 ± 0.0133	0.157 ± 0.056	0.0247	95.4	-0.31
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.442 ± 0.128	0.0698	127	1.33
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.245 ± 0.036	0.035	91	-0.69
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.291 ± 0.049	0.043	94.8	-0.37
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.536 ± 0.117	0.229	103	0.07

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.197 ± 0.172	0.129	102	0.21
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.778 ± 0.082	0.102	91.9	-0.67
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.458 ± 0.207	0.208	97.9	-0.15
Bromacil	µg/l	0.895 ± 0.0512	0.91 ± 0.133	0.125	102	0.12
Clothianidin	µg/l	0.917 ± 0.0705	0.926 ± 0.147	0.101	101	0.09
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.8 ± 0.154	0.176	105	0.21
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.642 ± 0.092	0.274	108	0.17
Imidacloprid	µg/l	0.493 ± 0.0251	0.475 ± 0.084	0.0739	96.4	-0.24
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	1.059 ± 0.306	0.168	126	1.32
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	0.934 ± 0.277	0.147	82.7	-1.33
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.934 ± 0.158	0.133	98.1	-0.14
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



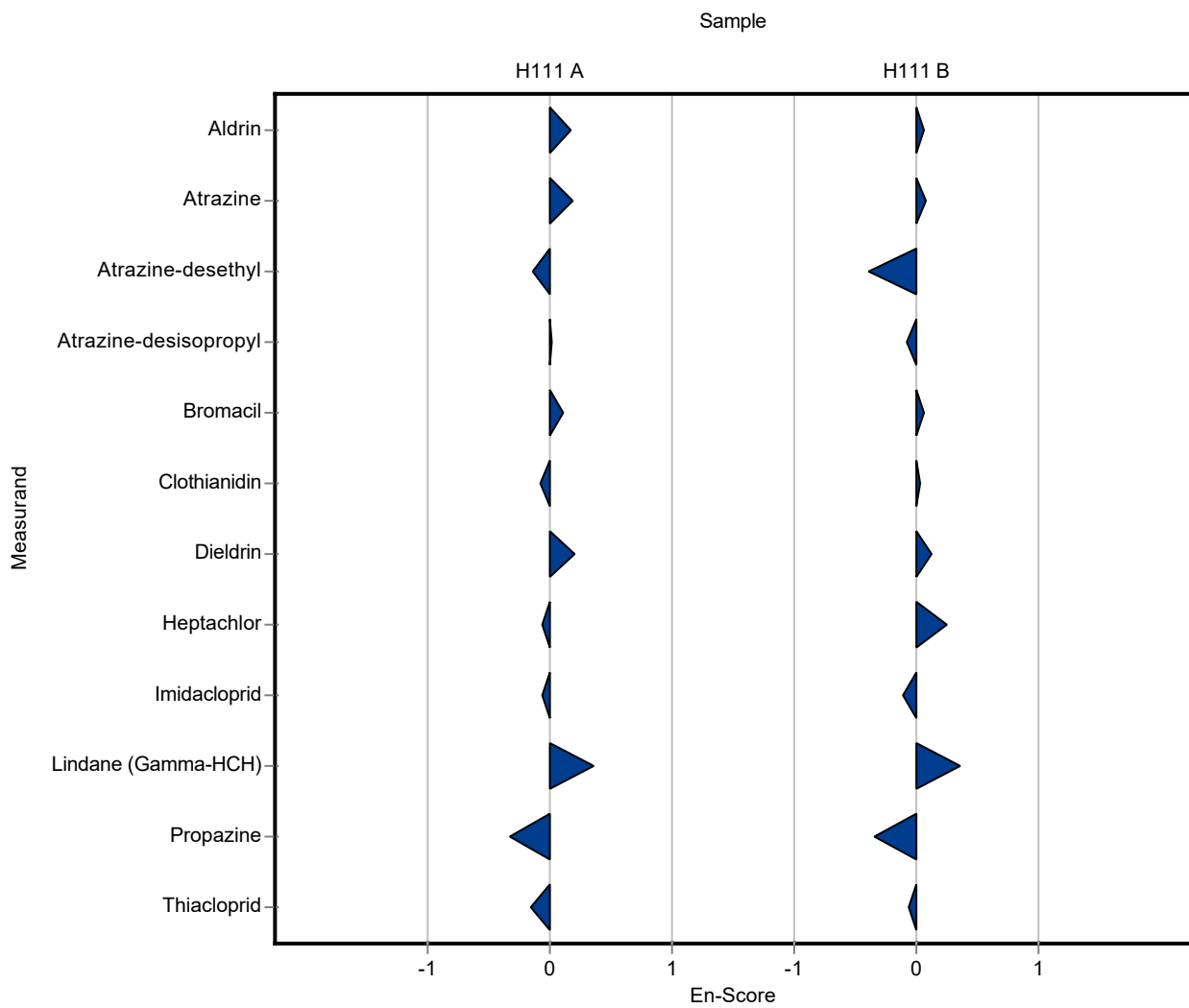
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.334 ± 0.073	0.135	109	0.18
Atrazine	µg/l	0.409 ± 0.0147	0.432 ± 0.062	0.045	106	0.18
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.556 ± 0.058	0.0687	97.1	-0.14
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.397 ± 0.056	0.0554	100	0.01
Bromacil	µg/l	0.396 ± 0.0267	0.41 ± 0.06	0.0555	104	0.11
Clothianidin	µg/l	0.253 ± 0.022	0.247 ± 0.039	0.0279	97.5	-0.08
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.42 ± 0.081	0.0889	109	0.20
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.272 ± 0.039	0.128	98	-0.07
Imidacloprid	µg/l	0.165 ± 0.0133	0.157 ± 0.056	0.0247	95.4	-0.07
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.442 ± 0.128	0.0698	127	0.36
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.245 ± 0.036	0.035	91	-0.33
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.291 ± 0.049	0.043	94.8	-0.16
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.536 ± 0.117	0.229	103	0.07

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	1.17 ± 0.0497	1.197 ± 0.172	0.129	102	0.08
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.778 ± 0.082	0.102	91.9	-0.39
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.458 ± 0.207	0.208	97.9	-0.07
Bromacil	µg/l	0.895 ± 0.0512	0.91 ± 0.133	0.125	102	0.06
Clothianidin	µg/l	0.917 ± 0.0705	0.926 ± 0.147	0.101	101	0.03
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.8 ± 0.154	0.176	105	0.12
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.642 ± 0.092	0.274	108	0.24
Imidacloprid	µg/l	0.493 ± 0.0251	0.475 ± 0.084	0.0739	96.4	-0.10
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	1.059 ± 0.306	0.168	126	0.36
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	0.934 ± 0.277	0.147	82.7	-0.35
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.934 ± 0.158	0.133	98.1	-0.06
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



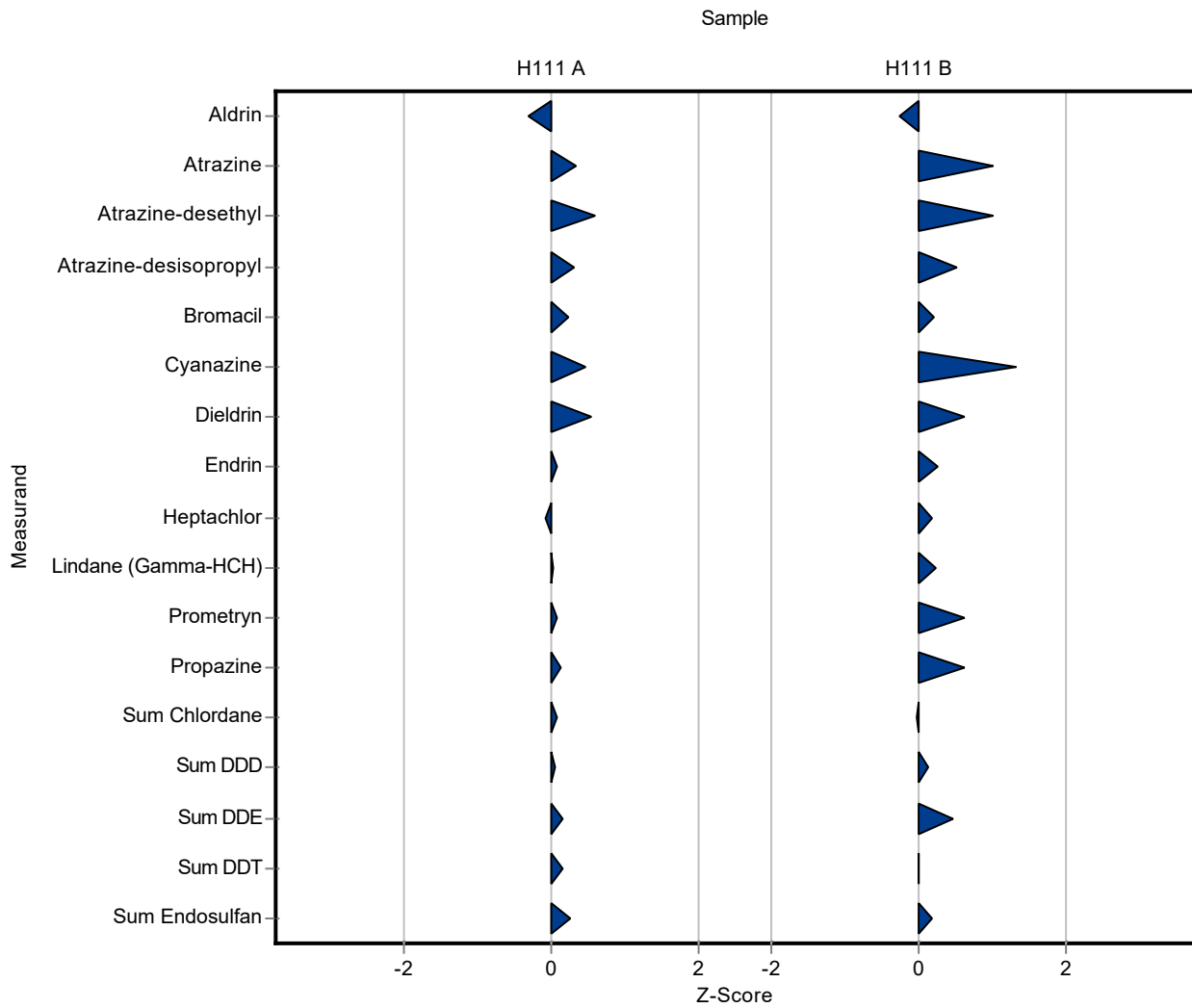
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.264 ± 0.033	0.135	86	-0.32
Atrazine	µg/l	0.409 ± 0.0147	0.425 ± 0.051	0.045	104	0.35
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.614 ± 0.129	0.0687	107	0.61
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.413 ± 0.062	0.0554	104	0.32
Bromacil	µg/l	0.396 ± 0.0267	0.409 ± 0.09	0.0555	103	0.23
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	0.603 ± 0.121	0.0791	107	0.48
Dieldrin	µg/l	0.387 ± 0.0252	0.435 ± 0.083	0.0889	113	0.54
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.422 ± 0.08	0.0749	101	0.08
Heptachlor	µg/l	0.277 ± 0.00881	0.267 ± 0.045	0.128	96.2	-0.08
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.35 ± 0.046	0.0698	100	0.02
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.282 ± 0.056	0.0363	101	0.09
Propazine	µg/l	0.269 ± 0.0111	0.274 ± 0.055	0.035	102	0.13
Sum Chlordane	µg/l	0.202 ± 0.0192	0.207 ± 0.052	0.0606	102	0.08
Sum DDD	µg/l	0.734 ± 0.0881	0.751 ± 0.113	0.272	102	0.06
Sum DDE	µg/l	0.74 ± 0.0897	0.78 ± 0.117	0.274	105	0.15
Sum DDT	µg/l	0.513 ± 0.0499	0.544 ± 0.054	0.2	106	0.15
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.317 ± 0.048	0.117	111	0.27
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.463 ± 0.057	0.229	89	-0.25

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.3 ± 0.156	0.129	111	1.01
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.949 ± 0.199	0.102	112	1.01
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.6 ± 0.24	0.208	107	0.53
Bromacil	µg/l	0.895 ± 0.0512	0.921 ± 0.203	0.125	103	0.21
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	1.71 ± 0.342	0.202	119	1.33
Dieldrin	µg/l	0.763 ± 0.0561	0.871 ± 0.165	0.176	114	0.61
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.945 ± 0.18	0.162	105	0.26
Heptachlor	µg/l	0.596 ± 0.039	0.646 ± 0.11	0.274	108	0.18
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.877 ± 0.114	0.168	105	0.23
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.74 ± 0.348	0.21	108	0.61
Propazine	µg/l	1.13 ± 0.0632	1.22 ± 0.244	0.147	108	0.61
Sum Chlordane	µg/l	0.648 ± 0.0951	0.643 ± 0.161	0.194	99.3	-0.02
Sum DDD	µg/l	0.792 ± 0.138	0.833 ± 0.125	0.293	105	0.14
Sum DDE	µg/l	0.672 ± 0.0945	0.787 ± 0.118	0.249	117	0.46
Sum DDT	µg/l	0.633 ± 0.147	0.636 ± 0.064	0.247	100	0.01
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.378 ± 0.057	0.145	107	0.17
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



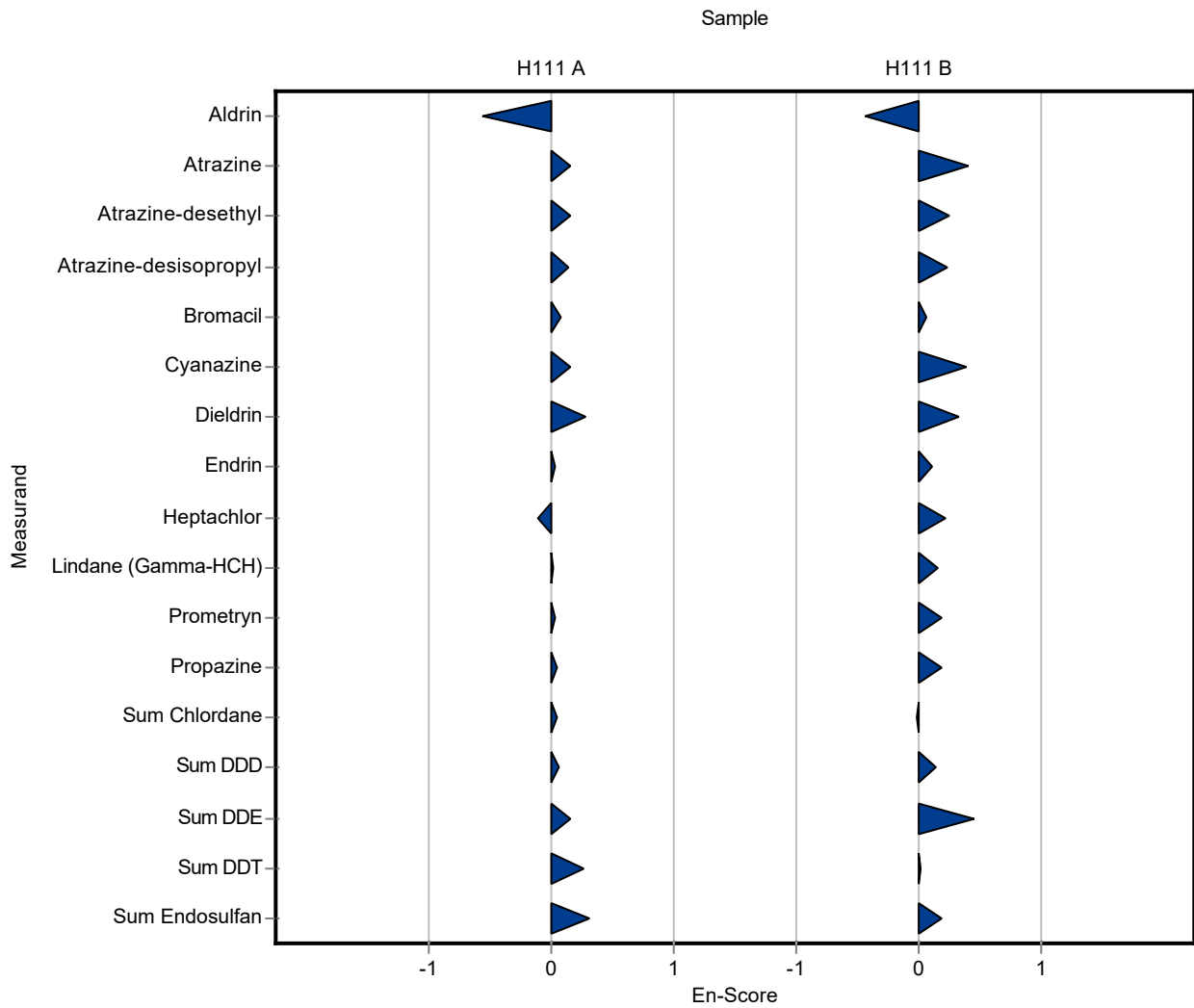
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.264 ± 0.033	0.135	86	-0.57
Atrazine	µg/l	0.409 ± 0.0147	0.425 ± 0.051	0.045	104	0.15
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.614 ± 0.129	0.0687	107	0.16
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.413 ± 0.062	0.0554	104	0.14
Bromacil	µg/l	0.396 ± 0.0267	0.409 ± 0.09	0.0555	103	0.07
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	0.603 ± 0.121	0.0791	107	0.16
Dieldrin	µg/l	0.387 ± 0.0252	0.435 ± 0.083	0.0889	113	0.29
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.422 ± 0.08	0.0749	101	0.04
Heptachlor	µg/l	0.277 ± 0.00881	0.267 ± 0.045	0.128	96.2	-0.12
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.35 ± 0.046	0.0698	100	0.01
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.282 ± 0.056	0.0363	101	0.03
Propazine	µg/l	0.269 ± 0.0111	0.274 ± 0.055	0.035	102	0.04
Sum Chlordane	µg/l	0.202 ± 0.0192	0.207 ± 0.052	0.0606	102	0.05
Sum DDD	µg/l	0.734 ± 0.0881	0.751 ± 0.113	0.272	102	0.07
Sum DDE	µg/l	0.74 ± 0.0897	0.78 ± 0.117	0.274	105	0.16
Sum DDT	µg/l	0.513 ± 0.0499	0.544 ± 0.054	0.2	106	0.26
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.317 ± 0.048	0.117	111	0.32
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.463 ± 0.057	0.229	89	-0.43

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.3 ± 0.156	0.129	111	0.41
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.949 ± 0.199	0.102	112	0.26
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.6 ± 0.24	0.208	107	0.23
Bromacil	µg/l	0.895 ± 0.0512	0.921 ± 0.203	0.125	103	0.06
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	1.71 ± 0.342	0.202	119	0.39
Dieldrin	µg/l	0.763 ± 0.0561	0.871 ± 0.165	0.176	114	0.32
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.945 ± 0.18	0.162	105	0.11
Heptachlor	µg/l	0.596 ± 0.039	0.646 ± 0.11	0.274	108	0.22
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.877 ± 0.114	0.168	105	0.16
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.74 ± 0.348	0.21	108	0.18
Propazine	µg/l	1.13 ± 0.0632	1.22 ± 0.244	0.147	108	0.18
Sum Chlordane	µg/l	0.648 ± 0.0951	0.643 ± 0.161	0.194	99.3	-0.01
Sum DDD	µg/l	0.792 ± 0.138	0.833 ± 0.125	0.293	105	0.14
Sum DDE	µg/l	0.672 ± 0.0945	0.787 ± 0.118	0.249	117	0.45
Sum DDT	µg/l	0.633 ± 0.147	0.636 ± 0.064	0.247	100	0.01
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.378 ± 0.057	0.145	107	0.20
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



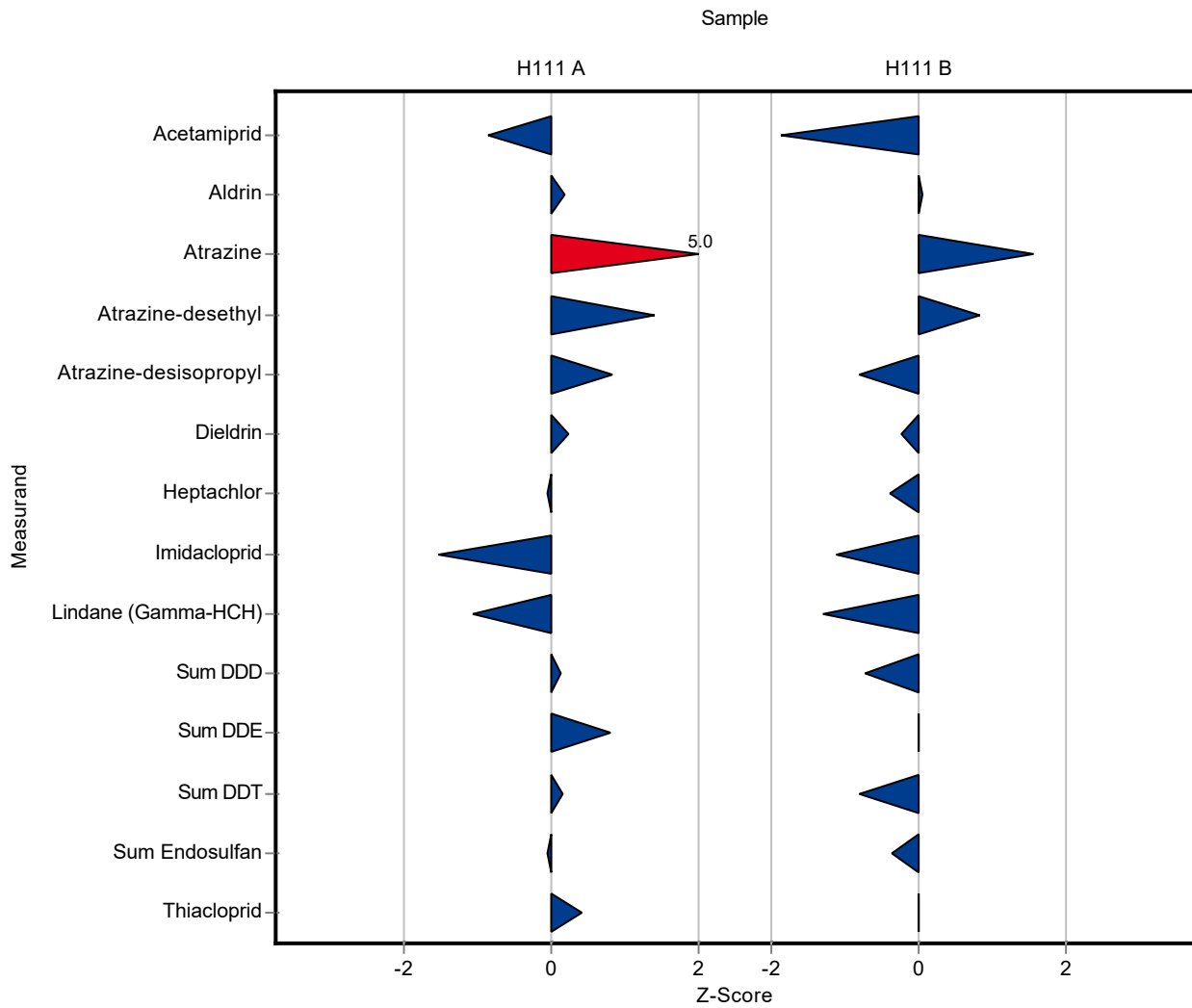
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.413 ± 0.124	0.0403	92.3	-0.86
Aldrin	µg/l	0.307 ± 0.0373	0.331 ± 0.265	0.135	108	0.18
Atrazine	µg/l	0.409 ± 0.0147	0.633 ± 0.19	0.045	155	4.97
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.669 ± 0.234	0.0687	117	1.41
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.441 ± 0.176	0.0554	112	0.82
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.407 ± 0.183	0.0889	105	0.23
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.271 ± 0.271	0.128	97.7	-0.05
Imidacloprid	µg/l	0.165 ± 0.0133	0.127 ± 0.044	0.0247	77.1	-1.52
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.274 ± 0.151	0.0698	78.5	-1.07
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	0.77 ± 0.424	0.272	105	0.13
Sum DDE	µg/l	0.74 ± 0.0897	0.964 ± 0.964	0.274	130	0.82
Sum DDT	µg/l	0.513 ± 0.0499	0.544 ± 0.446	0.2	106	0.15
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.279 ± 0.126	0.117	97.6	-0.06
Thiacloprid	µg/l	0.307 ± 0.0214	0.325 ± 0.114	0.043	106	0.42
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.22 ± 0.366	0.146	81.7	-1.87
Aldrin	µg/l	0.52 ± 0.066	0.53 ± 0.424	0.229	102	0.04

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.37 ± 0.411	0.129	117	1.55
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.931 ± 0.326	0.102	110	0.83
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.32 ± 0.528	0.208	88.6	-0.81
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.724 ± 0.326	0.176	94.9	-0.22
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.487 ± 0.487	0.274	81.7	-0.40
Imidacloprid	µg/l	0.493 ± 0.0251	0.41 ± 0.144	0.0739	83.2	-1.12
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.618 ± 0.34	0.168	73.7	-1.31
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	0.578 ± 0.318	0.293	73	-0.73
Sum DDE	µg/l	0.672 ± 0.0945	0.672 ± 0.672	0.249	100	0.00
Sum DDT	µg/l	0.633 ± 0.147	0.435 ± 0.357	0.247	68.7	-0.80
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.302 ± 0.136	0.145	85.4	-0.35
Thiacloprid	µg/l	0.952 ± 0.0399	0.953 ± 0.334	0.133	100	0.01
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



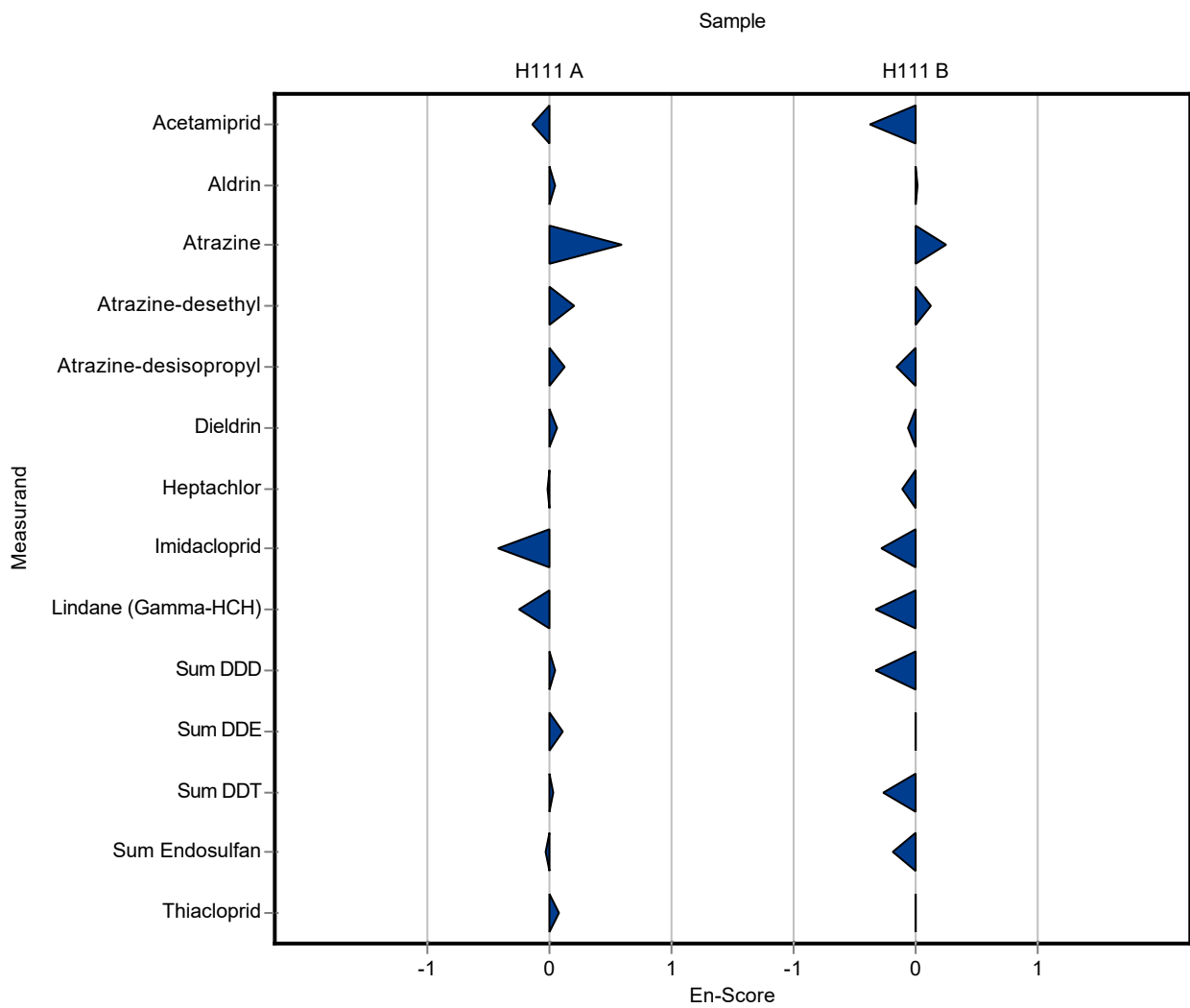
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.413 ± 0.124	0.0403	92.3	-0.14
Aldrin	µg/l	0.307 ± 0.0373	0.331 ± 0.265	0.135	108	0.05
Atrazine	µg/l	0.409 ± 0.0147	0.633 ± 0.19	0.045	155	0.59
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.669 ± 0.234	0.0687	117	0.21
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.441 ± 0.176	0.0554	112	0.13
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.407 ± 0.183	0.0889	105	0.06
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.271 ± 0.271	0.128	97.7	-0.01
Imidacloprid	µg/l	0.165 ± 0.0133	0.127 ± 0.044	0.0247	77.1	-0.42
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.274 ± 0.151	0.0698	78.5	-0.25
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	0.77 ± 0.424	0.272	105	0.04
Sum DDE	µg/l	0.74 ± 0.0897	0.964 ± 0.964	0.274	130	0.12
Sum DDT	µg/l	0.513 ± 0.0499	0.544 ± 0.446	0.2	106	0.03
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.279 ± 0.126	0.117	97.6	-0.03
Thiacloprid	µg/l	0.307 ± 0.0214	0.325 ± 0.114	0.043	106	0.08
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.22 ± 0.366	0.146	81.7	-0.37
Aldrin	µg/l	0.52 ± 0.066	0.53 ± 0.424	0.229	102	0.01

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.37 ± 0.411	0.129	117	0.24
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.931 ± 0.326	0.102	110	0.13
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.32 ± 0.528	0.208	88.6	-0.16
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.724 ± 0.326	0.176	94.9	-0.06
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.487 ± 0.487	0.274	81.7	-0.11
Imidacloprid	µg/l	0.493 ± 0.0251	0.41 ± 0.144	0.0739	83.2	-0.29
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.618 ± 0.34	0.168	73.7	-0.32
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	0.578 ± 0.318	0.293	73	-0.33
Sum DDE	µg/l	0.672 ± 0.0945	0.672 ± 0.672	0.249	100	0.00
Sum DDT	µg/l	0.633 ± 0.147	0.435 ± 0.357	0.247	68.7	-0.27
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.302 ± 0.136	0.145	85.4	-0.18
Thiacloprid	µg/l	0.952 ± 0.0399	0.953 ± 0.334	0.133	100	0.00
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



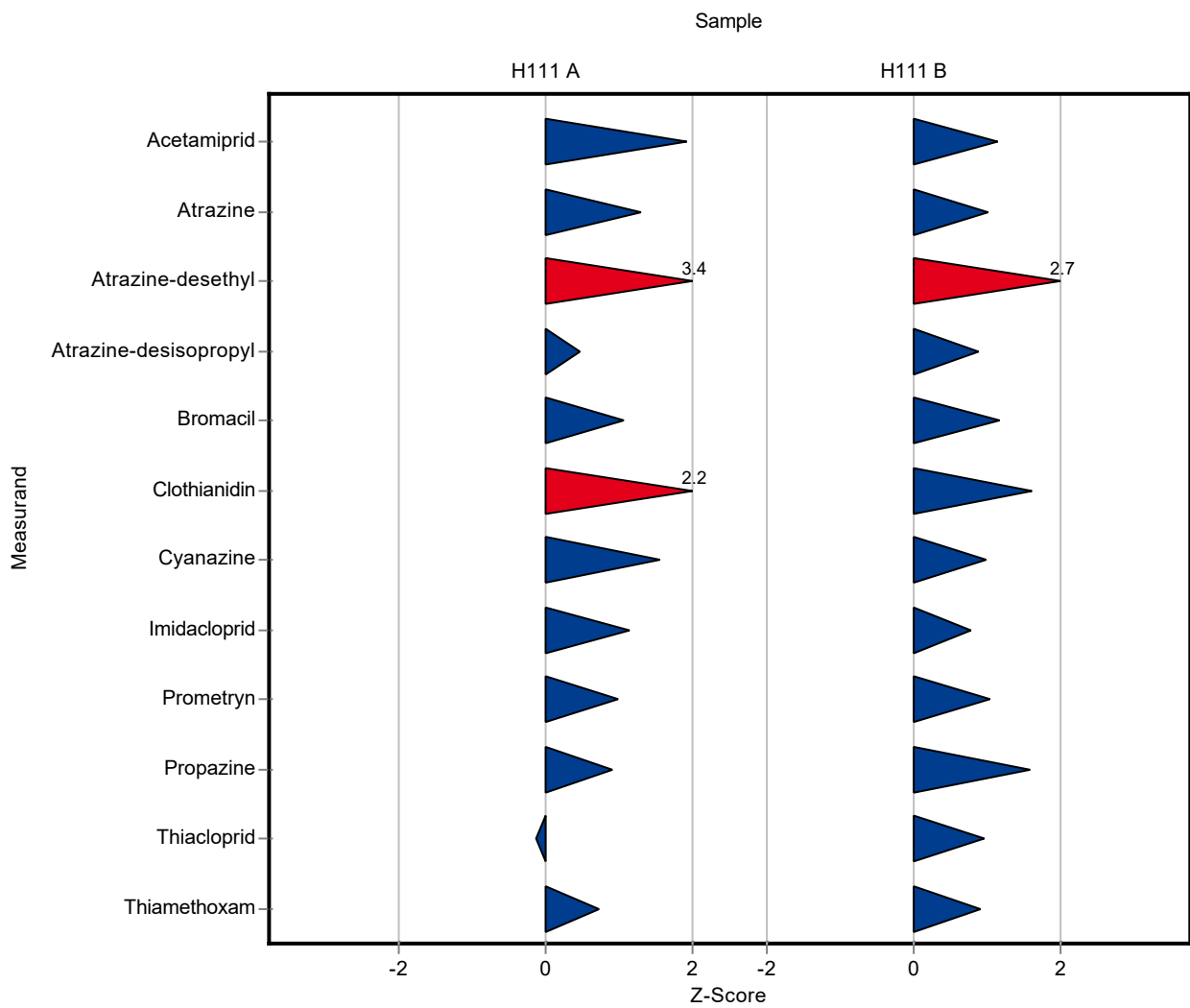
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.525 ± 0.105	0.0403	117	1.92
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.467 ± 0.093	0.045	114	1.28
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.804 ± 0.161	0.0687	140	3.37
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.421 ± 0.084	0.0554	106	0.46
Bromacil	µg/l	0.396 ± 0.0267	0.455 ± 0.091	0.0555	115	1.06
Clothianidin	µg/l	0.253 ± 0.022	0.314 ± 0.063	0.0279	124	2.18
Cyanazine	µg/l	0.565 ± 0.036	0.688 ± 0.138	0.0791	122	1.56
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	0.485 ± 0.097	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.193 ± 0.039	0.0247	117	1.15
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	0.355 ± 0.071	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.315 ± 0.063	0.0363	113	0.99
Propazine	µg/l	0.269 ± 0.0111	0.301 ± 0.06	0.035	112	0.90
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.302 ± 0.06	0.043	98.3	-0.12
Thiamethoxam	µg/l	0.256 ± 0.0126	0.287 ± 0.057	0.0435	112	0.72

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.66 ± 0.331	0.146	111	1.14
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.3 ± 0.26	0.129	111	1.01
Atrazine-desethyl	µg/l	0.846 ± 0.0593	1.12 ± 0.225	0.102	132	2.69
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.67 ± 0.334	0.208	112	0.87
Bromacil	µg/l	0.895 ± 0.0512	1.04 ± 0.207	0.125	116	1.16
Clothianidin	µg/l	0.917 ± 0.0705	1.08 ± 0.217	0.101	118	1.61
Cyanazine	µg/l	1.44 ± 0.0964	1.64 ± 0.328	0.202	114	0.99
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	1.11 ± 0.221	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.55 ± 0.11	0.0739	112	0.77
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	0.948 ± 0.19	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.83 ± 0.365	0.21	114	1.04
Propazine	µg/l	1.13 ± 0.0632	1.36 ± 0.271	0.147	120	1.57
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	1.08 ± 0.216	0.133	113	0.96
Thiamethoxam	µg/l	1.45 ± 0.116	1.67 ± 0.334	0.246	115	0.90



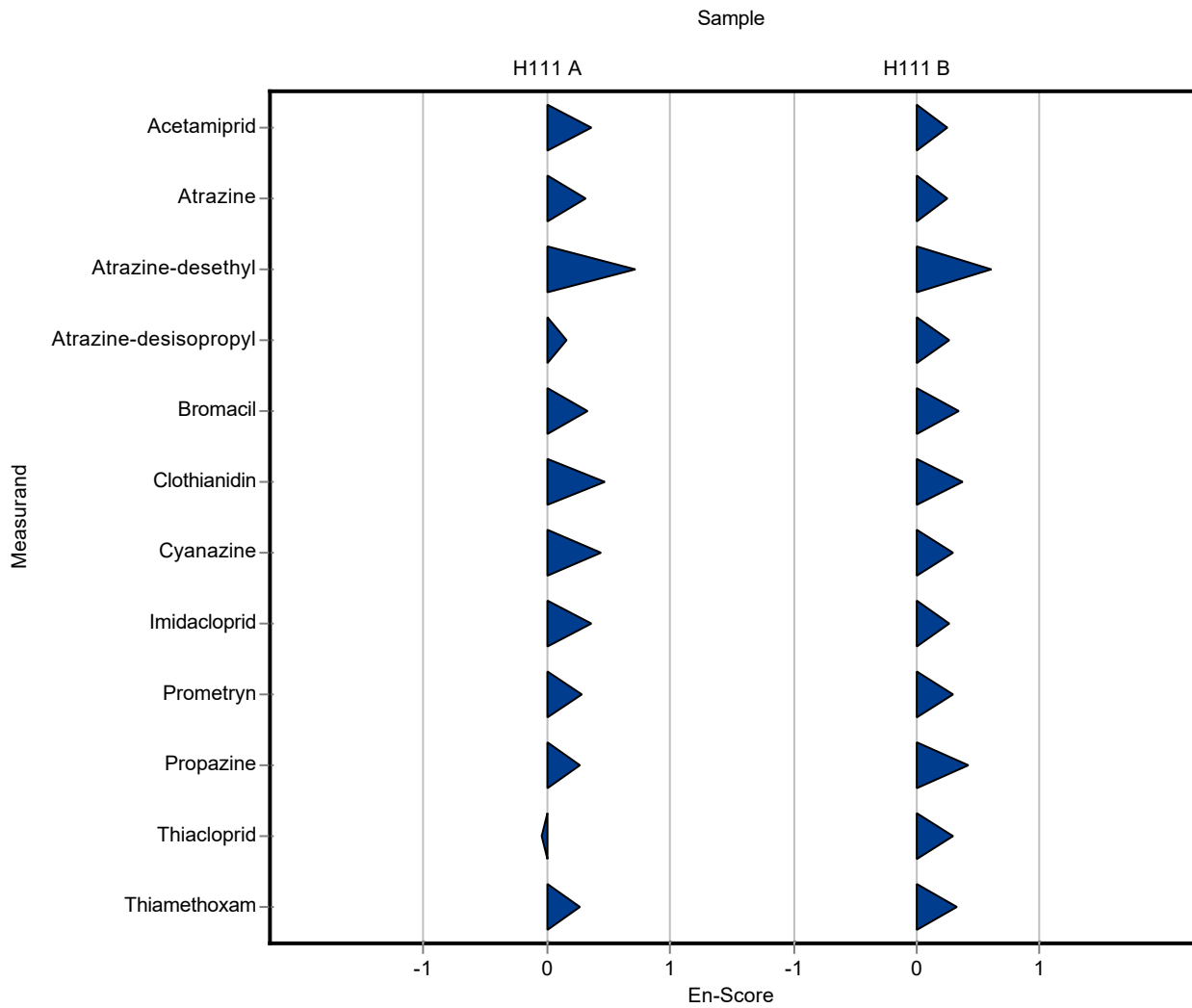
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.525 ± 0.105	0.0403	117	0.36
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.467 ± 0.093	0.045	114	0.31
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.804 ± 0.161	0.0687	140	0.72
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.421 ± 0.084	0.0554	106	0.15
Bromacil	µg/l	0.396 ± 0.0267	0.455 ± 0.091	0.0555	115	0.32
Clothianidin	µg/l	0.253 ± 0.022	0.314 ± 0.063	0.0279	124	0.47
Cyanazine	µg/l	0.565 ± 0.036	0.688 ± 0.138	0.0791	122	0.44
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	0.485 ± 0.097	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.193 ± 0.039	0.0247	117	0.36
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	0.355 ± 0.071	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.315 ± 0.063	0.0363	113	0.28
Propazine	µg/l	0.269 ± 0.0111	0.301 ± 0.06	0.035	112	0.26
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.302 ± 0.06	0.043	98.3	-0.04
Thiamethoxam	µg/l	0.256 ± 0.0126	0.287 ± 0.057	0.0435	112	0.27

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.66 ± 0.331	0.146	111	0.25
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	1.17 ± 0.0497	1.3 ± 0.26	0.129	111	0.25
Atrazine-desethyl	µg/l	0.846 ± 0.0593	1.12 ± 0.225	0.102	132	0.60
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.67 ± 0.334	0.208	112	0.27
Bromacil	µg/l	0.895 ± 0.0512	1.04 ± 0.207	0.125	116	0.35
Clothianidin	µg/l	0.917 ± 0.0705	1.08 ± 0.217	0.101	118	0.37
Cyanazine	µg/l	1.44 ± 0.0964	1.64 ± 0.328	0.202	114	0.30
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	1.11 ± 0.221	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.55 ± 0.11	0.0739	112	0.26
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	0.948 ± 0.19	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.83 ± 0.365	0.21	114	0.30
Propazine	µg/l	1.13 ± 0.0632	1.36 ± 0.271	0.147	120	0.42
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	1.08 ± 0.216	0.133	113	0.29
Thiamethoxam	µg/l	1.45 ± 0.116	1.67 ± 0.334	0.246	115	0.33



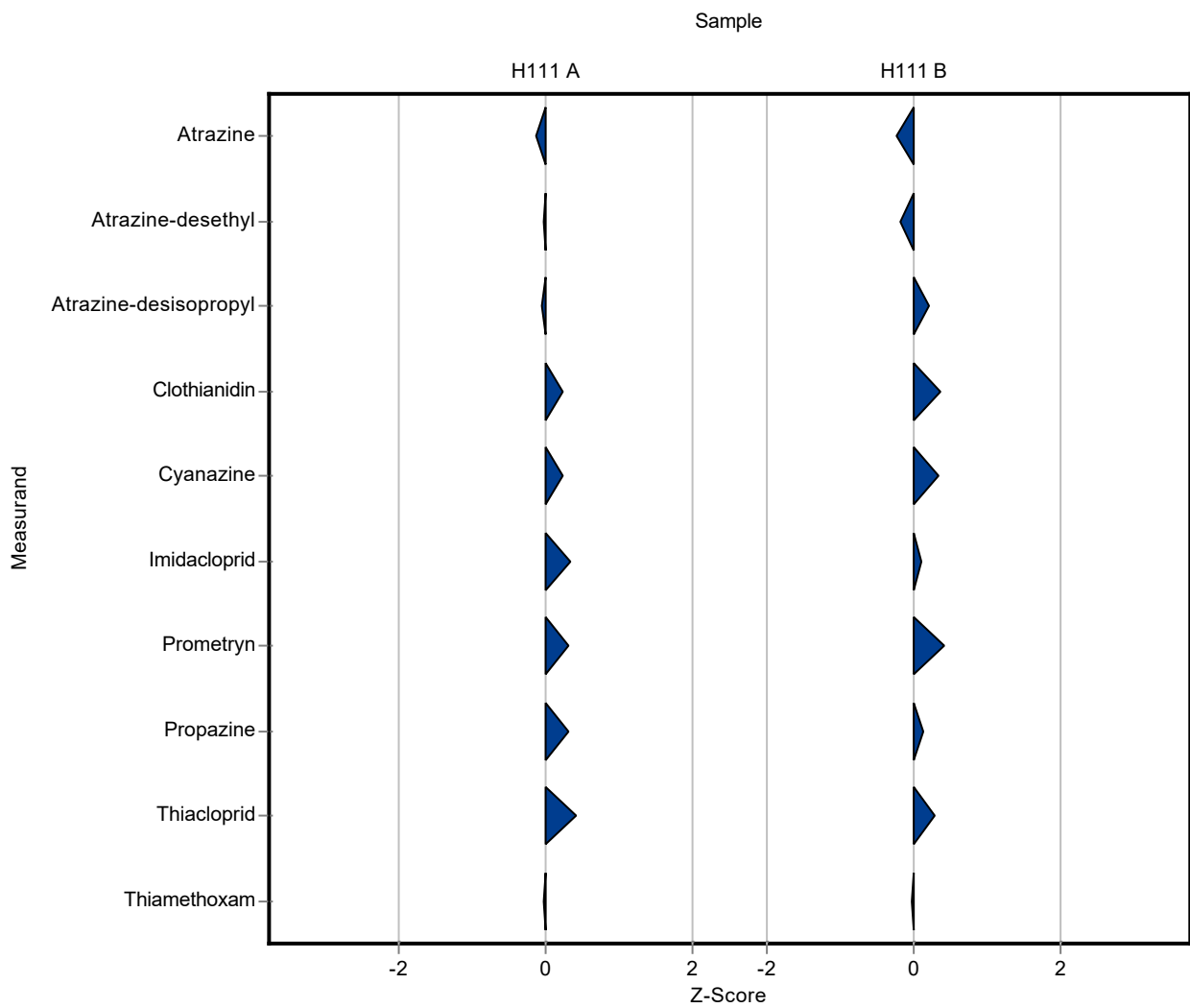
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.403 ± 0.12	0.045	98.5	-0.14
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.57 ± 0.17	0.0687	99.6	-0.03
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.393 ± 0.12	0.0554	99.4	-0.04
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	0.26 ± 0.08	0.0279	103	0.24
Cyanazine	µg/l	0.565 ± 0.036	0.583 ± 0.17	0.0791	103	0.23
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.173 ± 0.05	0.0247	105	0.34
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.29 ± 0.09	0.0363	104	0.31
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.08	0.035	104	0.30
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.325 ± 0.1	0.043	106	0.42
Thiamethoxam	µg/l	0.256 ± 0.0126	0.255 ± 0.08	0.0435	99.7	-0.02

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.14 ± 0.34	0.129	97.4	-0.24
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.828 ± 0.25	0.102	97.8	-0.18
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.53 ± 0.46	0.208	103	0.20
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	0.953 ± 0.29	0.101	104	0.35
Cyanazine	µg/l	1.44 ± 0.0964	1.51 ± 0.45	0.202	105	0.34
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.5 ± 0.15	0.0739	101	0.10
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.7 ± 0.51	0.21	105	0.42
Propazine	µg/l	1.13 ± 0.0632	1.15 ± 0.35	0.147	102	0.14
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.99 ± 0.3	0.133	104	0.28
Thiamethoxam	µg/l	1.45 ± 0.116	1.44 ± 0.43	0.246	99.5	-0.03



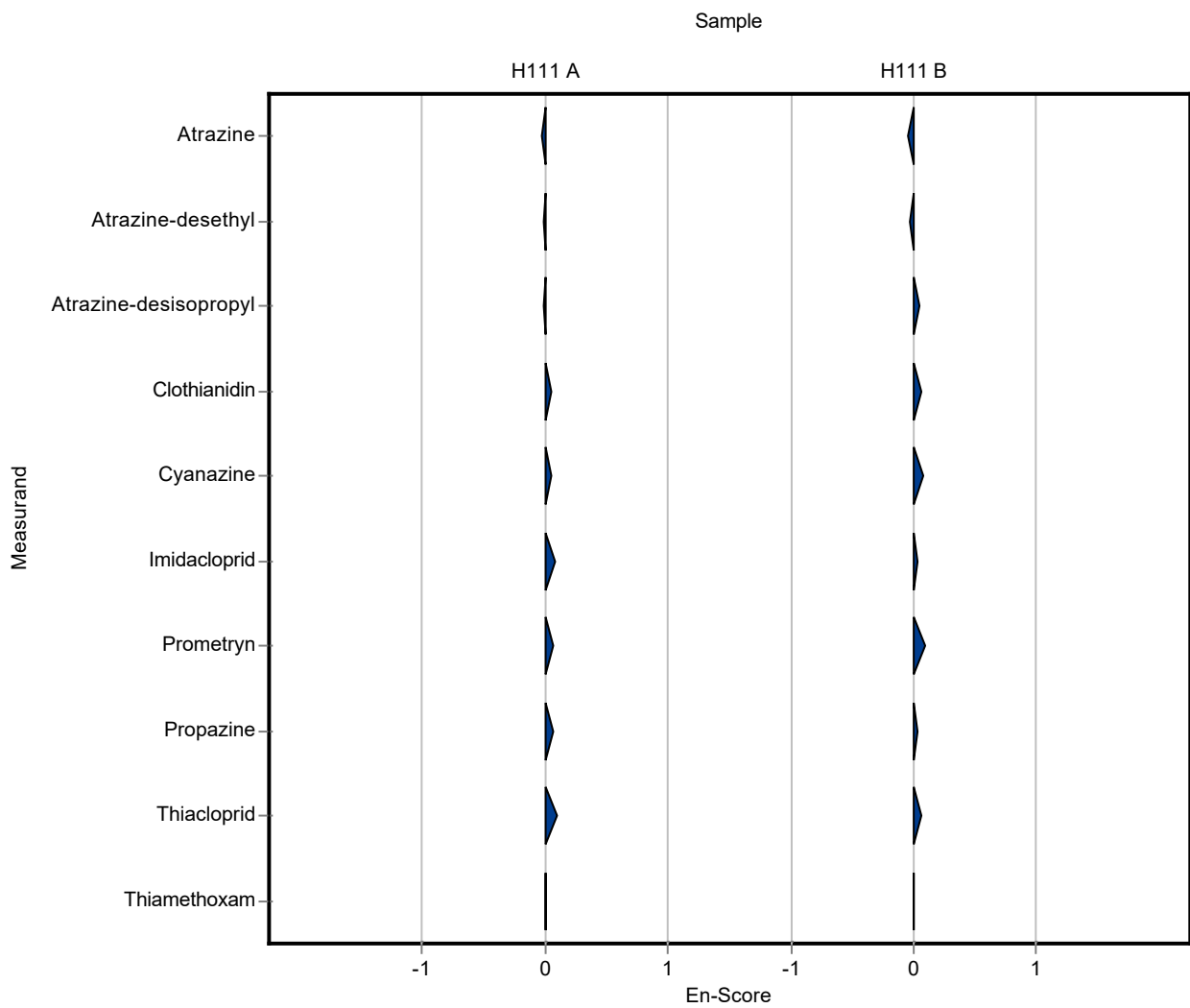
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.403 ± 0.12	0.045	98.5	-0.03
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.57 ± 0.17	0.0687	99.6	-0.01
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.393 ± 0.12	0.0554	99.4	-0.01
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	0.26 ± 0.08	0.0279	103	0.04
Cyanazine	µg/l	0.565 ± 0.036	0.583 ± 0.17	0.0791	103	0.05
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.173 ± 0.05	0.0247	105	0.08
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.29 ± 0.09	0.0363	104	0.06
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.08	0.035	104	0.07
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.325 ± 0.1	0.043	106	0.09
Thiamethoxam	µg/l	0.256 ± 0.0126	0.255 ± 0.08	0.0435	99.7	-0.01

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.14 ± 0.34	0.129	97.4	-0.04
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.828 ± 0.25	0.102	97.8	-0.04
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.53 ± 0.46	0.208	103	0.04
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-	-
Clothianidin	µg/l	0.917 ± 0.0705	0.953 ± 0.29	0.101	104	0.06
Cyanazine	µg/l	1.44 ± 0.0964	1.51 ± 0.45	0.202	105	0.08
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.5 ± 0.15	0.0739	101	0.02
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.7 ± 0.51	0.21	105	0.09
Propazine	µg/l	1.13 ± 0.0632	1.15 ± 0.35	0.147	102	0.03
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.99 ± 0.3	0.133	104	0.06
Thiamethoxam	µg/l	1.45 ± 0.116	1.44 ± 0.43	0.246	99.5	-0.01



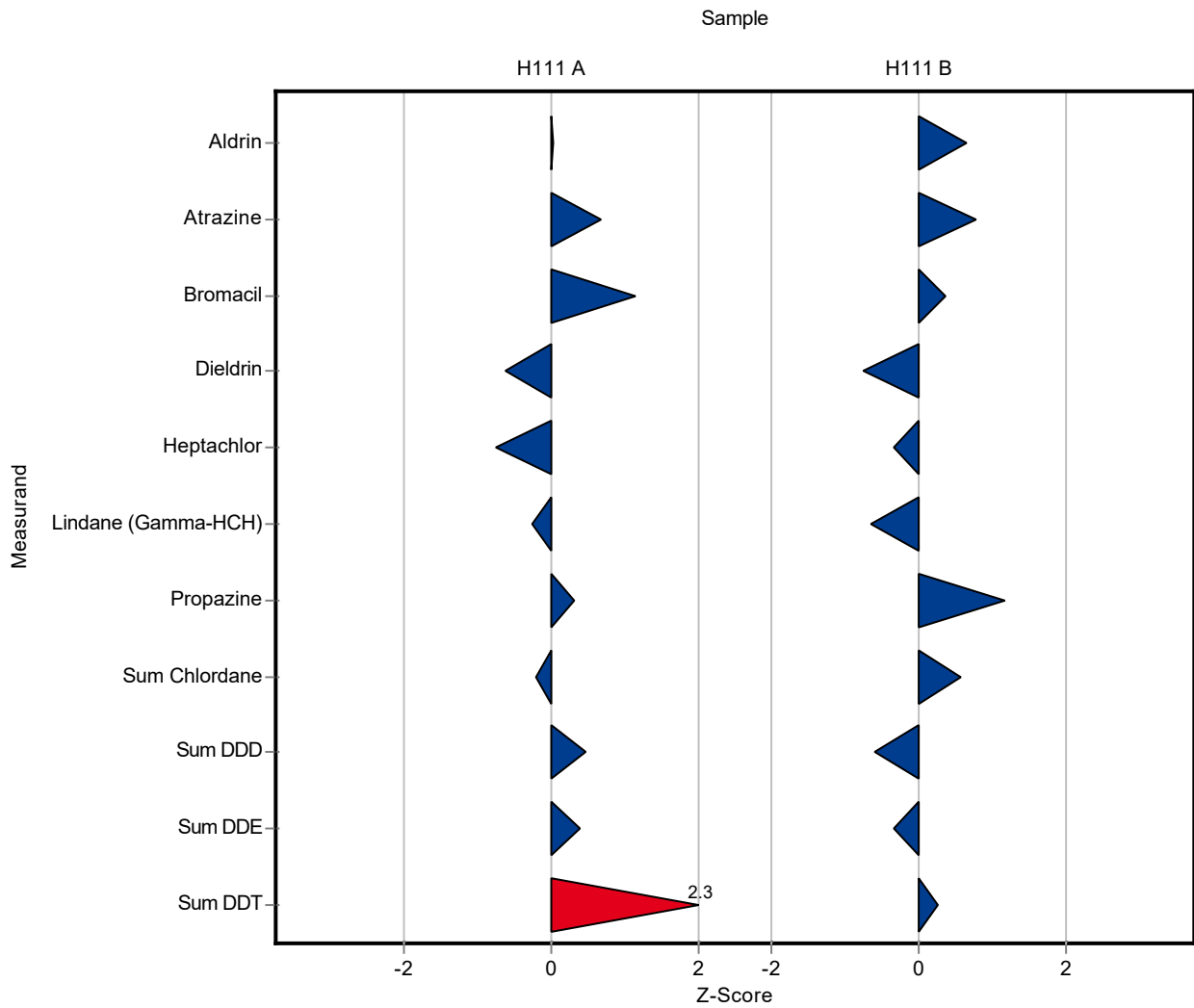
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.31 ± 0.09	0.135	101	0.02
Atrazine	µg/l	0.409 ± 0.0147	0.44 ± 0.13	0.045	108	0.68
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	- ± -	0.0554	-	-
Bromacil	µg/l	0.396 ± 0.0267	0.46 ± 0.14	0.0555	116	1.15
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.33 ± 0.1	0.0889	85.3	-0.64
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.18 ± 0.06	0.128	64.9	-0.76
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.33 ± 0.1	0.0698	94.6	-0.27
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.09	0.035	104	0.30
Sum Chlordane	µg/l	0.202 ± 0.0192	0.19 ± 0.06	0.0606	94	-0.20
Sum DDD	µg/l	0.734 ± 0.0881	0.86 ± 0.26	0.272	117	0.46
Sum DDE	µg/l	0.74 ± 0.0897	0.85 ± 0.26	0.274	115	0.40
Sum DDT	µg/l	0.513 ± 0.0499	0.98 ± 0.3	0.2	191	2.33
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.67 ± 0.2	0.229	129	0.66

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.27 ± 0.38	0.129	109	0.77
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-	-
Bromacil	µg/l	0.895 ± 0.0512	0.94 ± 0.28	0.125	105	0.36
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.63 ± 0.19	0.176	82.5	-0.76
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-	-
Heptachlor	µg/l	0.596 ± 0.039	0.5 ± 0.15	0.274	83.9	-0.35
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.73 ± 0.22	0.168	87.1	-0.65
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	1.3 ± 0.39	0.147	115	1.16
Sum Chlordane	µg/l	0.648 ± 0.0951	0.76 ± 0.23	0.194	117	0.58
Sum DDD	µg/l	0.792 ± 0.138	0.62 ± 0.19	0.293	78.3	-0.59
Sum DDE	µg/l	0.672 ± 0.0945	0.59 ± 0.18	0.249	87.8	-0.33
Sum DDT	µg/l	0.633 ± 0.147	0.7 ± 0.21	0.247	111	0.27
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-	-



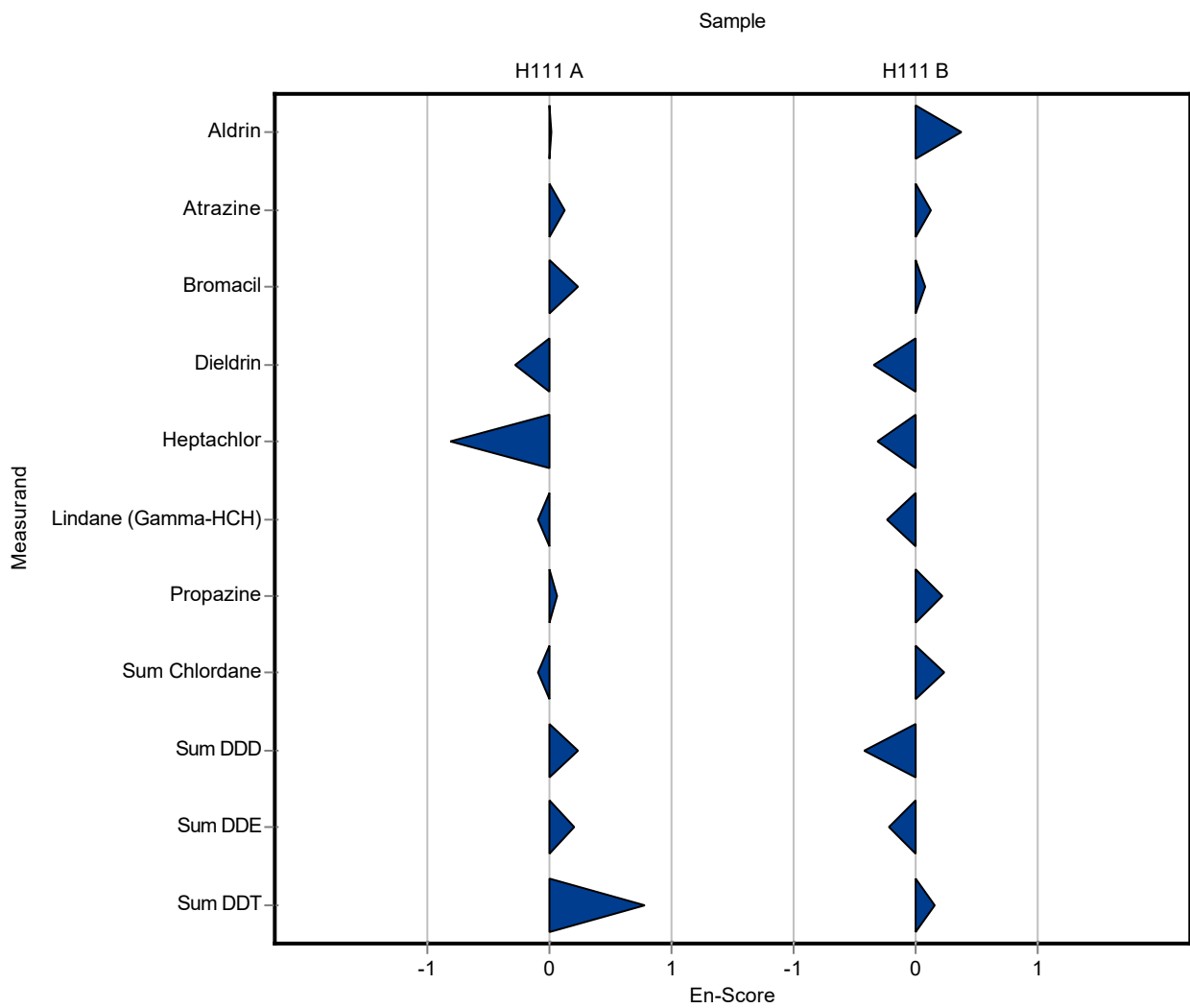
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	0.31 ± 0.09	0.135	101	0.02
Atrazine	µg/l	0.409 ± 0.0147	0.44 ± 0.13	0.045	108	0.12
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	- ± -	0.0554	-	-
Bromacil	µg/l	0.396 ± 0.0267	0.46 ± 0.14	0.0555	116	0.23
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.33 ± 0.1	0.0889	85.3	-0.28
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	0.18 ± 0.06	0.128	64.9	-0.81
Imidacloprid	µg/l	0.165 ± 0.0133	- ± -	0.0247	-	-
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.33 ± 0.1	0.0698	94.6	-0.09
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	0.28 ± 0.09	0.035	104	0.06
Sum Chlordane	µg/l	0.202 ± 0.0192	0.19 ± 0.06	0.0606	94	-0.10
Sum DDD	µg/l	0.734 ± 0.0881	0.86 ± 0.26	0.272	117	0.24
Sum DDE	µg/l	0.74 ± 0.0897	0.85 ± 0.26	0.274	115	0.21
Sum DDT	µg/l	0.513 ± 0.0499	0.98 ± 0.3	0.2	191	0.78
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	- ± -	0.043	-	-
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	0.67 ± 0.2	0.229	129	0.37

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.27 ± 0.38	0.129	109
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-
Bromacil	µg/l	0.895 ± 0.0512	0.94 ± 0.28	0.125	105
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-
Dieldrin	µg/l	0.763 ± 0.0561	0.63 ± 0.19	0.176	82.5
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	0.5 ± 0.15	0.274	83.9
Imidacloprid	µg/l	0.493 ± 0.0251	- ± -	0.0739	-
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.73 ± 0.22	0.168	87.1
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	1.3 ± 0.39	0.147	115
Sum Chlordane	µg/l	0.648 ± 0.0951	0.76 ± 0.23	0.194	117
Sum DDD	µg/l	0.792 ± 0.138	0.62 ± 0.19	0.293	78.3
Sum DDE	µg/l	0.672 ± 0.0945	0.59 ± 0.18	0.249	87.8
Sum DDT	µg/l	0.633 ± 0.147	0.7 ± 0.21	0.247	111
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	- ± -	0.133	-
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-



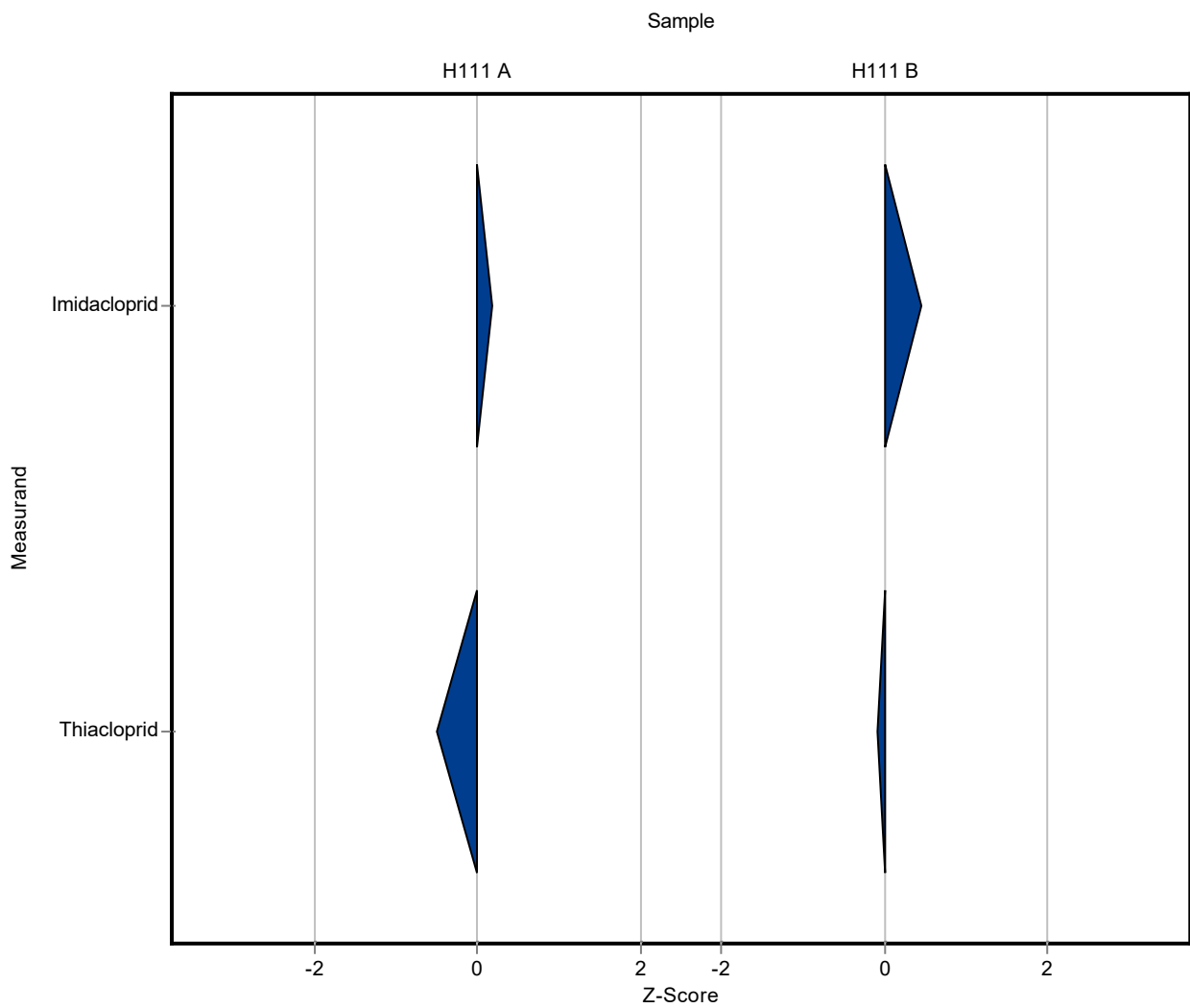
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	- ± -	0.045	-	-
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	- ± -	0.0554	-	-
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.169 ± 0.0507	0.0247	103	0.18
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.2855 ± 0.08565	0.043	93	-0.50
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	- ± -	0.129	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.5265 ± 0.15795	0.0739	107
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.9395 ± 0.28185	0.133	98.7
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-



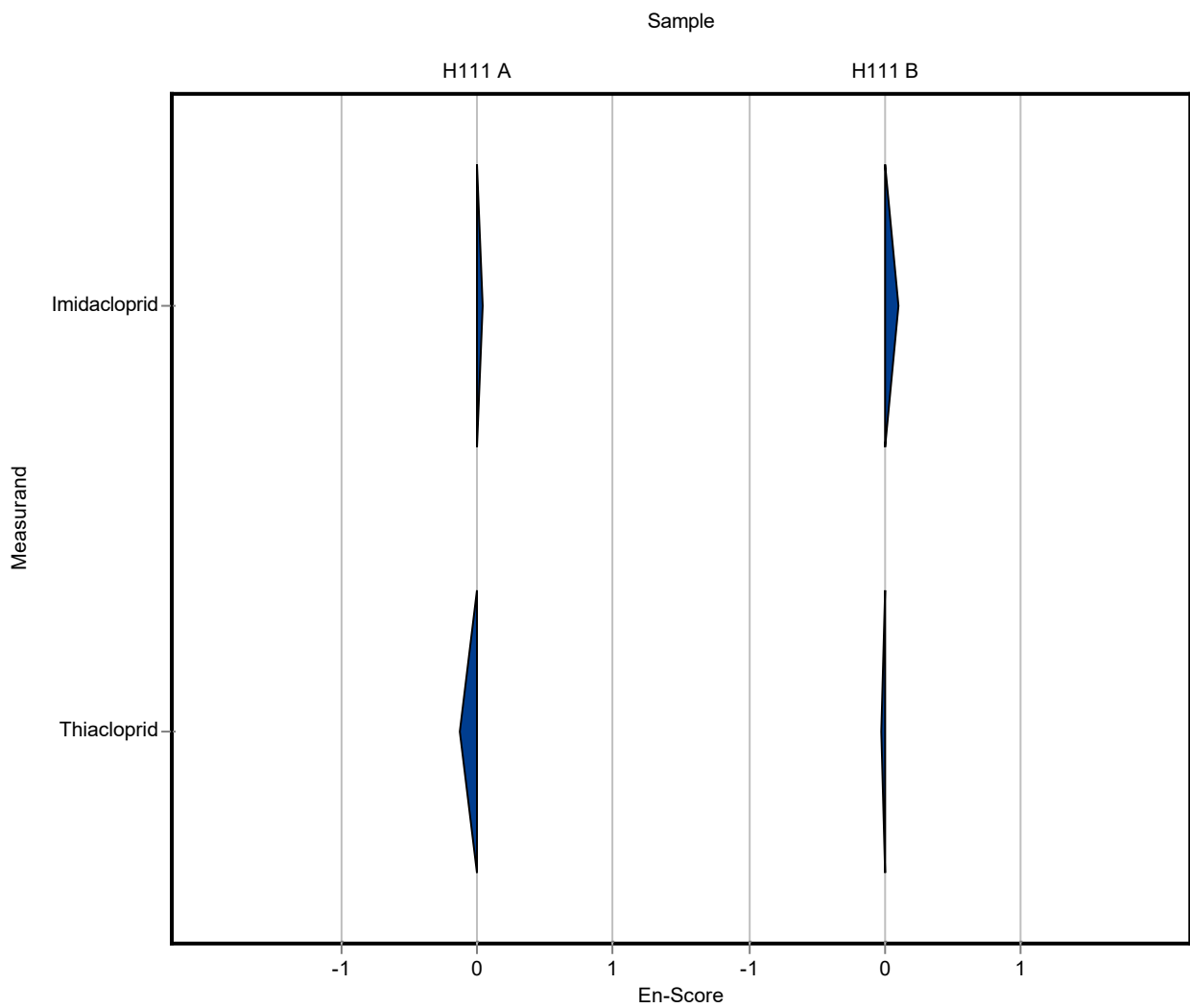
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	- ± -	0.0403	-	-
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	- ± -	0.045	-	-
Atrazine-desethyl	µg/l	0.572 ± 0.0279	- ± -	0.0687	-	-
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	- ± -	0.0554	-	-
Bromacil	µg/l	0.396 ± 0.0267	- ± -	0.0555	-	-
Clothianidin	µg/l	0.253 ± 0.022	- ± -	0.0279	-	-
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	- ± -	0.0889	-	-
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	- ± -	0.0749	-	-
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.169 ± 0.0507	0.0247	103	0.04
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	- ± -	0.0698	-	-
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	- ± -	0.0606	-	-
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	- ± -	0.274	-	-
Sum DDT	µg/l	0.513 ± 0.0499	- ± -	0.2	-	-
Sum Endosulfan	µg/l	0.286 ± 0.0241	- ± -	0.117	-	-
Thiacloprid	µg/l	0.307 ± 0.0214	0.2855 ± 0.08565	0.043	93	-0.13
Thiamethoxam	µg/l	0.256 ± 0.0126	- ± -	0.0435	-	-

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	- ± -	0.146	-	-
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	- ± -	0.129	-
Atrazine-desethyl	µg/l	0.846 ± 0.0593	- ± -	0.102	-
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	- ± -	0.208	-
Bromacil	µg/l	0.895 ± 0.0512	- ± -	0.125	-
Clothianidin	µg/l	0.917 ± 0.0705	- ± -	0.101	-
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-
Dieldrin	µg/l	0.763 ± 0.0561	- ± -	0.176	-
Dinotefurane	µg/l	- ± -	- ± -	-	-
Endrin	µg/l	0.903 ± 0.166	- ± -	0.162	-
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.5265 ± 0.15795	0.0739	107
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	- ± -	0.168	-
Nitenpyram	µg/l	- ± -	- ± -	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-
Sum Chlordane	µg/l	0.648 ± 0.0951	- ± -	0.194	-
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-
Sum DDE	µg/l	0.672 ± 0.0945	- ± -	0.249	-
Sum DDT	µg/l	0.633 ± 0.147	- ± -	0.247	-
Sum Endosulfan	µg/l	0.353 ± 0.0542	- ± -	0.145	-
Thiacloprid	µg/l	0.952 ± 0.0399	0.9395 ± 0.28185	0.133	98.7
Thiamethoxam	µg/l	1.45 ± 0.116	- ± -	0.246	-



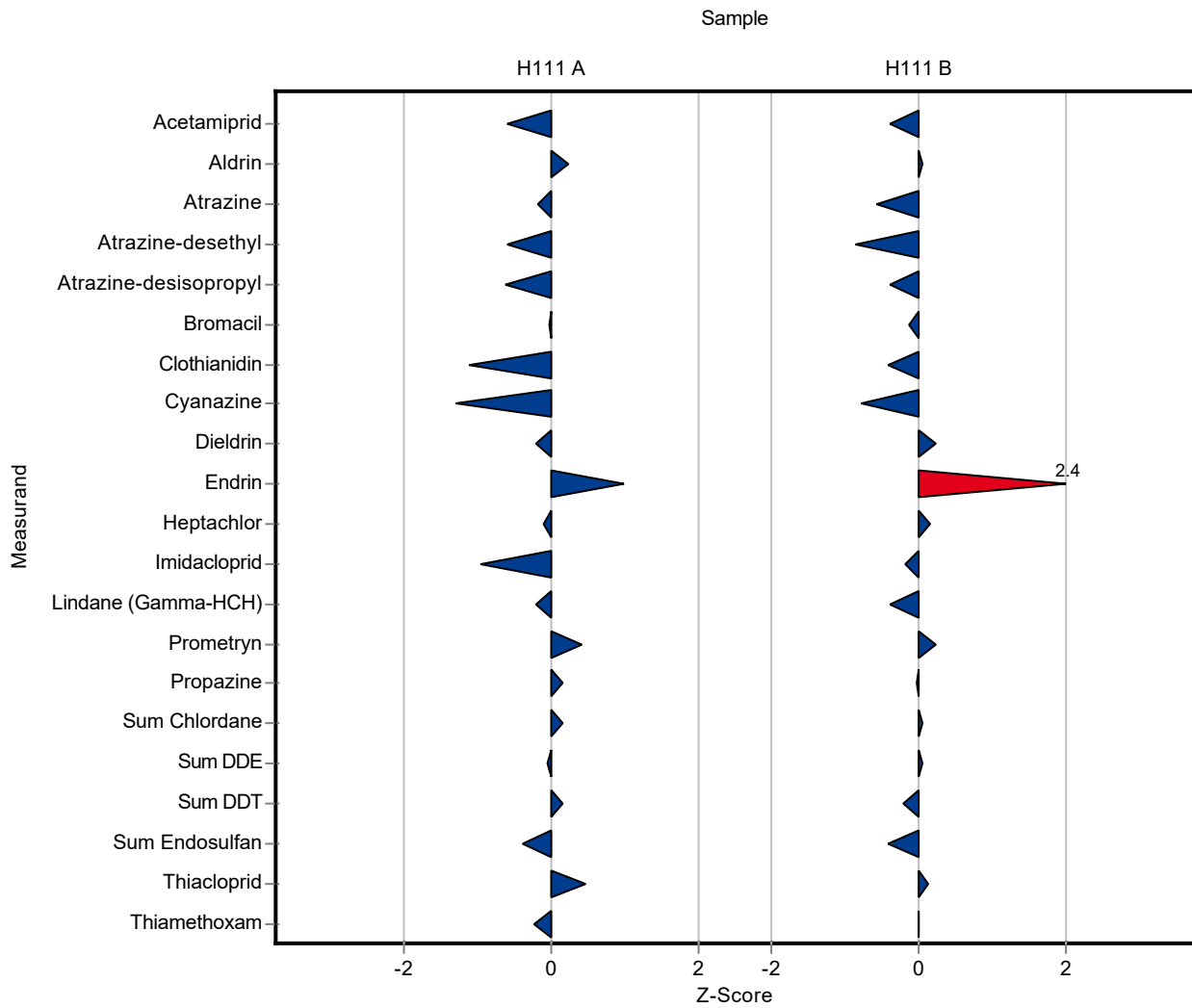
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.424 ± 0.064	0.0403	94.7	-0.59
Aldrin	µg/l	0.307 ± 0.0373	0.34 ± 0.051	0.135	111	0.24
Atrazine	µg/l	0.409 ± 0.0147	0.401 ± 0.06	0.045	98	-0.18
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.532 ± 0.08	0.0687	93	-0.59
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.361 ± 0.054	0.0554	91.3	-0.62
Bromacil	µg/l	0.396 ± 0.0267	0.394 ± 0.059	0.0555	99.5	-0.04
Clothianidin	µg/l	0.253 ± 0.022	0.222 ± 0.033	0.0279	87.6	-1.12
Cyanazine	µg/l	0.565 ± 0.036	0.461 ± 0.069	0.0791	81.6	-1.31
Dieldrin	µg/l	0.387 ± 0.0252	0.368 ± 0.055	0.0889	95.2	-0.21
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.49 ± 0.074	0.0749	118	0.99
Heptachlor	µg/l	0.277 ± 0.00881	0.263 ± 0.039	0.128	94.8	-0.11
Imidacloprid	µg/l	0.165 ± 0.0133	0.141 ± 0.021	0.0247	85.6	-0.96
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.334 ± 0.05	0.0698	95.7	-0.21
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.294 ± 0.044	0.0363	105	0.42
Propazine	µg/l	0.269 ± 0.0111	0.275 ± 0.041	0.035	102	0.16
Sum Chlordane	µg/l	0.202 ± 0.0192	0.212 ± 0.032	0.0606	105	0.16
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	0.726 ± 0.109	0.274	98.1	-0.05
Sum DDT	µg/l	0.513 ± 0.0499	0.547 ± 0.082	0.2	107	0.17
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.24 ± 0.036	0.117	84	-0.39
Thiacloprid	µg/l	0.307 ± 0.0214	0.327 ± 0.049	0.043	106	0.46
Thiamethoxam	µg/l	0.256 ± 0.0126	0.246 ± 0.037	0.0435	96.2	-0.23

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.436 ± 0.215	0.146	96.2	-0.39
Aldrin	µg/l	0.52 ± 0.066	0.531 ± 0.08	0.229	102	0.05

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.096 ± 0.164	0.129	93.6	-0.58
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.758 ± 0.114	0.102	89.6	-0.87
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.408 ± 0.211	0.208	94.5	-0.39
Bromacil	µg/l	0.895 ± 0.0512	0.878 ± 0.132	0.125	98.1	-0.14
Clothianidin	µg/l	0.917 ± 0.0705	0.876 ± 0.131	0.101	95.5	-0.41
Cyanazine	µg/l	1.44 ± 0.0964	1.283 ± 0.192	0.202	89	-0.78
Dieldrin	µg/l	0.763 ± 0.0561	0.806 ± 0.121	0.176	106	0.24
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	1.29 ± 0.194	0.162	143	2.38
Heptachlor	µg/l	0.596 ± 0.039	0.641 ± 0.096	0.274	108	0.16
Imidacloprid	µg/l	0.493 ± 0.0251	0.479 ± 0.072	0.0739	97.2	-0.19
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.774 ± 0.116	0.168	92.3	-0.38
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.661 ± 0.249	0.21	103	0.23
Propazine	µg/l	1.13 ± 0.0632	1.126 ± 0.169	0.147	99.7	-0.03
Sum Chlordane	µg/l	0.648 ± 0.0951	0.659 ± 0.099	0.194	102	0.06
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	0.688 ± 0.103	0.249	102	0.06
Sum DDT	µg/l	0.633 ± 0.147	0.579 ± 0.087	0.247	91.4	-0.22
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.293 ± 0.044	0.145	82.9	-0.42
Thiacloprid	µg/l	0.952 ± 0.0399	0.968 ± 0.145	0.133	102	0.12
Thiamethoxam	µg/l	1.45 ± 0.116	1.447 ± 0.217	0.246	100	0.00



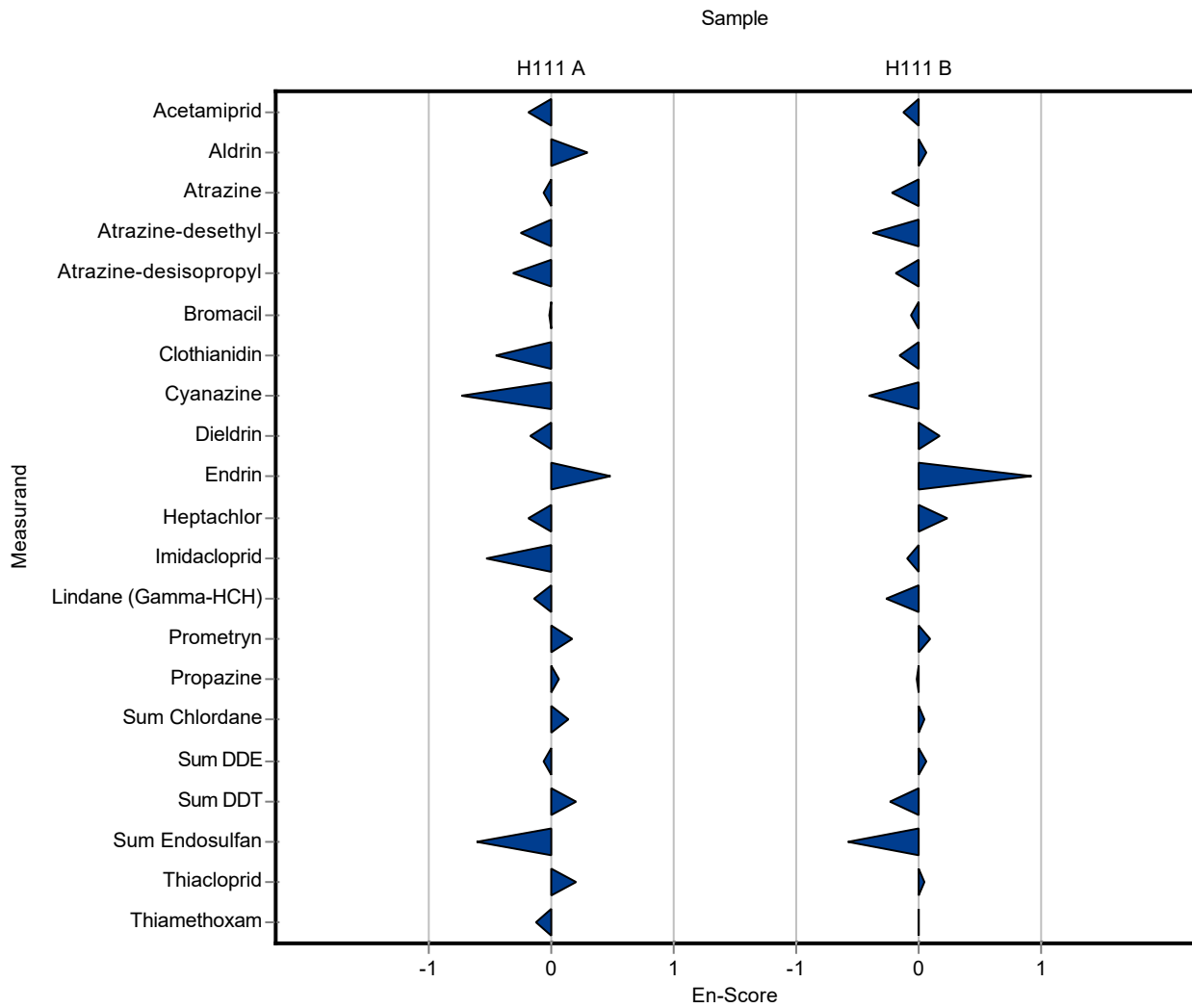
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.424 ± 0.064	0.0403	94.7	-0.18
Aldrin	µg/l	0.307 ± 0.0373	0.34 ± 0.051	0.135	111	0.30
Atrazine	µg/l	0.409 ± 0.0147	0.401 ± 0.06	0.045	98	-0.07
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.532 ± 0.08	0.0687	93	-0.25
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.361 ± 0.054	0.0554	91.3	-0.32
Bromacil	µg/l	0.396 ± 0.0267	0.394 ± 0.059	0.0555	99.5	-0.02
Clothianidin	µg/l	0.253 ± 0.022	0.222 ± 0.033	0.0279	87.6	-0.45
Cyanazine	µg/l	0.565 ± 0.036	0.461 ± 0.069	0.0791	81.6	-0.73
Dieldrin	µg/l	0.387 ± 0.0252	0.368 ± 0.055	0.0889	95.2	-0.17
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.49 ± 0.074	0.0749	118	0.49
Heptachlor	µg/l	0.277 ± 0.00881	0.263 ± 0.039	0.128	94.8	-0.18
Imidacloprid	µg/l	0.165 ± 0.0133	0.141 ± 0.021	0.0247	85.6	-0.54
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.334 ± 0.05	0.0698	95.7	-0.14
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.294 ± 0.044	0.0363	105	0.17
Propazine	µg/l	0.269 ± 0.0111	0.275 ± 0.041	0.035	102	0.07
Sum Chlordane	µg/l	0.202 ± 0.0192	0.212 ± 0.032	0.0606	105	0.15
Sum DDD	µg/l	0.734 ± 0.0881	- ± -	0.272	-	-
Sum DDE	µg/l	0.74 ± 0.0897	0.726 ± 0.109	0.274	98.1	-0.06
Sum DDT	µg/l	0.513 ± 0.0499	0.547 ± 0.082	0.2	107	0.20
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.24 ± 0.036	0.117	84	-0.60
Thiacloprid	µg/l	0.307 ± 0.0214	0.327 ± 0.049	0.043	106	0.20
Thiamethoxam	µg/l	0.256 ± 0.0126	0.246 ± 0.037	0.0435	96.2	-0.13

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.436 ± 0.215	0.146	96.2	-0.13
Aldrin	µg/l	0.52 ± 0.066	0.531 ± 0.08	0.229	102	0.06

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.096 ± 0.164	0.129	93.6	-0.22
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.758 ± 0.114	0.102	89.6	-0.38
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.408 ± 0.211	0.208	94.5	-0.19
Bromacil	µg/l	0.895 ± 0.0512	0.878 ± 0.132	0.125	98.1	-0.06
Clothianidin	µg/l	0.917 ± 0.0705	0.876 ± 0.131	0.101	95.5	-0.15
Cyanazine	µg/l	1.44 ± 0.0964	1.283 ± 0.192	0.202	89	-0.40
Dieldrin	µg/l	0.763 ± 0.0561	0.806 ± 0.121	0.176	106	0.17
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	1.29 ± 0.194	0.162	143	0.92
Heptachlor	µg/l	0.596 ± 0.039	0.641 ± 0.096	0.274	108	0.23
Imidacloprid	µg/l	0.493 ± 0.0251	0.479 ± 0.072	0.0739	97.2	-0.09
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.774 ± 0.116	0.168	92.3	-0.26
Nitenpyram	µg/l	- ± -	- ± -	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.661 ± 0.249	0.21	103	0.10
Propazine	µg/l	1.13 ± 0.0632	1.126 ± 0.169	0.147	99.7	-0.01
Sum Chlordane	µg/l	0.648 ± 0.0951	0.659 ± 0.099	0.194	102	0.05
Sum DDD	µg/l	0.792 ± 0.138	- ± -	0.293	-	-
Sum DDE	µg/l	0.672 ± 0.0945	0.688 ± 0.103	0.249	102	0.07
Sum DDT	µg/l	0.633 ± 0.147	0.579 ± 0.087	0.247	91.4	-0.24
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.293 ± 0.044	0.145	82.9	-0.58
Thiacloprid	µg/l	0.952 ± 0.0399	0.968 ± 0.145	0.133	102	0.05
Thiamethoxam	µg/l	1.45 ± 0.116	1.447 ± 0.217	0.246	100	0.00



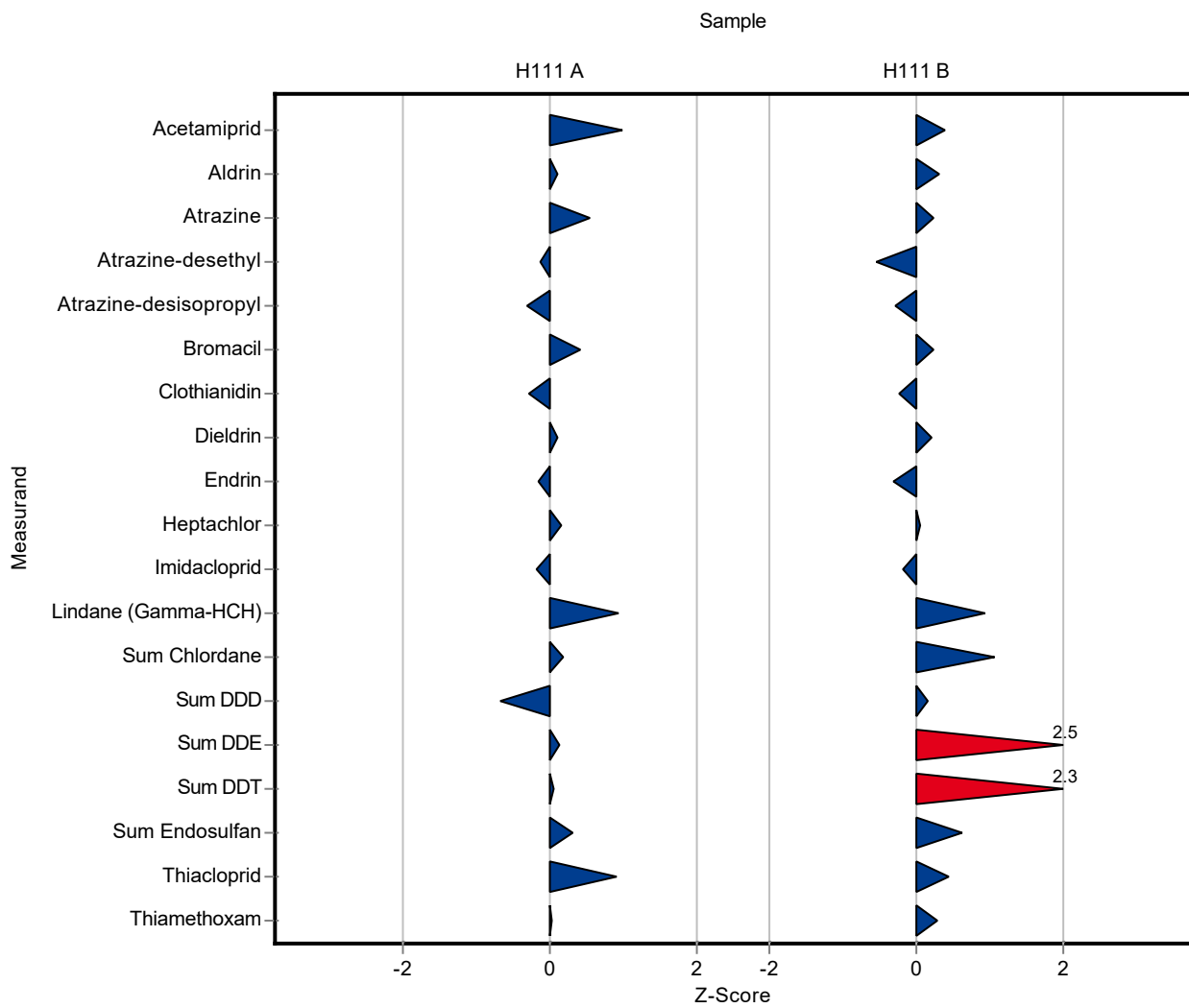
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.488 ± 0.049	0.0403	109	1.00
Aldrin	µg/l	0.307 ± 0.0373	0.321 ± 0.032	0.135	105	0.10
Atrazine	µg/l	0.409 ± 0.0147	0.434 ± 0.043	0.045	106	0.55
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.563 ± 0.056	0.0687	98.4	-0.14
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.378 ± 0.038	0.0554	95.6	-0.32
Bromacil	µg/l	0.396 ± 0.0267	0.419 ± 0.042	0.0555	106	0.41
Clothianidin	µg/l	0.253 ± 0.022	0.245 ± 0.025	0.0279	96.7	-0.30
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.395 ± 0.04	0.0889	102	0.09
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.404 ± 0.04	0.0749	97.1	-0.16
Heptachlor	µg/l	0.277 ± 0.00881	0.296 ± 0.03	0.128	107	0.14
Imidacloprid	µg/l	0.165 ± 0.0133	0.16 ± 0.016	0.0247	97.2	-0.19
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.414 ± 0.041	0.0698	119	0.93
Nitenpyram	µg/l	- ± -	0.342 ± 0.034	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	0.213 ± 0.021	0.0606	105	0.18
Sum DDD	µg/l	0.734 ± 0.0881	0.55 ± 0.055	0.272	74.9	-0.68
Sum DDE	µg/l	0.74 ± 0.0897	0.775 ± 0.078	0.274	105	0.13
Sum DDT	µg/l	0.513 ± 0.0499	0.522 ± 0.052	0.2	102	0.04
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.322 ± 0.032	0.117	113	0.31
Thiacloprid	µg/l	0.307 ± 0.0214	0.346 ± 0.035	0.043	113	0.91
Thiamethoxam	µg/l	0.256 ± 0.0126	0.257 ± 0.026	0.0435	100	0.03

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.55 ± 0.155	0.146	104	0.39
Aldrin	µg/l	0.52 ± 0.066	0.591 ± 0.059	0.229	114	0.31

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.2 ± 0.12	0.129	103	0.23
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.791 ± 0.079	0.102	93.5	-0.55
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.43 ± 0.143	0.208	96	-0.28
Bromacil	µg/l	0.895 ± 0.0512	0.926 ± 0.093	0.125	103	0.25
Clothianidin	µg/l	0.917 ± 0.0705	0.893 ± 0.089	0.101	97.4	-0.24
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.799 ± 0.08	0.176	105	0.20
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.852 ± 0.085	0.162	94.4	-0.31
Heptachlor	µg/l	0.596 ± 0.039	0.612 ± 0.061	0.274	103	0.06
Imidacloprid	µg/l	0.493 ± 0.0251	0.479 ± 0.048	0.0739	97.2	-0.19
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.996 ± 0.1	0.168	119	0.94
Nitenpyram	µg/l	- ± -	0.929 ± 0.093	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	0.856 ± 0.086	0.194	132	1.07
Sum DDD	µg/l	0.792 ± 0.138	0.838 ± 0.084	0.293	106	0.16
Sum DDE	µg/l	0.672 ± 0.0945	1.29 ± 0.129	0.249	192	2.48
Sum DDT	µg/l	0.633 ± 0.147	1.19 ± 0.119	0.247	188	2.25
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.444 ± 0.044	0.145	126	0.63
Thiacloprid	µg/l	0.952 ± 0.0399	1.01 ± 0.101	0.133	106	0.43
Thiamethoxam	µg/l	1.45 ± 0.116	1.52 ± 0.152	0.246	105	0.29



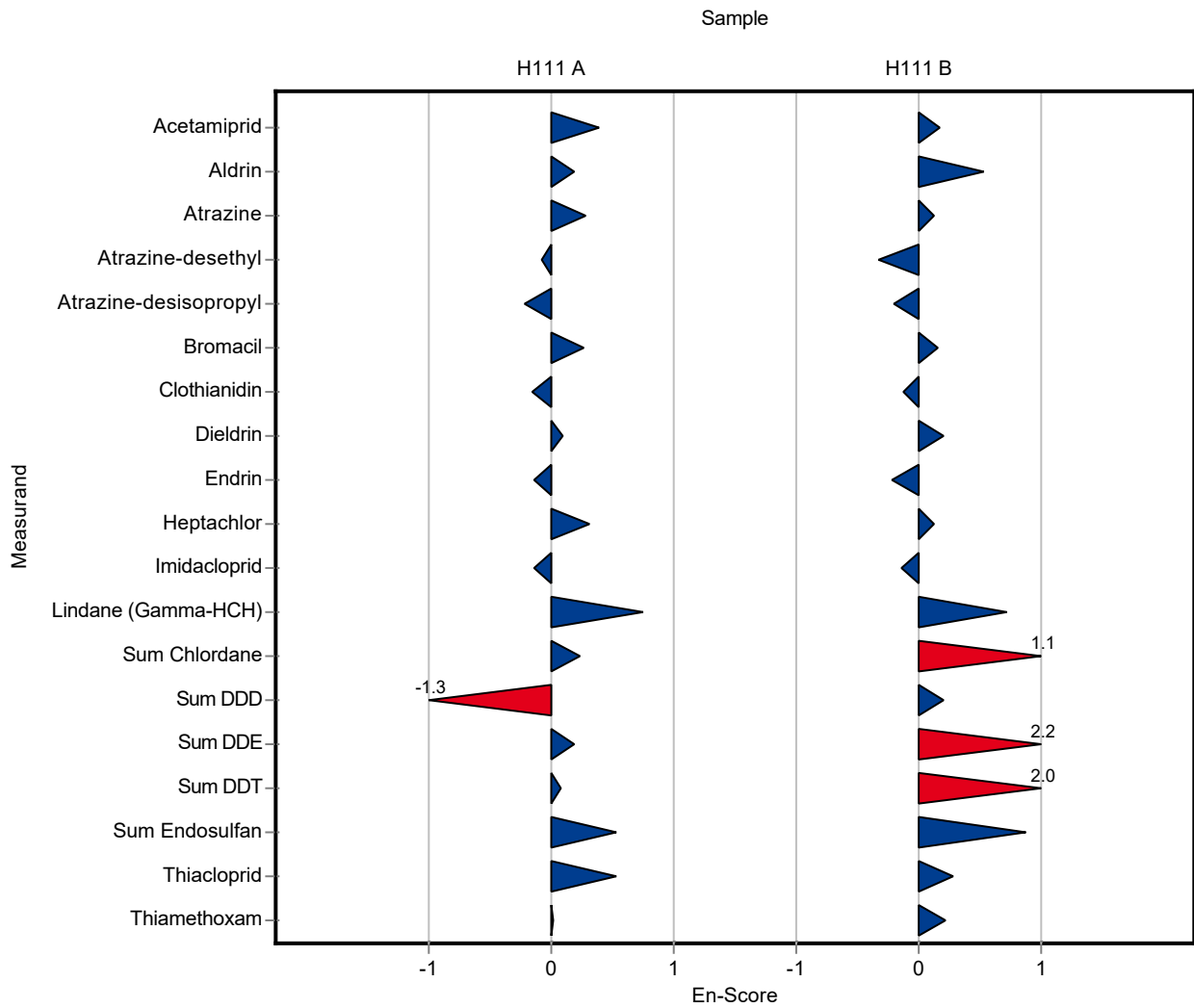
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.488 ± 0.049	0.0403	109	0.40
Aldrin	µg/l	0.307 ± 0.0373	0.321 ± 0.032	0.135	105	0.19
Atrazine	µg/l	0.409 ± 0.0147	0.434 ± 0.043	0.045	106	0.28
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.563 ± 0.056	0.0687	98.4	-0.08
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.378 ± 0.038	0.0554	95.6	-0.23
Bromacil	µg/l	0.396 ± 0.0267	0.419 ± 0.042	0.0555	106	0.26
Clothianidin	µg/l	0.253 ± 0.022	0.245 ± 0.025	0.0279	96.7	-0.15
Cyanazine	µg/l	0.565 ± 0.036	- ± -	0.0791	-	-
Dieldrin	µg/l	0.387 ± 0.0252	0.395 ± 0.04	0.0889	102	0.10
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.404 ± 0.04	0.0749	97.1	-0.14
Heptachlor	µg/l	0.277 ± 0.00881	0.296 ± 0.03	0.128	107	0.31
Imidacloprid	µg/l	0.165 ± 0.0133	0.16 ± 0.016	0.0247	97.2	-0.13
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.414 ± 0.041	0.0698	119	0.75
Nitenpyram	µg/l	- ± -	0.342 ± 0.034	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	- ± -	0.0363	-	-
Propazine	µg/l	0.269 ± 0.0111	- ± -	0.035	-	-
Sum Chlordane	µg/l	0.202 ± 0.0192	0.213 ± 0.021	0.0606	105	0.24
Sum DDD	µg/l	0.734 ± 0.0881	0.55 ± 0.055	0.272	74.9	-1.31
Sum DDE	µg/l	0.74 ± 0.0897	0.775 ± 0.078	0.274	105	0.19
Sum DDT	µg/l	0.513 ± 0.0499	0.522 ± 0.052	0.2	102	0.08
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.322 ± 0.032	0.117	113	0.53
Thiacloprid	µg/l	0.307 ± 0.0214	0.346 ± 0.035	0.043	113	0.53
Thiamethoxam	µg/l	0.256 ± 0.0126	0.257 ± 0.026	0.0435	100	0.02

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.55 ± 0.155	0.146	104	0.17
Aldrin	µg/l	0.52 ± 0.066	0.591 ± 0.059	0.229	114	0.52

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Atrazine	µg/l	1.17 ± 0.0497	1.2 ± 0.12	0.129	103	0.12
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.791 ± 0.079	0.102	93.5	-0.33
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.43 ± 0.143	0.208	96	-0.20
Bromacil	µg/l	0.895 ± 0.0512	0.926 ± 0.093	0.125	103	0.16
Clothianidin	µg/l	0.917 ± 0.0705	0.893 ± 0.089	0.101	97.4	-0.13
Cyanazine	µg/l	1.44 ± 0.0964	- ± -	0.202	-	-
Dieldrin	µg/l	0.763 ± 0.0561	0.799 ± 0.08	0.176	105	0.21
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.852 ± 0.085	0.162	94.4	-0.21
Heptachlor	µg/l	0.596 ± 0.039	0.612 ± 0.061	0.274	103	0.12
Imidacloprid	µg/l	0.493 ± 0.0251	0.479 ± 0.048	0.0739	97.2	-0.14
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.996 ± 0.1	0.168	119	0.71
Nitenpyram	µg/l	- ± -	0.929 ± 0.093	-	-	-
Prometryn	µg/l	1.61 ± 0.111	- ± -	0.21	-	-
Propazine	µg/l	1.13 ± 0.0632	- ± -	0.147	-	-
Sum Chlordane	µg/l	0.648 ± 0.0951	0.856 ± 0.086	0.194	132	1.06
Sum DDD	µg/l	0.792 ± 0.138	0.838 ± 0.084	0.293	106	0.21
Sum DDE	µg/l	0.672 ± 0.0945	1.29 ± 0.129	0.249	192	2.25
Sum DDT	µg/l	0.633 ± 0.147	1.19 ± 0.119	0.247	188	1.99
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.444 ± 0.044	0.145	126	0.88
Thiacloprid	µg/l	0.952 ± 0.0399	1.01 ± 0.101	0.133	106	0.28
Thiamethoxam	µg/l	1.45 ± 0.116	1.52 ± 0.152	0.246	105	0.22



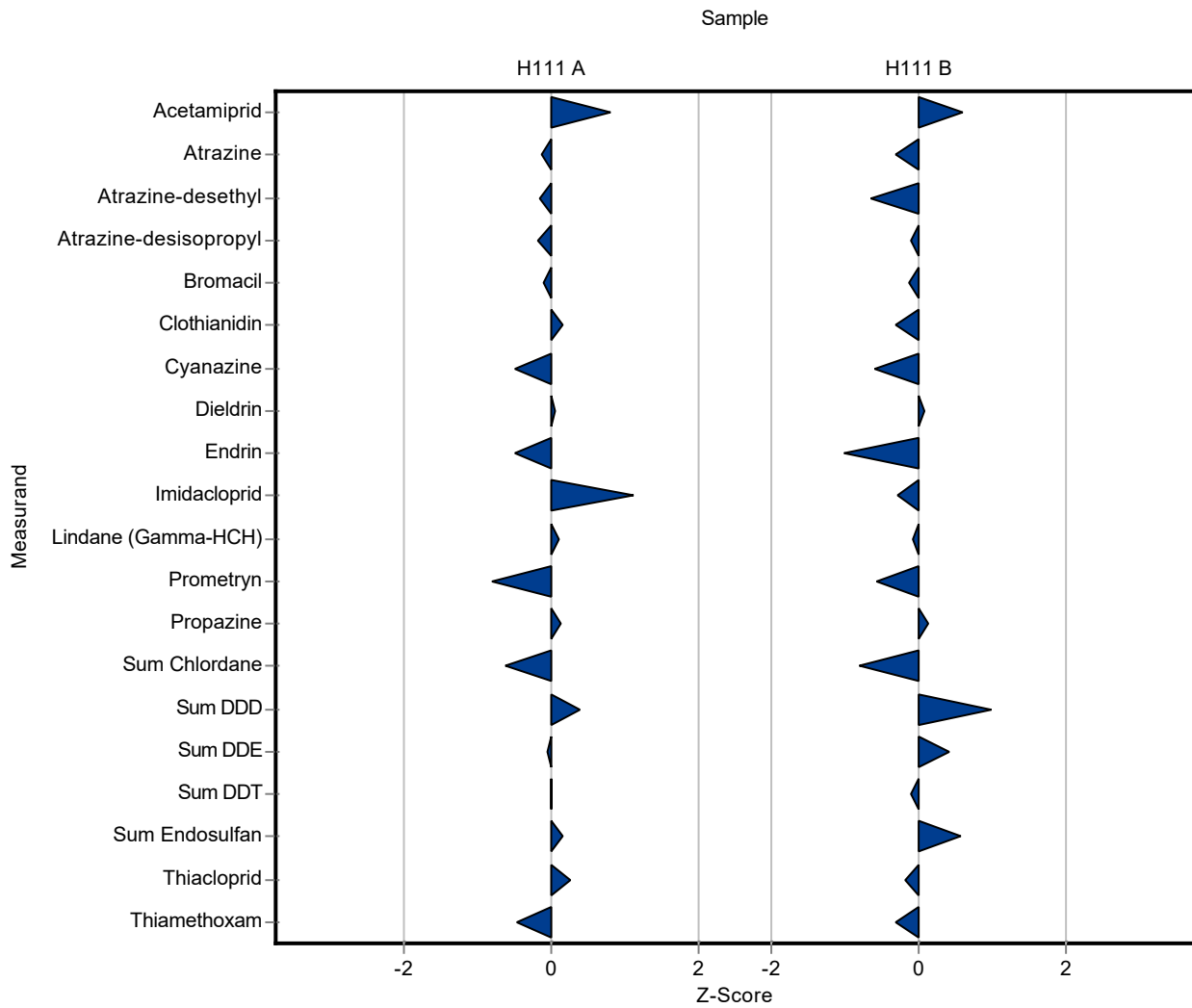
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.48 ± 0.024	0.0403	107	0.80
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.403 ± 0.0179	0.045	98.5	-0.14
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.561 ± 0.031	0.0687	98	-0.17
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.385 ± 0.021	0.0554	97.4	-0.19
Bromacil	µg/l	0.396 ± 0.0267	0.39 ± 0.019	0.0555	98.5	-0.11
Clothianidin	µg/l	0.253 ± 0.022	0.258 ± 0.0419	0.0279	102	0.17
Cyanazine	µg/l	0.565 ± 0.036	0.525 ± 0.043	0.0791	92.9	-0.51
Dieldrin	µg/l	0.387 ± 0.0252	0.391 ± 0.02	0.0889	101	0.05
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.38 ± 0.019	0.0749	91.3	-0.48
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.192 ± 0.051	0.0247	117	1.11
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.356 ± 0.018	0.0698	102	0.10
Nitenpyram	µg/l	- ± -	0.279 ± 0.014	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.25 ± 0.0035	0.0363	89.6	-0.80
Propazine	µg/l	0.269 ± 0.0111	0.274 ± 0.028	0.035	102	0.13
Sum Chlordane	µg/l	0.202 ± 0.0192	0.165 ± 0.0083	0.0606	81.6	-0.61
Sum DDD	µg/l	0.734 ± 0.0881	0.838 ± 0.084	0.272	114	0.38
Sum DDE	µg/l	0.74 ± 0.0897	0.724 ± 0.072	0.274	97.8	-0.06
Sum DDT	µg/l	0.513 ± 0.0499	0.514 ± 0.051	0.2	100	0.00
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.305 ± 0.015	0.117	107	0.16
Thiacloprid	µg/l	0.307 ± 0.0214	0.318 ± 0.026	0.043	104	0.25
Thiamethoxam	µg/l	0.256 ± 0.0126	0.235 ± 0.012	0.0435	91.9	-0.48

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.58 ± 0.079	0.146	106	0.59
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Atrazine	µg/l	1.17 ± 0.0497	1.13 ± 0.052	0.129	96.5	-0.31
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.781 ± 0.014	0.102	92.3	-0.64
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.47 ± 0.1	0.208	98.7	-0.09
Bromacil	µg/l	0.895 ± 0.0512	0.878 ± 0.056	0.125	98.1	-0.14
Clothianidin	µg/l	0.917 ± 0.0705	0.885 ± 0.034	0.101	96.5	-0.32
Cyanazine	µg/l	1.44 ± 0.0964	1.32 ± 0.018	0.202	91.6	-0.60
Dieldrin	µg/l	0.763 ± 0.0561	0.776 ± 0.039	0.176	102	0.07
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.737 ± 0.037	0.162	81.6	-1.02
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.471 ± 0.02	0.0739	95.6	-0.29
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.824 ± 0.041	0.168	98.3	-0.09
Nitenpyram	µg/l	- ± -	0.776 ± 0.039	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.49 ± 0.0076	0.21	92.4	-0.58
Propazine	µg/l	1.13 ± 0.0632	1.15 ± 0.071	0.147	102	0.14
Sum Chlordane	µg/l	0.648 ± 0.0951	0.492 ± 0.025	0.194	76	-0.80
Sum DDD	µg/l	0.792 ± 0.138	1.08 ± 0.11	0.293	136	0.98
Sum DDE	µg/l	0.672 ± 0.0945	0.777 ± 0.078	0.249	116	0.42
Sum DDT	µg/l	0.633 ± 0.147	0.608 ± 0.061	0.247	96	-0.10
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.437 ± 0.022	0.145	124	0.58
Thiacloprid	µg/l	0.952 ± 0.0399	0.928 ± 0.037	0.133	97.5	-0.18
Thiamethoxam	µg/l	1.45 ± 0.116	1.37 ± 0.068	0.246	94.6	-0.32



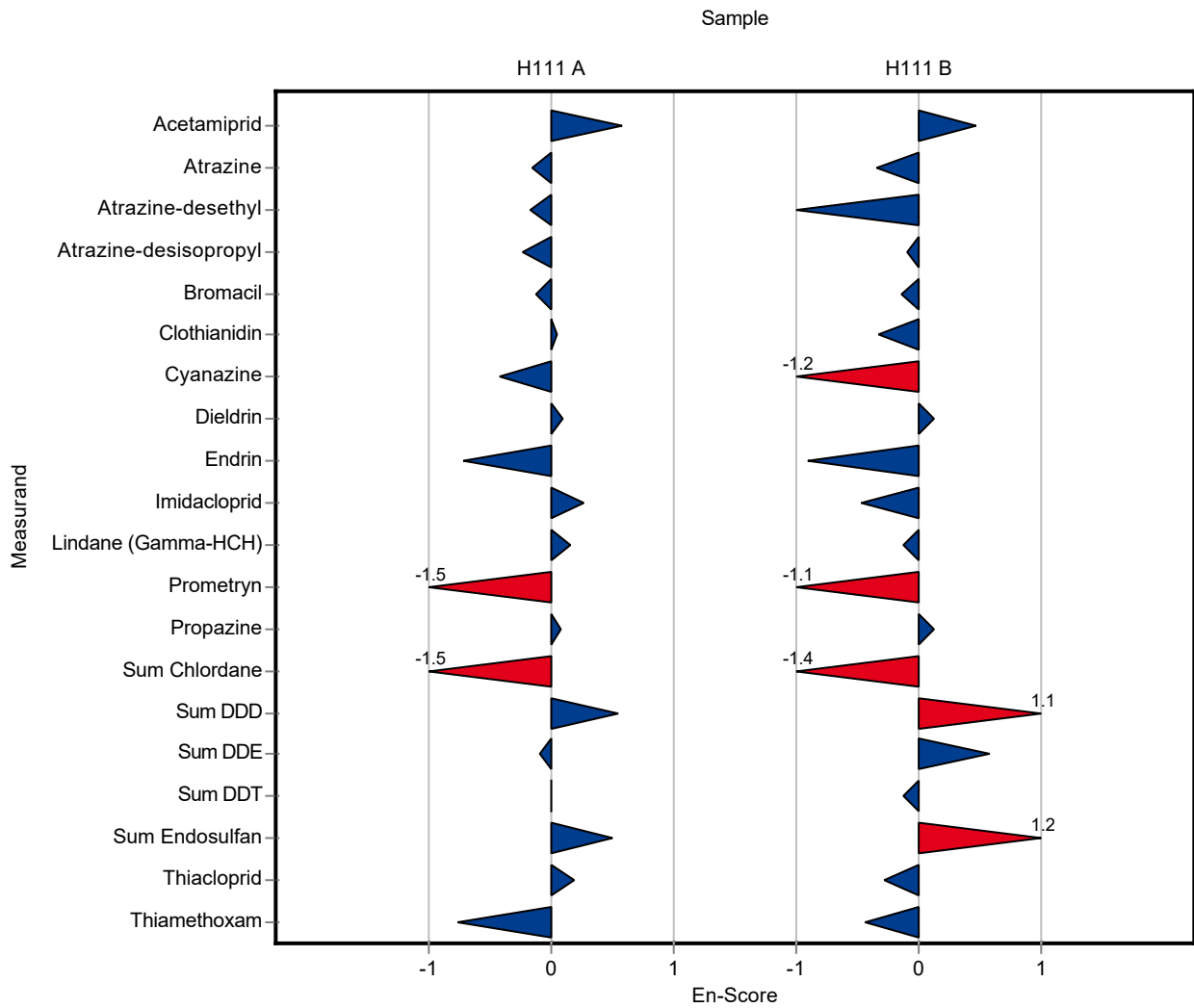
Sample: H111A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	0.448 ± 0.0286	0.48 ± 0.024	0.0403	107	0.58
Aldrin	µg/l	0.307 ± 0.0373	- ± -	0.135	-	-
Atrazine	µg/l	0.409 ± 0.0147	0.403 ± 0.0179	0.045	98.5	-0.16
Atrazine-desethyl	µg/l	0.572 ± 0.0279	0.561 ± 0.031	0.0687	98	-0.17
Atrazine-desisopropyl	µg/l	0.395 ± 0.0155	0.385 ± 0.021	0.0554	97.4	-0.23
Bromacil	µg/l	0.396 ± 0.0267	0.39 ± 0.019	0.0555	98.5	-0.13
Clothianidin	µg/l	0.253 ± 0.022	0.258 ± 0.0419	0.0279	102	0.05
Cyanazine	µg/l	0.565 ± 0.036	0.525 ± 0.043	0.0791	92.9	-0.43
Dieldrin	µg/l	0.387 ± 0.0252	0.391 ± 0.02	0.0889	101	0.09
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.416 ± 0.0332	0.38 ± 0.019	0.0749	91.3	-0.72
Heptachlor	µg/l	0.277 ± 0.00881	- ± -	0.128	-	-
Imidacloprid	µg/l	0.165 ± 0.0133	0.192 ± 0.051	0.0247	117	0.27
Lindane (Gamma-HCH)	µg/l	0.349 ± 0.028	0.356 ± 0.018	0.0698	102	0.15
Nitenpyram	µg/l	- ± -	0.279 ± 0.014	-	-	-
Prometryn	µg/l	0.279 ± 0.0175	0.25 ± 0.0035	0.0363	89.6	-1.53
Propazine	µg/l	0.269 ± 0.0111	0.274 ± 0.028	0.035	102	0.08
Sum Chlordane	µg/l	0.202 ± 0.0192	0.165 ± 0.0083	0.0606	81.6	-1.46
Sum DDD	µg/l	0.734 ± 0.0881	0.838 ± 0.084	0.272	114	0.55
Sum DDE	µg/l	0.74 ± 0.0897	0.724 ± 0.072	0.274	97.8	-0.09
Sum DDT	µg/l	0.513 ± 0.0499	0.514 ± 0.051	0.2	100	0.01
Sum Endosulfan	µg/l	0.286 ± 0.0241	0.305 ± 0.015	0.117	107	0.50
Thiacloprid	µg/l	0.307 ± 0.0214	0.318 ± 0.026	0.043	104	0.19
Thiamethoxam	µg/l	0.256 ± 0.0126	0.235 ± 0.012	0.0435	91.9	-0.77

Sample: H111B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Acetamiprid	µg/l	1.49 ± 0.0933	1.58 ± 0.079	0.146	106	0.47
Aldrin	µg/l	0.52 ± 0.066	- ± -	0.229	-	-

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion Recovery	En-Score	En-Score [%]
Atrazine	µg/l	1.17 ± 0.0497	1.13 ± 0.052	0.129	96.5	-0.35
Atrazine-desethyl	µg/l	0.846 ± 0.0593	0.781 ± 0.014	0.102	92.3	-0.99
Atrazine-desisopropyl	µg/l	1.49 ± 0.0658	1.47 ± 0.1	0.208	98.7	-0.09
Bromacil	µg/l	0.895 ± 0.0512	0.878 ± 0.056	0.125	98.1	-0.14
Clothianidin	µg/l	0.917 ± 0.0705	0.885 ± 0.034	0.101	96.5	-0.33
Cyanazine	µg/l	1.44 ± 0.0964	1.32 ± 0.018	0.202	91.6	-1.18
Dieldrin	µg/l	0.763 ± 0.0561	0.776 ± 0.039	0.176	102	0.13
Dinotefurane	µg/l	- ± -	- ± -	-	-	-
Endrin	µg/l	0.903 ± 0.166	0.737 ± 0.037	0.162	81.6	-0.91
Heptachlor	µg/l	0.596 ± 0.039	- ± -	0.274	-	-
Imidacloprid	µg/l	0.493 ± 0.0251	0.471 ± 0.02	0.0739	95.6	-0.46
Lindane (Gamma-HCH)	µg/l	0.838 ± 0.0921	0.824 ± 0.041	0.168	98.3	-0.12
Nitenpyram	µg/l	- ± -	0.776 ± 0.039	-	-	-
Prometryn	µg/l	1.61 ± 0.111	1.49 ± 0.0076	0.21	92.4	-1.09
Propazine	µg/l	1.13 ± 0.0632	1.15 ± 0.071	0.147	102	0.13
Sum Chlordane	µg/l	0.648 ± 0.0951	0.492 ± 0.025	0.194	76	-1.45
Sum DDD	µg/l	0.792 ± 0.138	1.08 ± 0.11	0.293	136	1.11
Sum DDE	µg/l	0.672 ± 0.0945	0.777 ± 0.078	0.249	116	0.57
Sum DDT	µg/l	0.633 ± 0.147	0.608 ± 0.061	0.247	96	-0.13
Sum Endosulfan	µg/l	0.353 ± 0.0542	0.437 ± 0.022	0.145	124	1.20
Thiacloprid	µg/l	0.952 ± 0.0399	0.928 ± 0.037	0.133	97.5	-0.29
Thiamethoxam	µg/l	1.45 ± 0.116	1.37 ± 0.068	0.246	94.6	-0.43



E9. Methodenübersicht / Overview of methods

LabCode	Sample	Atrazine	Atrazine-desethyl	Atrazine-desisopropyl	Bromacil
LC0001	H111A	LC-MS; SLMB chap. 46	LC-MS; SLMB chap. 46	LC-MS; SLMB chap. 46	
LC0002	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0003	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0004	H111A	GC-MS; EN 16693	GC-MS; EN 16693	GC-MS; EN 16693	LC-MS/MS; DIN 38407-35
LC0005	H111A		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0006	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0007	H111A	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	
LC0008	H111A	LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;
LC0009	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0010	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0011	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0012	H111A	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	LC-MS/MS direct; DIN 38407-36
LC0013	H111A	LC-MS/MS;			
LC0014	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0015	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0016	H111A	LC-MS/MS (SPE);	LC-MS/MS (SPE);	LC-MS/MS (SPE);	
LC0017	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0018	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0019	H111A	GC-MS; EPA 252.2			GC-MS; EPA 252.2
LC0020	H111A				
LC0021	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0022	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0023	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36

LabCode	Sample	Cyanazine	Prometryn	Propazine	Aldrin
LC0001	H111A	LC-MS; SLMB chap. 46		LC-MS; SLMB chap. 46	
LC0002	H111A		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0003	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC-MS/MS;	GC-MS/MS;
LC0004	H111A	GC-MS; EN 16693	GC-MS; EN 16693	GC-MS; EN 16693	GC-MS; EN 16693
LC0005	H111A				
LC0006	H111A			LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0007	H111A			LC-MS/MS direct;	
LC0008	H111A		LC-MS/MS direct;	LC-MS/MS direct;	
LC0009	H111A			LC-MS/MS direct; DIN 38407-36	
LC0010	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0011	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0012	H111A	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	GC-MS; EN ISO 6468
LC0013	H111A				GC-MS/MS;
LC0014	H111A			LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0015	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0016	H111A				GC-MS/MS (SPE);
LC0017	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0018	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0019	H111A			GC-MS; EPA 252.2	GC-MS; EPA 252.2
LC0020	H111A				
LC0021	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC; EN ISO 10695
LC0022	H111A				GC-MS; EN ISO 6468
LC0023	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	

LabCode	Sample	Sum Chlordane	Dieldrin	Endrin	Sum Endosulfan	Heptachlor	Lindane (Gamma-HCH)
LC0001	H111A						
LC0002	H111A						
LC0003	H111A	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;
LC0004	H111A	GC-MS; EN 16693	GC-MS; EN 16693			GC-MS; EN 16693	GC-MS; EN 16693
LC0005	H111A						
LC0006	H111A		GC-MS; EN ISO 6468			GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0007	H111A						
LC0008	H111A		GC-MS/MS; extraction				GC-MS/MS; extraction
LC0009	H111A						
LC0010	H111A						
LC0011	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0012	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468			GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0013	H111A		GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;
LC0014	H111A		GC-MS; EN ISO 6468			GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0015	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0016	H111A		GC-MS/MS (SPE);		GC-MS/MS (SPE);	GC-MS/MS (SPE);	GC-MS/MS (SPE);
LC0017	H111A						
LC0018	H111A						
LC0019	H111A	GC-MS; EPA 252.2	GC-MS; EPA 252.2			GC-MS; EPA 252.2	GC-MS; EPA 252.2
LC0020	H111A						
LC0021	H111A	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695
LC0022	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0023	H111A	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695		GC; EN ISO 10695

LabCode	Sample	Sum DDT	Sum DDE	Sum DDD	Acetamiprid	Clothianidin
LC0001	H111A					
LC0002	H111A				LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0003	H111A	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0004	H111A	GC-MS; EN 16693	GC-MS; EN 16693			LC-MS/MS; DIN 38407-35
LC0005	H111A				LC-MS/MS direct;	LC-MS/MS direct;
LC0006	H111A					
LC0007	H111A					
LC0008	H111A					
LC0009	H111A					LC-MS/MS direct; DIN 38407-36
LC0010	H111A					
LC0011	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35
LC0012	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468			LC-MS/MS direct; DIN 38407-36
LC0013	H111A				LC-MS/MS;	LC-MS/MS;
LC0014	H111A					LC-MS/MS direct; DIN 38407-36
LC0015	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468		
LC0016	H111A	GC-MS/MS (SPE);	GC-MS/MS (SPE);	GC-MS/MS (SPE);	LC-MS/MS (SPE);	
LC0017	H111A				LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0018	H111A					LC-MS/MS direct; DIN 38407-36
LC0019	H111A	GC-MS; EPA 252.2	GC-MS; EPA 252.2	GC-MS; EPA 252.2		
LC0020	H111A					
LC0021	H111A	GC; EN ISO 10695	GC; EN ISO 10695		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0022	H111A	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0023	H111A	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36

LabCode	Sample	Dinotefurane	Imidacloprid	Nitenpyram	Thiacloprid	Thiamethoxam
LC0001	H111A					
LC0002	H111A		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0003	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0004	H111A		LC-MS/MS; DIN 38407-35		LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0005	H111A		LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;
LC0006	H111A					
LC0007	H111A		LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;
LC0008	H111A					
LC0009	H111A		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0010	H111A					
LC0011	H111A		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0012	H111A		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0013	H111A		LC-MS/MS;		LC-MS/MS;	LC-MS/MS;
LC0014	H111A		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	
LC0015	H111A					
LC0016	H111A		LC-MS/MS (SPE);		LC-MS/MS (SPE);	
LC0017	H111A	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0018	H111A		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0019	H111A					
LC0020	H111A		LC-MS/MS; EPA 535/EPA1694		LC-MS/MS; EPA 535/EPA1694	
LC0021	H111A		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0022	H111A		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0023	H111A		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36

LabCode	Sample	Atrazine	Atrazine-desethyl	Atrazine-desisopropyl	Bromacil
LC0001	H111B	LC-MS; SLMB chap. 46	LC-MS; SLMB chap. 46	LC-MS; SLMB chap. 46	
LC0002	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0003	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0004	H111B	GC-MS; EN 16693	GC-MS; EN 16693	GC-MS; EN 16693	LC-MS/MS; DIN 38407-35
LC0005	H111B		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0006	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0007	H111B	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	
LC0008	H111B				
LC0009	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0010	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0011	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0012	H111B	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	LC-MS/MS direct; DIN 38407-36
LC0013	H111B	LC-MS/MS;			
LC0014	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0015	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0016	H111B	LC-MS/MS (SPE);	LC-MS/MS (SPE);	LC-MS/MS (SPE);	
LC0017	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0018	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0019	H111B	GC-MS; EPA 252.2			GC-MS; EPA 252.2
LC0020	H111B				
LC0021	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0022	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0023	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36

LabCode	Sample	Cyanazine	Prometryn	Propazine	Aldrin
LC0001	H111B	LC-MS; SLMB chap. 46		LC-MS; SLMB chap. 46	
LC0002	H111B		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0003	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC-MS/MS;	GC-MS/MS;
LC0004	H111B	GC-MS; EN 16693	GC-MS; EN 16693	GC-MS; EN 16693	GC-MS; EN 16693
LC0005	H111B				
LC0006	H111B			LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0007	H111B			LC-MS/MS direct;	
LC0008	H111B				
LC0009	H111B			LC-MS/MS direct; DIN 38407-36	
LC0010	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0011	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0012	H111B	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	LC (UV-detection); EN ISO 11369	GC-MS; EN ISO 6468
LC0013	H111B				GC-MS/MS;
LC0014	H111B			LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0015	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC-MS; EN ISO 6468
LC0016	H111B				GC-MS/MS (SPE);
LC0017	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0018	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0019	H111B			GC-MS; EPA 252.2	GC-MS; EPA 252.2
LC0020	H111B				
LC0021	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	GC; EN ISO 10695
LC0022	H111B				GC-MS; EN ISO 6468
LC0023	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	

LabCode	Sample	Sum Chlordane	Dieldrin	Endrin	Sum Endosulfan	Heptachlor	Lindane (Gamma-HCH)
LC0001	H111B						
LC0002	H111B						
LC0003	H111B	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;
LC0004	H111B	GC-MS; EN 16693	GC-MS; EN 16693			GC-MS; EN 16693	GC-MS; EN 16693
LC0005	H111B						
LC0006	H111B		GC-MS; EN ISO 6468			GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0007	H111B						
LC0008	H111B						GC-MS/MS; extraction
LC0009	H111B						
LC0010	H111B						
LC0011	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0012	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468			GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0013	H111B		GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;
LC0014	H111B		GC-MS; EN ISO 6468			GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0015	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0016	H111B		GC-MS/MS (SPE);		GC-MS/MS (SPE);	GC-MS/MS (SPE);	GC-MS/MS (SPE);
LC0017	H111B						
LC0018	H111B						
LC0019	H111B	GC-MS; EPA 252.2	GC-MS; EPA 252.2			GC-MS; EPA 252.2	GC-MS; EPA 252.2
LC0020	H111B						
LC0021	H111B	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695
LC0022	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468
LC0023	H111B	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695		GC; EN ISO 10695

LabCode	Sample	Sum DDT	Sum DDE	Sum DDD	Acetamiprid	Clothianidin
LC0001	H111B					
LC0002	H111B				LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0003	H111B	GC-MS/MS;	GC-MS/MS;	GC-MS/MS;	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0004	H111B	GC-MS; EN 16693	GC-MS; EN 16693			LC-MS/MS; DIN 38407-35
LC0005	H111B				LC-MS/MS direct;	LC-MS/MS direct;
LC0006	H111B					
LC0007	H111B					
LC0008	H111B					
LC0009	H111B					LC-MS/MS direct; DIN 38407-36
LC0010	H111B					
LC0011	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35
LC0012	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468			LC-MS/MS direct; DIN 38407-36
LC0013	H111B				LC-MS/MS;	LC-MS/MS;
LC0014	H111B					LC-MS/MS direct; DIN 38407-36
LC0015	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468		
LC0016	H111B	GC-MS/MS (SPE);	GC-MS/MS (SPE);	GC-MS/MS (SPE);	LC-MS/MS (SPE);	
LC0017	H111B				LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0018	H111B					LC-MS/MS direct; DIN 38407-36
LC0019	H111B	GC-MS; EPA 252.2	GC-MS; EPA 252.2	GC-MS; EPA 252.2		
LC0020	H111B					
LC0021	H111B	GC; EN ISO 10695	GC; EN ISO 10695		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0022	H111B	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	GC-MS; EN ISO 6468	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0023	H111B	GC; EN ISO 10695	GC; EN ISO 10695	GC; EN ISO 10695	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36

LabCode	Sample	Dinotefurane	Imidacloprid	Nitenpyram	Thiacloprid	Thiamethoxam
LC0001	H111B					
LC0002	H111B		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0003	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0004	H111B		LC-MS/MS; DIN 38407-35		LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0005	H111B		LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;
LC0006	H111B					
LC0007	H111B		LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;
LC0008	H111B					
LC0009	H111B		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0010	H111B					
LC0011	H111B		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0012	H111B		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0013	H111B		LC-MS/MS;		LC-MS/MS;	LC-MS/MS;
LC0014	H111B		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	
LC0015	H111B					
LC0016	H111B		LC-MS/MS (SPE);		LC-MS/MS (SPE);	
LC0017	H111B	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0018	H111B		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0019	H111B					
LC0020	H111B		LC-MS/MS; EPA 535/EPA1694		LC-MS/MS; EPA 535/EPA1694	
LC0021	H111B		LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0022	H111B		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0023	H111B		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36