umweltbundesamt
ENVIRONMENT AGENCY AUSTRIA

Proficiency Testing Scheme für die Wasseranalytik - Realproben

H116 Herbizide/Pestizide

Proficiency Testing Scheme for Water Analysis - natural water samples

H116 Herbicides/Pesticides

BERICHT / REPORT

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D1. Beschreibung des Ringversuchs

D1.1. Ausgestaltung und Durchführung

- Anzahl der Anmeldungen: 30
- Anzahl der übermittelten Datensätze: 29
- Probenversand: 20.06.2023
- Einsendeschluss der Daten: 25.07.2023

Die Ergebnisabgabe erfolgte auf elektronischem Weg mittels passwortgeschützter Online-Dateneingabe. Beim Abschluss der Dateneingabe bestätigten die Teilnehmenden 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 Oberflächenwasser erfolgte am 15.06.2023. Das Probenmaterial umfasste:

- 1 Probe Grundwasser (H116 A)
- 1 Probe Oberflächenwasser (H116 B)

Alle Proben wurden anschließend bis zur weiteren Verarbeitung gekühlt gelagert (4 +/- 3°C). Die o.a. Proben wurden bei 40 µm filtriert und im Rührkessel zusätzlich mit einzelnen Substanzen dotiert.

Das Abfüllen der Proben erfolgte unter ständigem Rühren (Rührkessel). Die Stabilisierung erfolgte durch Kühlung.

Die homogenen Prüfgegenstände wurden am 20.06.2023 verschickt.

Jedes Teilnehmerlabor erhielt:

- 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
- 2 Proben zu je 1000 ml, abgefüllt in 1 x 1000 ml Kunststoff-Flaschen (für AMPA, Glufosinat, Glyphosat)

D1.3. Anweisungen für die Teilnehmenden

Aus Stabilitätsgründen wurde empfohlen bis spätestens 28.06.2023 mit den Analysen zu beginnen.

Den Teilnehmenden stand die Wahl der Analysenmethode 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.

Alle Parameter wurden in der Prüfstelle am Umweltbundesamt (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) zeitnah zum Probenversand analysiert. Akkreditierung gemäß EN ISO/IEC 17025 für die Analyse aller Substanzen mit Ausnahme von folgenden **Chlorthalonil Metaboliten: **R611965, **R471811, **R611968, **SYN507900, **SYN548580 und **SYN 548581.

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 parameterorientieren Auswertung (E7) in Form von Mittelwerten ± Messunsicherheit als Kontrollwert (control test value) ± 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 2021.

Um die ausreichende Stabilität der Prüfgegenstände der aktuellen Eignungsprüfungsrunde bis zum Abgabetermin zu überprüfen, wurde die Darstellung der Ergebnisse der Teilnehmenden nach Analysendatum ausgewertet und auf systematische Trends geprüft (unauffällig). Durch Darstellung der Ergebnisse der Teilnehmenden 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 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 25.07.2023 beim Veranstalter vorliegen. Später eingehende Werte wurden nicht berücksichtigt.

Im Zuge der Plausibilitätsprüfung der Daten (z.B. Check korrekte Einheiten, Messunsicherheitsangabe, …) wurden die Teilnehmenden 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 eingestuften 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, nummerischen 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 Ergebnisse der Teilnehmenden von über 50 % oder bei mangelhafter Rückführbarkeit der statistischen Kenndaten aus den ausreißerbereinigten Ergebnissen der Teilnehmenden 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 Ergebnisse der Teilnehmenden für diesen Parameter möglich ist. Ein entsprechender Hinweis wird im Bericht unter E7 bei der informativen Auswertung angebracht. Im Rahmen der internen Qualitätssicherung der Teilnehmenden 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:

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

Dabei ist:

x_i	Messergebnis des teilnehmenden Labors
$\overline{X}$	zugewiesener Wert Sollwert für die Leistungsbewertung der Teilnehmenden (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Ergebnisse der Teilnehmenden. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
Kriterium	Vergleichsstandardabweichung berechnet aus den Statistiken für reale Wasserproben der vorangegangenen Runden im Zeitraum 2013 bis 2021 (RSDpooled) bzw. aus den ausreißerbereinigten Ergebnissen der Teilnehmenden (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 Teilnehmenden und der erweiterten Messunsicherheit des zugewiesenen Wertes, gemäß E_n-Score. Diese Auswertungen werden für die Teilnehmenden 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
$\overline{X}$	zugewiesener Wert Sollwert für die Leistungsbewertung der Teilnehmenden (angegeben auf 3 signifikante Stellen); im Regelfall: ausreißerbereinigter Mittelwert der Ergebnisse der Teilnehmenden. Eine davon abweichende Vorgehensweise wird unter Punkt D4 des Berichts beschrieben.
U(x_i)	erweiterte Messunsicherheit des Messergebnisses (Ergebnisse der Teilnehmenden), 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-Score| ≤ 2.0 Ergebnis gut
- 2.0 < |z-Score| < 3.0 Ergebnis fragwürdig
- |z-Score| ≥ 3.0 Ergebnis nicht zufriedenstellend

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

Interpretation der E_n-Scores:

- |E_n-Score| ≤ 1.0 zufriedenstellende Leistung
- |E_n-Score| > 1.0 nicht zufriedenstellende Leistung

Hinweis: Bei der Bewertung mittels E_n-Score erfolgt die Berücksichtigung der erweiterten Messunsicherheiten der Teilnehmenden und des zugewiesenen Wertes. |E_n-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 (± 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 laborientierten Auswertung werden pro Labor in anonymisierter Form die Ergebnisse der einzelnen Labore als Messergebnis ± 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 laborientierten 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 Ergebnisse der Teilnehmenden 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 Ergebnisse der Teilnehmenden 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 9 Eignungsprüfungsrunden (2013–2021) in Realproben wurden Kriterien (RSDpool) zur Ergebnisbewertung berechnet. Diese wurden im Zuge der Auswertung den relativen Vergleichs-standardabweichungen (vR) des aktuellen Ringversuchs gegenübergestellt.

****Die Bewertung der Chlorthalonil-Metaboliten dient als informativer Wert, da für diese Parameter keine Akkreditierung gemäß EN ISO/IEC 17043 vorliegt (Kennzeichnung **).**

Parameter **Chlorthalonil Metabolit R611968, **Chlorthalonil Metabolit SYN548580, **Chlorthalonil Metabolit SYN548581 bei Probe H116 A und Parameter **Chlorthalonil Metabolit R611968, **Chlorthalonil Metabolit SYN548580, **Chlorthalonil Metabolit SYN548581 bei Probe H116 B:
Aufgrund einer geringen Anzahl an übermittelten gültigen Ergebnissen der Teilnehmenden konnte kein Sollwert berechnet werden. Für diese Parameter wurden zur Information die Mittelwerte aus den akkreditierten Laborergebnissen ermittelt,

welche im Rahmen Ihrer internen Qualitätssichernden Maßnahmen (QS) als Vergleichswerte herangezogen werden können.

Parameter Metazachlor bei Probe H116 A und Parameter Metazachlor Probe H116 B: Die auf Basis der Ergebnisse der Teilnehmenden 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 Teilnehmenden berechnet.

Parameter **Chlorthalonil-4-hydroxy und **Chlorthalonil Metabolit R471811 bei Probe H116 A sowie **Chlorthalonil-4-hydroxy, **Chlorthalonil Metabolit R611965 und **Chlorthalonil ESA bei Probe H116 B:
Für diese Parameter wurden relative Vergleichsstandardabweichungen (vR) von jeweils aufgerundet auf 10 % für die Bewertung festgelegt.

Parameter Alachlor ESA, Alachlor OA bei Probe H116B:
Für die Parameter wurden die Vergleichsstandardabweichungen der aktuellen Runde für die Bewertung gewählt: 27 % für Alachlor ESA Probe H116 B sowie 28 % für Alachlor OA Probe H116 B.

Für die folgenden Substanzen wurden die relativen Vergleichsstandardabweichungen (vR) der aktuellen Eignungsprüfungsrunde für die Bewertung herangezogen: **Dimethachlor Metabolit CGA 369873, **Chlorthalonil Metabolit R611965, **Chlorthalonil Metabolit SYN507900, **Chlorthalonil-ESA für Probe H116A und **Dimethachlor Metabolit CGA 369873, **Chlorthalonil Metabolit R471811, **Chlorthalonil Metabolit SYN507900 für Probe H116B.

Bei allen anderen Parametern erfolgte 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 Teilnehmenden (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)

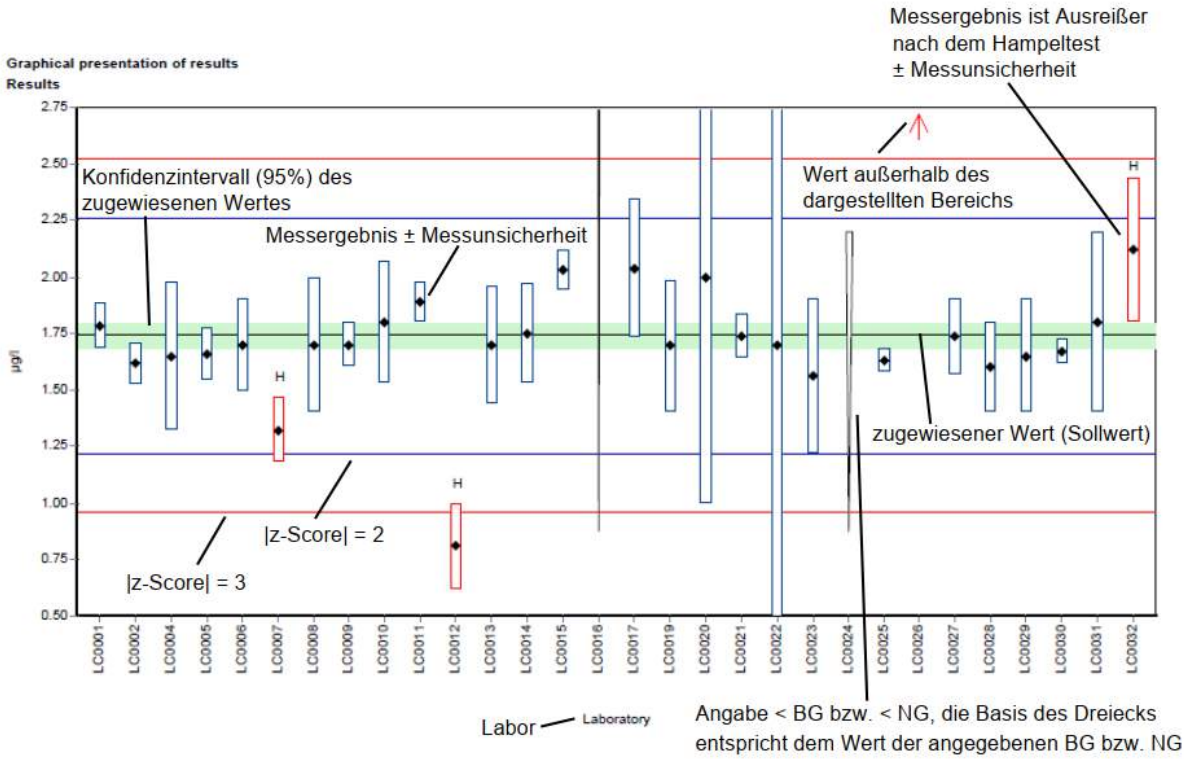
Kriterium [%]	Vorgabewert zur Ermittlung des z-Scores in % des zugewiesenen Wertes (angegeben auf 2 signifikante Stellen)
Mittelwert	Ausreißerbereinigter Mittelwert über die Ergebnisse der Teilnehmenden (angegeben auf 3 signifikante Stellen)
VB (99%)	99 % Vertrauensbereich (angegeben auf 3 signifikante Stellen)
Minimum	Minimales abgegebenes Messergebnis, ausreißerbereinigt (angegeben auf 3 signifikante Stellen)
Maximum	Maximales abgegebenes Messergebnis, ausreißer-bereinigt (angegeben auf 3 signifikante Stellen)
sR	Vergleichsstandardabweichung, berechnet aus den ausreißerbereinigten Ergebnissen der Teilnehmenden des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
vR	relative Vergleichsstandardabweichung in %, berechnet aus den ausreißerbereinigten Ergebnissen der Teilnehmenden des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 2 signifikante Stellen)
Kontrollwert ± U (k=2)	Mittelwert der Kontrollmessungen des Veranstalters ± erweiterte Ergebnisunsicherheit des Kontrollwertes (jeweils angegeben auf 3 signifikante Stellen)
Laborcode	anonymisierte, eindeutige Kennung des teilnehmenden Labors im jeweiligen Ringversuch
Messwert	einzelne(r) Messwert(e) lt. Angabe der Teilnehmenden (maximal 5 Nachkommastellen dargestellt)
Messergebnis	Für die Bewertung herangezogenes Ergebnis lt. Angabe der Teilnehmenden (maximal 5 Nachkommastellen dargestellt). Bei Eignungsprüfungsrunden mit Vorgabe von unabhängigen Mehrfachbestimmungen, entspricht dies dem berechneten Mittelwert aus den einzelnen Messwerten der Teilnehmenden.
± U	kombinierte Messunsicherheit ohne Erweiterungsfaktor (k=1) lt. Angabe der Teilnehmenden (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 Teilnehmenden (angegeben auf 3 signifikante Stellen, dargestellt maximal 2 Nachkommastellen). Beim E_n-Score erfolgt die Berücksichtigung der Messunsicherheit der Teilnehmenden.
-	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 Bestimmungs- bzw. Nachweisgrenze 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 Ergebnissen der Teilnehmenden des aktuellen Ringversuchs (angegeben auf 3 signifikante Stellen)
rel. Standardabweichung	relative Vergleichsstandardabweichung in %, berechnet aus den Ergebnissen der Teilnehmenden des aktuellen Ringversuchs bezogen auf den Mittelwert (angegeben auf 3 signifikante Stellen)
n	Anzahl der Messergebnisse
*	Kennzeichnung für Hinweise zur Erläuterung
**	Kennzeichnung für Parameter außerhalb der Akkreditierung gemäß EN ISO/IEC 17043

D5.2. Graphische Darstellung der Ergebnisse

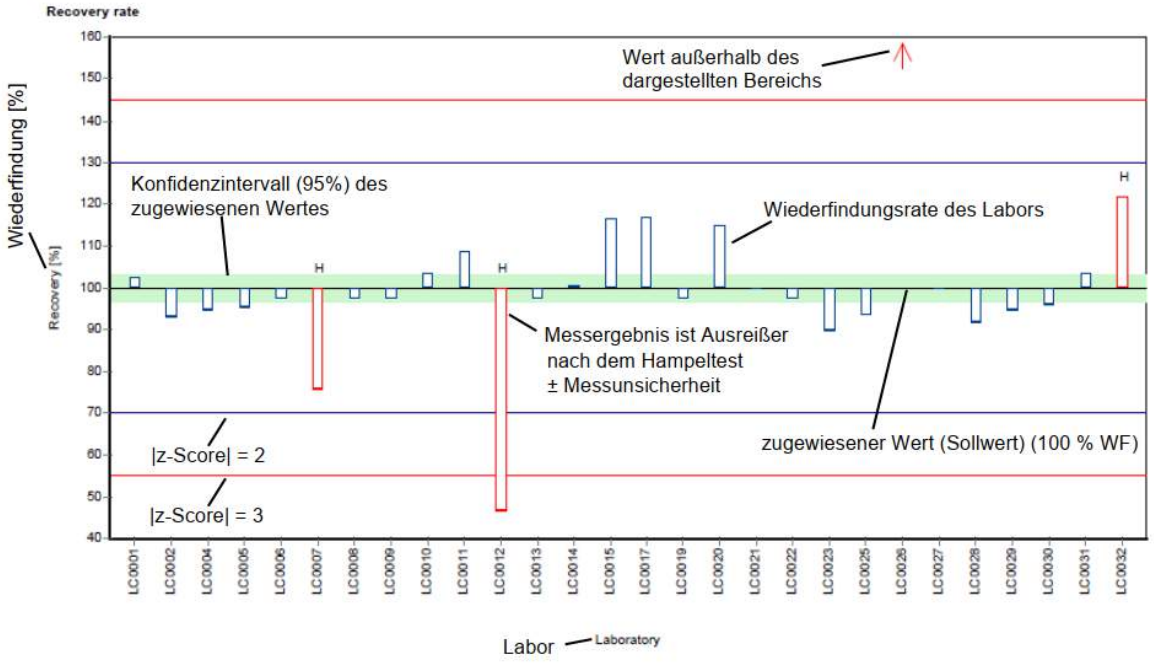
Nachfolgend wird die graphische Darstellung anhand von kommentierten Beispieldiagrammen erläutert.

Beispieldiagramm: Messwerte



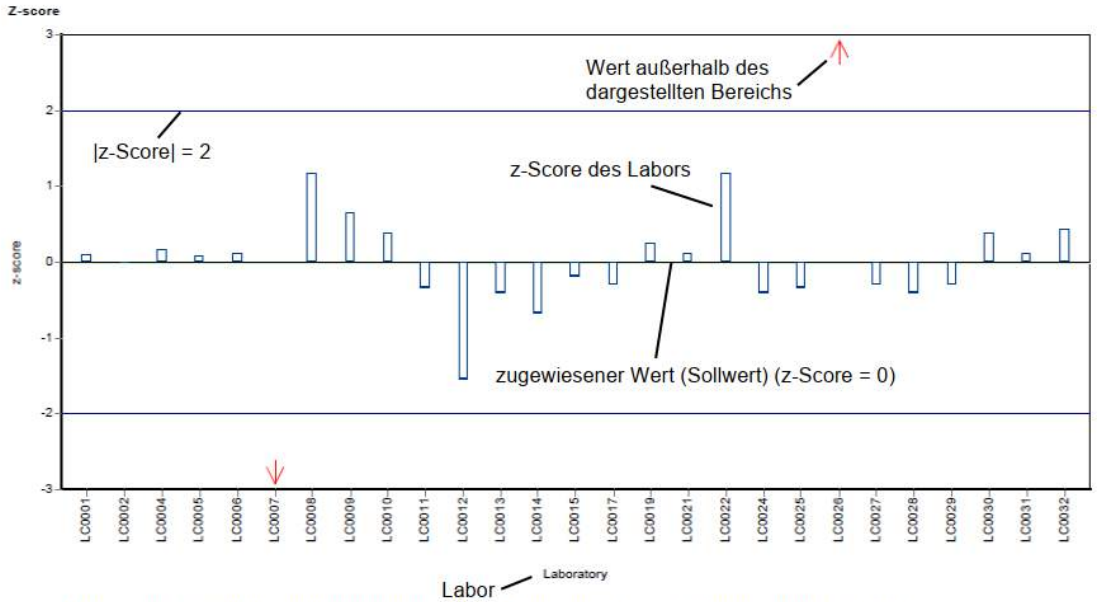
Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: Wiederfindung zum zugewiesenen Wert



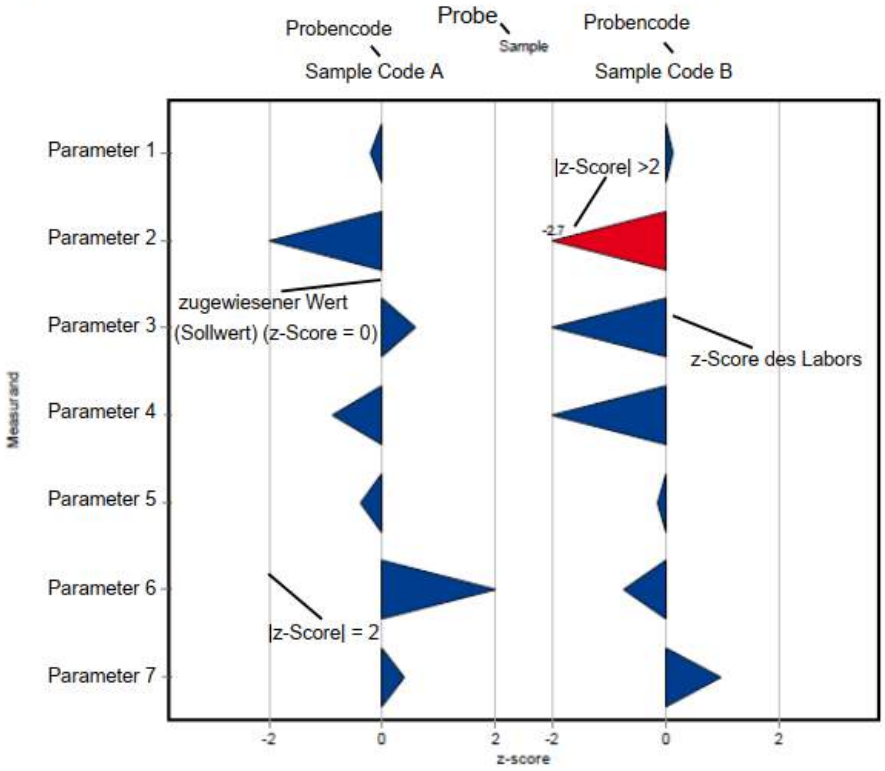
Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: z-Score

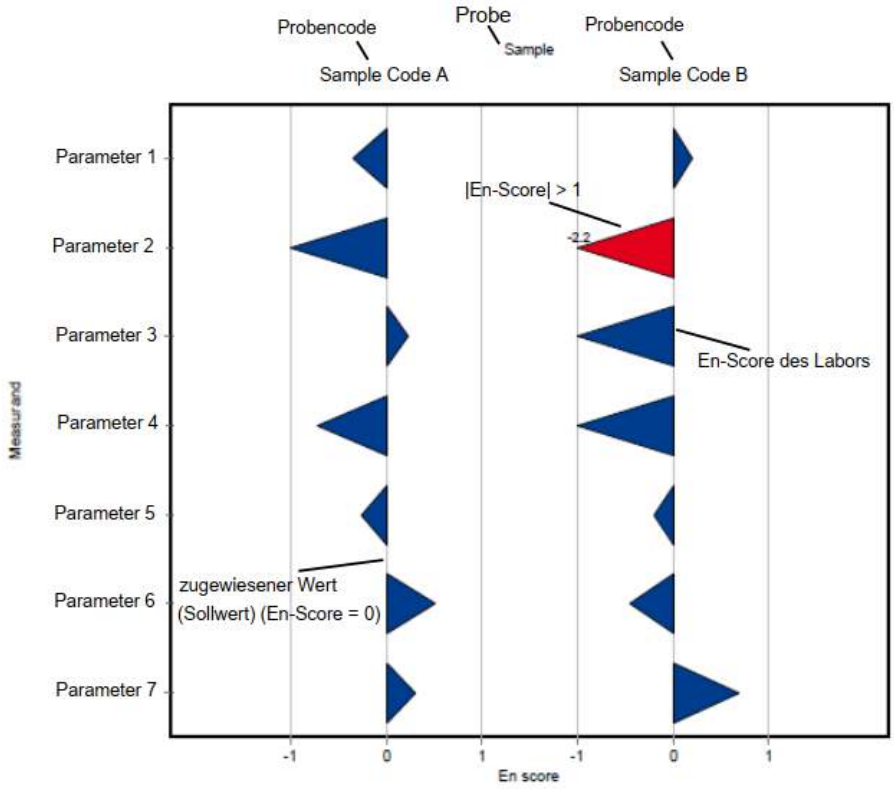


Unterschiedliche Analysenmethoden werden mit unterschiedlichen Farben kenntlich gemacht.

Beispieldiagramm: z-Score (laborientierte Auswertung)



Beispieldiagramm: En-Score (laborientierte Auswertung)



D6. Zusammenfassung

D6.1. Tabelle der zugewiesenen Werte

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
2,4,5-Trichlorphenoxyessigsäure	H116 A	µg/l	0.255	±	0.0149	0.0458	18
	H116 B	µg/l	0.635	±	0.0499	0.114	18
2,4-D (2,4-Dichlorphenoxyessigsäure)	H116 A	µg/l	0.231	±	0.00911	0.0324	14
	H116 B	µg/l	0.761	±	0.0295	0.107	14
Alachlor	H116 A	µg/l	0.17	±	0.0095	0.0203	12
	H116 B	µg/l	0.405	±	0.0158	0.0487	12
Alachlor-Säure (Alachlor-OA)	H116 A	µg/l	0.204	±	0.0116	0.0306	15
	H116 B	µg/l	0.544	±	0.106	0.152	28
Alachlor-Sulfonsäure (Alachlor-ESA)	H116 A	µg/l	0.228	±	0.0239	0.0296	13
	H116 B	µg/l	0.565	±	0.0979	0.153	27
Ampa	H116 A	µg/l	0.132	±	0.00728	0.0171	13
	H116 B	µg/l	0.621	±	0.0318	0.0808	13
Bentazon	H116 A	µg/l	0.24	±	0.00899	0.0361	15
	H116 B	µg/l	0.551	±	0.0202	0.0826	15
Chlorthalonil-4-hydroxy**	H116 A	µg/l	0.33	±	0.0162	0.033	10
	H116 B	µg/l	0.911	±	0.033	0.0911	10
Chlorthalonil Metabolit R471811**	H116 A	µg/l	0.648	±	0.0384	0.0648	10
	H116 B	µg/l	0.505	±	0.043	0.0757	15
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)**	H116 A	µg/l	0.195	±	0.0248	0.0371	19
	H116 B	µg/l	0.5	±	0.0107	0.05	10
Chlorthalonil Metabolit R611968 ***	H116 A	µg/l	-	±	-	-	-
	H116 B	µg/l	-	±	-	-	-
Chlorthalonil Metabolit SYN507900**	H116 A	µg/l	0.243	±	0.0216	0.0316	13
	H116 B	µg/l	0.687	±	0.0529	0.0755	11
Chlorthalonil Metabolit SYN548580***	H116 A	µg/l	-	±	-	-	-
	H116 B	µg/l	-	±	-	-	-
Chlorthalonil Metabolit SYN548581***	H116 A	µg/l	-	±	-	-	-
	H116 B	µg/l	-	±	-	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)**	H116 A	µg/l	0.411	±	0.0293	0.0493	12
	H116 B	µg/l	0.611	±	0.0328	0.0611	10
Dicamba	H116 A	µg/l	0.286	±	0.0238	0.0573	20
	H116 B	µg/l	0.626	±	0.0445	0.125	20
Dichlorprop	H116 A	µg/l	0.154	±	0.0034	0.0185	12
	H116 B	µg/l	0.502	±	0.0113	0.0602	12
Dimethachlor Metabolit - CGA 369873**	H116 A	µg/l	0.514	±	0.0326	0.0565	11
	H116 B	µg/l	0.507	±	0.0451	0.0811	16
Glufosinat	H116 A	µg/l	0.128	±	0.0187	0.0436	34

Parameter	Probe	Einheit	zugewiesener Wert	±	U (k=2)	Kriterium	Kriterium [%]
Glufosinat	H116 B	µg/l	0.254	±	0.0247	0.0865	34
Glyphosat	H116 A	µg/l	0.191	±	0.0114	0.0382	20
	H116 B	µg/l	0.528	±	0.0292	0.106	20
MCPP (Mecoprop)	H116 A	µg/l	0.213	±	0.00762	0.0277	13
	H116 B	µg/l	0.586	±	0.0191	0.0761	13
Metazachlor	H116 A	µg/l	0.122	±	0.00493	0.0146	12
	H116 B	µg/l	0.588	±	0.0262	0.0705	12
Metazachlor-Sulfonsäure (Metazachlor ESA)	H116 A	µg/l	0.179	±	0.00711	0.0341	19
	H116 B	µg/l	0.432	±	0.0284	0.082	19
Metazachlor-Säure (Metazachlor OA)	H116 A	µg/l	0.271	±	0.0175	0.0569	21
	H116 B	µg/l	0.71	±	0.0538	0.149	21
Metolachlor	H116 A	µg/l	0.226	±	0.00884	0.0339	15
	H116 B	µg/l	0.772	±	0.0234	0.116	15
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	H116 A	µg/l	0.227	±	0.00949	0.0453	20
	H116 B	µg/l	0.547	±	0.0288	0.109	20
s-Metolachlor-Säure (Metolachlor OA)	H116 A	µg/l	0.136	±	0.00552	0.0191	14
	H116 B	µg/l	0.596	±	0.018	0.0835	14

* Für nachfolgende Substanzen sind zur Information die berechneten Mittelwerte MW+/- U(k=2) über die Daten der akkreditierten Labore (n) angeführt.

Diese können zum Vergleich im Rahmen Ihrer QS-Maßnahmen herangezogen werden.

Chlorthalonil Metabolit R611968:
H116 A: (n=5) 0.183 +/- 0.0170 µg/l U(k=2)
H116 B: (n=5) 0.510 +/- 0.0425 µg/l U(k=2)

Chlorthalonil Metabolit SYN548580:
H116 A: (n=2) 0.291 +/- 0.0462 µg/l U(k=2)
H116 B: (n=2) 0.505 +/- 0.0819 µg/l U(k=2)

Chlorthalonil Metabolit SYN548581:
H116 A: (n=4) 0.187 +/- 0.00803 µg/l U(k=2)
H116 B: (n=5) 0.570 +/- 0.0859 µg/l U(k=2)

** Die Bewertung der Chlorthalonil-Metaboliten dient nur als informativer Wert, da für diese Parameter keine Akkreditierung vorliegt.

D6.2. Zusammenfassung der ausreißerbereinigten Ringversuchsergebnisse

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR [%]
2,4,5-Trichlorphenoxyessigsäure	H116 A	12	1	µg/l	0.255	±	0.0224	0.212	0.3	0.0259	10
	H116 B	12	1	µg/l	0.635	±	0.0749	0.427	0.755	0.0865	14
2,4-D (2,4-Dichlorphenoxyessigsäure)	H116 A	19	2	µg/l	0.231	±	0.0137	0.19	0.278	0.0199	8.6
	H116 B	20	1	µg/l	0.761	±	0.0443	0.612	0.884	0.0661	8.7
Alachlor	H116 A	13	1	µg/l	0.17	±	0.0143	0.134	0.202	0.0171	10
	H116 B	13	1	µg/l	0.405	±	0.0237	0.362	0.439	0.0285	7
Alachlor-Säure (Alachlor-OA)	H116 A	6	2	µg/l	0.204	±	0.0174	0.185	0.225	0.0142	7
	H116 B	8	0	µg/l	0.544	±	0.159	0.253	0.698	0.15	28
Alachlor-Sulfonsäure (Alachlor-ESA)	H116 A	9	1	µg/l	0.228	±	0.0359	0.19	0.304	0.0359	16
	H116 B	10	0	µg/l	0.565	±	0.147	0.236	0.78	0.155	27
Ampa	H116 A	12	2	µg/l	0.132	±	0.0109	0.11	0.16	0.0126	9.6
	H116 B	13	2	µg/l	0.621	±	0.0477	0.513	0.72	0.0574	9.2
Bentazon	H116 A	22	2	µg/l	0.24	±	0.0135	0.203	0.277	0.0211	8.8
	H116 B	23	1	µg/l	0.551	±	0.0303	0.441	0.638	0.0484	8.8
Chlorthalonil-4-hydroxy	H116 A	7	0	µg/l	0.33	±	0.0244	0.31	0.372	0.0215	6.5
	H116 B	7	0	µg/l	0.911	±	0.0495	0.85	0.983	0.0436	4.8
Chlorthalonil Metabolit R471811	H116 A	10	1	µg/l	0.648	±	0.0575	0.546	0.731	0.0606	9.4
	H116 B	12	0	µg/l	0.505	±	0.0645	0.356	0.63	0.0744	15
Chlorthalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorbenzoesäure)	H116 A	9	0	µg/l	0.195	±	0.0372	0.108	0.229	0.0372	19
	H116 B	6	3	µg/l	0.5	±	0.016	0.478	0.515	0.0131	2.6
Chlorthalonil Metabolit R611968	H116 A	5	0	µg/l	-	±	-	0.167	0.214	-	-
	H116 B	5	0	µg/l	-	±	-	0.46	0.566	-	-
Chlorthalonil Metabolit SYN507900	H116 A	8	0	µg/l	0.243	±	0.0324	0.21	0.289	0.0306	13
	H116 B	8	0	µg/l	0.687	±	0.0794	0.566	0.772	0.0748	11
Chlorthalonil Metabolit SYN548580	H116 A	2	0	µg/l	-	±	-	0.268	0.314	-	-
	H116 B	2	0	µg/l	-	±	-	0.464	0.546	-	-

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	±	VB (99%)	Minimum	Maximum	sR	vR [%]
Chlorthalonil Metabolit SYN548581	H116 A	4	1	µg/l	-	±	-	0.18	0.199	-	-
	H116 B	5	0	µg/l	-	±	-	0.46	0.717	-	-
Chlorthalonil Sulfonsäure (Chlorthalonil-ESA)	H116 A	11	1	µg/l	0.411	±	0.044	0.351	0.504	0.0486	12
	H116 B	10	2	µg/l	0.611	±	0.0492	0.553	0.705	0.0519	8.5
Dicamba	H116 A	12	0	µg/l	0.286	±	0.0356	0.219	0.36	0.0412	14
	H116 B	10	2	µg/l	0.626	±	0.0667	0.52	0.79	0.0703	11
Dichlorprop	H116 A	16	4	µg/l	0.154	±	0.0051	0.141	0.168	0.0068	4.4
	H116 B	16	4	µg/l	0.502	±	0.017	0.445	0.544	0.0226	4.5
Dimethachlor Metabolit - CGA 369873	H116 A	13	0	µg/l	0.514	±	0.049	0.414	0.596	0.0589	11
	H116 B	13	0	µg/l	0.507	±	0.0676	0.382	0.665	0.0813	16
Glufosinat	H116 A	9	0	µg/l	0.128	±	0.0281	0.0823	0.168	0.0281	22
	H116 B	7	2	µg/l	0.254	±	0.037	0.229	0.324	0.0326	13
Glyphosat	H116 A	13	2	µg/l	0.191	±	0.0171	0.16	0.236	0.0205	11
	H116 B	14	1	µg/l	0.528	±	0.0438	0.447	0.647	0.0546	10
MCPP (Mecoprop)	H116 A	22	0	µg/l	0.213	±	0.0114	0.175	0.238	0.0179	8.4
	H116 B	20	3	µg/l	0.586	±	0.0286	0.495	0.678	0.0426	7.3
Metazachlor	H116 A	22	3	µg/l	0.122	±	0.00646	0.099	0.142	0.0101	8.3
	H116 B	23	2	µg/l	0.583	±	0.0336	0.513	0.704	0.0537	9.2
Metazachlor-Sulfonsäure (Metazachlor ESA)	H116 A	17	3	µg/l	0.179	±	0.0107	0.146	0.204	0.0147	8.2
	H116 B	20	0	µg/l	0.432	±	0.0425	0.306	0.552	0.0634	15
Metazachlor-Säure (Metazachlor OA)	H116 A	19	1	µg/l	0.271	±	0.0263	0.18	0.335	0.0382	14
	H116 B	20	0	µg/l	0.71	±	0.0807	0.422	0.94	0.12	17
Metolachlor	H116 A	22	2	µg/l	0.226	±	0.0133	0.177	0.262	0.0207	9.2
	H116 B	23	1	µg/l	0.772	±	0.0351	0.675	0.911	0.0561	7.3
s-Metolachlor-Sulfonsäure (Metolachlor-ESA)	H116 A	20	1	µg/l	0.227	±	0.0142	0.18	0.258	0.0212	9.4
	H116 B	19	2	µg/l	0.547	±	0.0432	0.424	0.69	0.0628	11

Parameter	Probe	Anzahl Labors für Berechnung	Anzahl Ausreißer Labors	Einheit	Mittelwert	± VB (99%)	Minimum	Maximum	sR	vR [%]
s-Metolachlor-Säure (Metolachlor OA)	H116 A	18	1	µg/l	0.136	± 0.00828	0.11	0.162	0.0117	8.6
	H116 B	15	4	µg/l	0.596	± 0.027	0.512	0.668	0.0349	5.8

E1. Description of the proficiency test

E1.1. Design and implementation

- Number of registrations: 30
- Number of submitted data records: 29
- Dispatch of samples: June 20th, 2023
- Closing date for submission of data: July 25th, 2023

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 on 15th of June 2023.

The following samples were made available

- 1 sample ground water (H116 A)
- 1 sample surface water (H116 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 20th of June 2023.

Each participant received:

- 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
- 2 samples (each 1000 ml), filled in 1 x 1000 ml plastic bottles (for AMPA, Glufosinate, Glyphosate)

E1.3. Instructions for the participants

For reasons of stability, it was recommended to start the analysis by the 28th of June 2023 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.

All parameters were tested in the testing laboratory at Environment Agency Austria (Prüfstelle für Umwelt-, GVO- & Treibstoffanalytik) close to the time of sample dispatch. The analysis of **Chlorothalonil Metabolites **R611965, **R471811, **R611968, **SYN507900, **SYN548580 and **SYN 548581 was outside the actual accreditation scope according to EN ISO/IEC 17025.

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 ± expanded measurement uncertainty as control test value ± 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 2021.

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 participants 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 could be identified.

According to data obtained from previous rounds 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 25th of July 2023. 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:

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

In this context,

x_i is the measurement value (result) of the participating laboratory;

$\overline{X}$ 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 2021 (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

$\overline{X}$ 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-Score| ≤ 2.0 good result
- 2.0 < |z-Score| < 3.0 questionable result
- |z-Score| ≥ 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-Score| ≤ 1.0 satisfactory performance
- |E_n-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. IE_n-ScoreI > 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 (± 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 (± 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 9 proficiency testing rounds (2013–2021) in real samples, evaluation criteria (RSDpool) were calculated.
These criteria were compared with the relative reproducibility standard deviation (vR) of the current proficiency testing.

****The assessment of chlorothalonil metabolites serves as an informative value, as no accreditation according to EN ISO/IEC 17043 is available for these parameters (marked by **).**

Parameters **Chlorothalonil Metabolite R611968, **Chlorothalonil Metabolite SYN548580, **Chlorothalonil Metabolite SYN548581 for samples H116 A and H116 B:
Assigned values were not calculated because of the small number of submitted valid results. For these parameters, the mean values from the accredited laboratory results were determined for information purposes. We recommend to compare your results with the mean values of accredited laboratories in course of your internal quality assurance measures (QA).

Parameter Metazachlor for samples H116 A and H116 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.

Parameters **Chlorothalonil-4-hydroxy and **Chlorothalonil Metabolite R471811 for sample H116 A and parameters **Chlorothalonil-4-hydroxy, **Chlorothalonil Metabolite R611965 and **Chlorothalonil ESA for sample H116 B:
For these parameters the reproducibility standard deviation (vR) was rounded up and 10 % was chosen for data evaluation.

Parameters Alachlor-ESA, Alachlor OA for sample H116 B:
For both substances the relative reproducibility standard deviations (vR) of the current proficiency testing round were used as criteria for data assessment (27 % for Alachlor-ESA, 28 % for Alachlor-OA).

For the following substances the relative reproducibility standard deviations (vR) of the current proficiency testing round were used as criteria for data evaluation:
**Dimethachlor Metabolite CGA 369873, **Chlorothalonil Metabolite R611965, **Chlorothalonil Metabolite SYN507900 and **Chlorothalonil-ESA for sample H116A and **Dimethachlor Metabolite CGA 369873, **Chlorothalonil Metabolite R471811, **Chlorothalonil Metabolite SYN507900 for sample H116B.

Scores for all other parameters were calculated according to E2.

E5. Annotations on tables and charts

E5.1. Information and abbreviations in tables

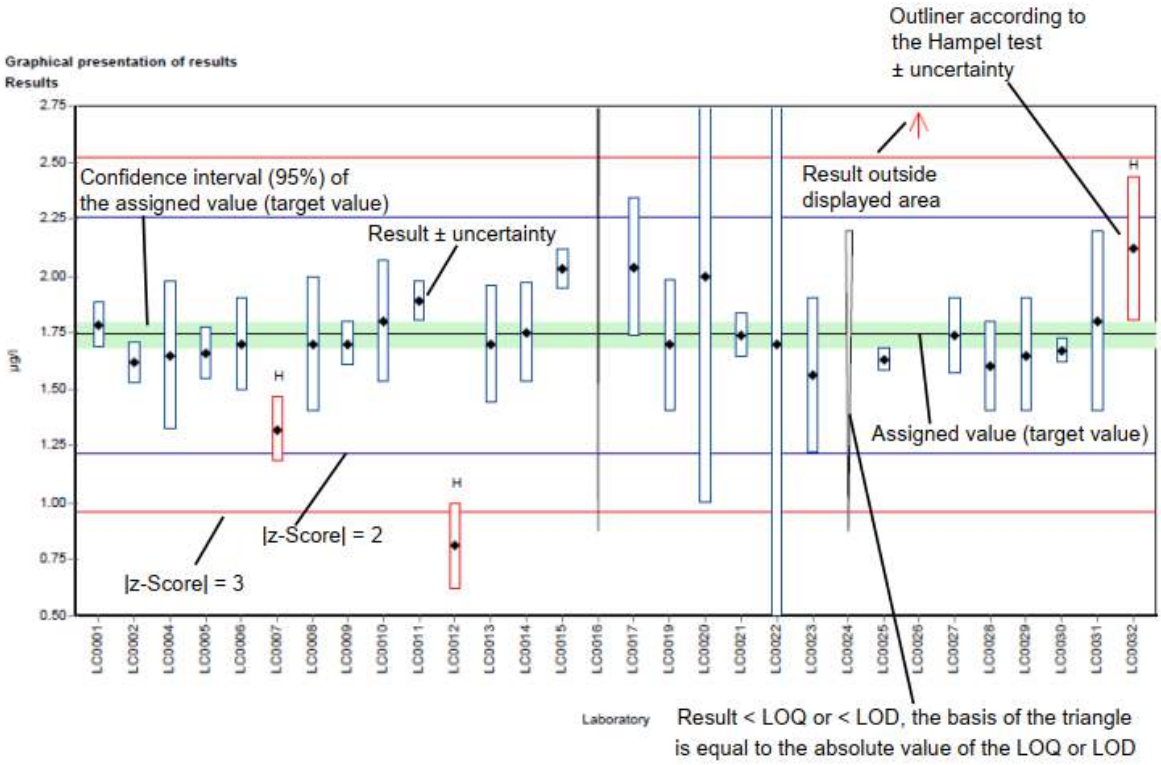
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criteria	Specified 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	Result as indicated by participant (max. 5 decimal places)
± U	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
*	mark for additional comments
**	mark for parameters outside the scope of accreditation according to EN ISO/IEC 17043

E5.2. Graphical presentation of results

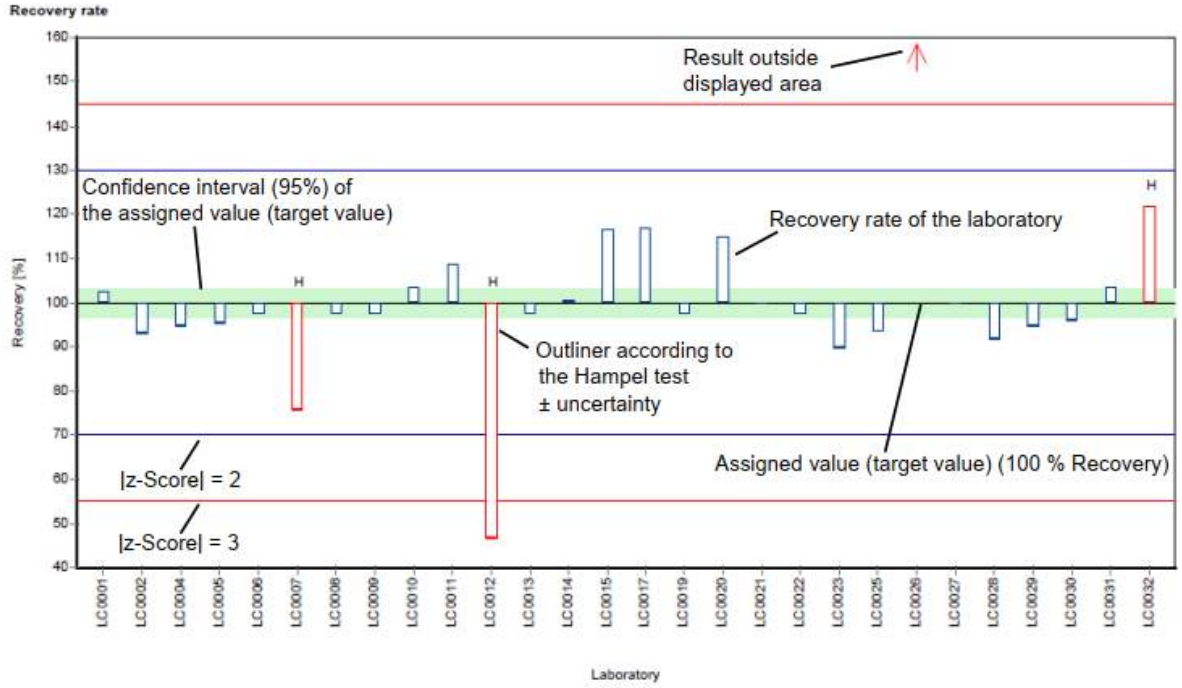
The graphic representation in the report is explained below by means of commented example diagrams:

Example chart: Results



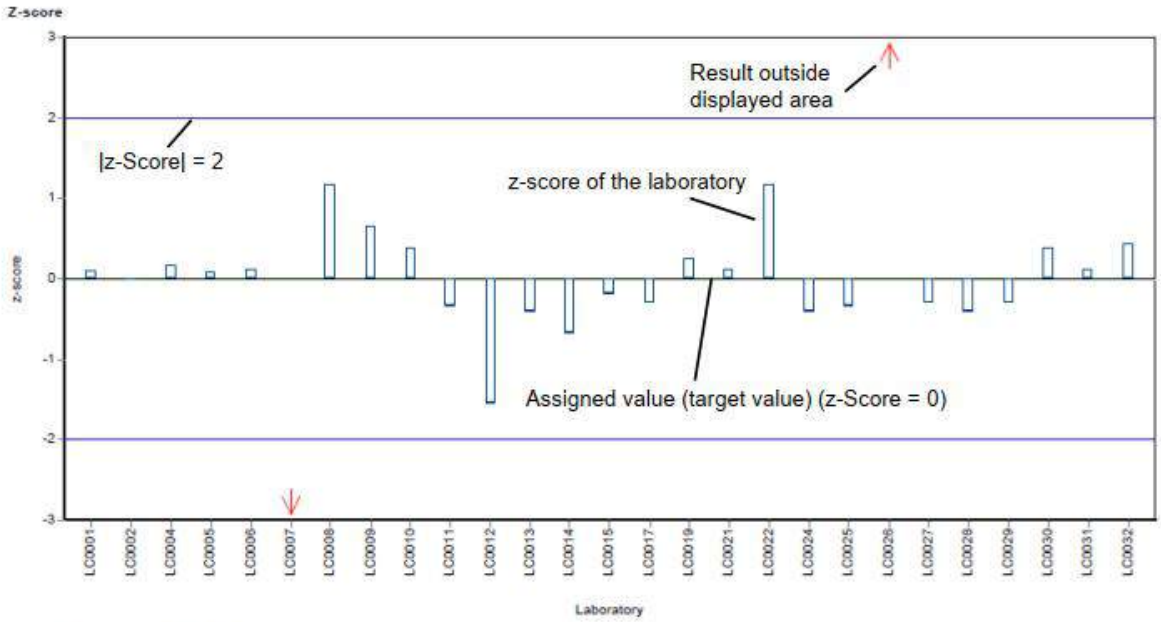
Different analysis methods are represented with different colors.

Example chart: Recovery



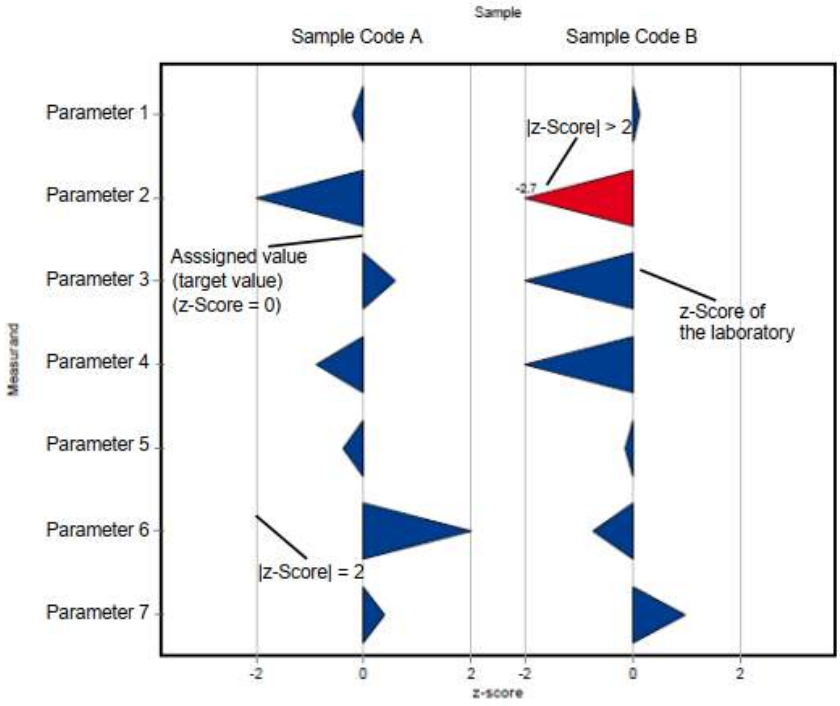
Different analysis methods are represented with different colors.

Example chart: z-Score

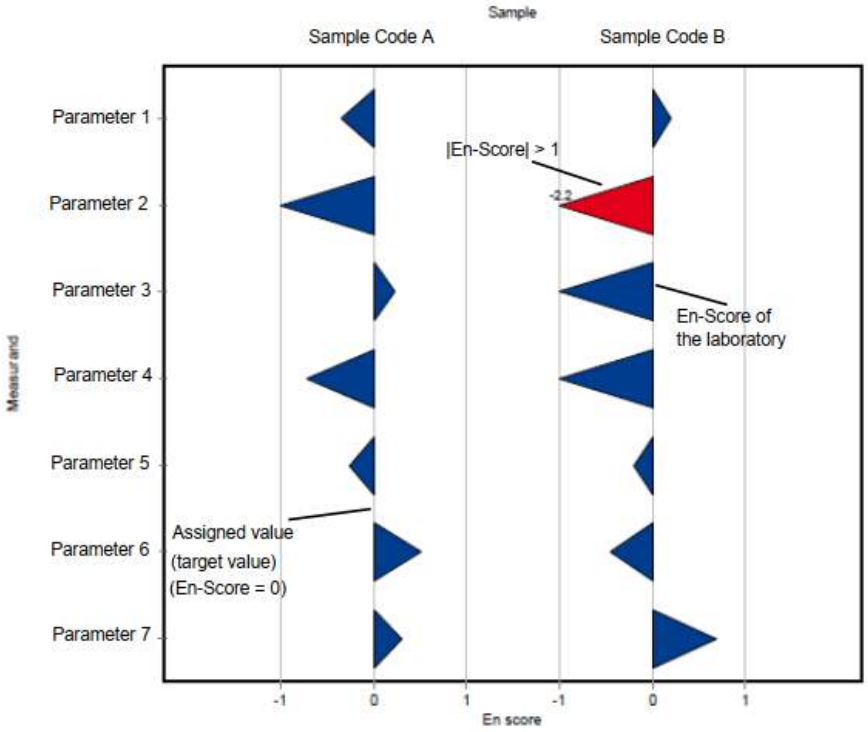


Different analysis methods are represented with different colors.

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 [%]
2,4,5-Trichlorophenoxyacetic acid	H116 A	µg/l	0.255	±	0.0149	0.0458	18
	H116 B	µg/l	0.635	±	0.0499	0.114	18
2,4-D (2,4-Dichlorphenoxyaceticacid)	H116 A	µg/l	0.231	±	0.00911	0.0324	14
	H116 B	µg/l	0.761	±	0.0295	0.107	14
Alachlor	H116 A	µg/l	0.17	±	0.0095	0.0203	12
	H116 B	µg/l	0.405	±	0.0158	0.0487	12
Alachlor-t-acid (Alachlor-OA)	H116 A	µg/l	0.204	±	0.0116	0.0306	15
	H116 B	µg/l	0.544	±	0.106	0.152	28
Alachlor-t-sulfonic acid (Alachlor-ESA)	H116 A	µg/l	0.228	±	0.0239	0.0296	13
	H116 B	µg/l	0.565	±	0.0979	0.153	27
AMPA	H116 A	µg/l	0.132	±	0.00728	0.0171	13
	H116 B	µg/l	0.621	±	0.0318	0.0808	13
Bentazone	H116 A	µg/l	0.24	±	0.00899	0.0361	15
	H116 B	µg/l	0.551	±	0.0202	0.0826	15
Chlorothalonil-4-hydroxy **	H116 A	µg/l	0.33	±	0.0162	0.033	10
	H116 B	µg/l	0.911	±	0.033	0.0911	10
Chlorothalonil Metabolite R471811**	H116 A	µg/l	0.648	±	0.0384	0.0648	10
	H116 B	µg/l	0.505	±	0.043	0.0757	15
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)**	H116 A	µg/l	0.195	±	0.0248	0.0371	19
	H116 B	µg/l	0.5	±	0.0107	0.05	10
Chlorothalonil Metabolite R611968 ***	H116 A	µg/l	-	±	-	-	-
	H116 B	µg/l	-	±	-	-	-
Chlorothalonil Metabolite SYN507900 **	H116 A	µg/l	0.243	±	0.0216	0.0316	13
	H116 B	µg/l	0.687	±	0.0529	0.0755	11
Chlorothalonil Metabolite SYN548580 ***	H116 A	µg/l	-	±	-	-	-
	H116 B	µg/l	-	±	-	-	-
Chlorothalonil Metabolite SYN548581 ***	H116 A	µg/l	-	±	-	-	-
	H116 B	µg/l	-	±	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)**	H116 A	µg/l	0.411	±	0.0293	0.0493	12
	H116 B	µg/l	0.611	±	0.0328	0.0611	10
Dicamba	H116 A	µg/l	0.286	±	0.0238	0.0573	20
	H116 B	µg/l	0.626	±	0.0445	0.125	20
Dichlorprop	H116 A	µg/l	0.154	±	0.0034	0.0185	12
	H116 B	µg/l	0.502	±	0.0113	0.0602	12

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Dimethachlor Metabolite - CGA 369873 **	H116 A	µg/l	0.514	±	0.0326	0.0565	11
	H116 B	µg/l	0.507	±	0.0451	0.0811	16
Glufosinate	H116 A	µg/l	0.128	±	0.0187	0.0436	34
	H116 B	µg/l	0.254	±	0.0247	0.0865	34
Glyphosate	H116 A	µg/l	0.191	±	0.0114	0.0382	20
	H116 B	µg/l	0.528	±	0.0292	0.106	20
MCPP (Mecoprop)	H116 A	µg/l	0.213	±	0.00762	0.0277	13
	H116 B	µg/l	0.586	±	0.0191	0.0761	13
Metazachlor	H116 A	µg/l	0.122	±	0.00493	0.0146	12
	H116 B	µg/l	0.588	±	0.0262	0.0705	12
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	H116 A	µg/l	0.179	±	0.00711	0.0341	19
	H116 B	µg/l	0.432	±	0.0284	0.082	19
Metazachlor oxanilic acid (Metazachlor-OA)	H116 A	µg/l	0.271	±	0.0175	0.0569	21
	H116 B	µg/l	0.71	±	0.0538	0.149	21
Metolachlor	H116 A	µg/l	0.226	±	0.00884	0.0339	15
	H116 B	µg/l	0.772	±	0.0234	0.116	15
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	H116 A	µg/l	0.227	±	0.00949	0.0453	20
	H116 B	µg/l	0.547	±	0.0288	0.109	20
s-Metolachlor oxanilic acid (Metolachlor-OA)	H116 A	µg/l	0.136	±	0.00552	0.0191	14
	H116 B	µg/l	0.596	±	0.018	0.0835	14

* For the following substances, the calculated mean values MV+/- U(k=2) based on the data of the accredited laboratories (n) are listed for information.

These can be used for comparison as part of your internal QA measures:

Chlorothalonil Metabolite R611968:
H116 A: (n=5) 0.183 +/- 0.0170 µg/l U(k=2)
H116 B: (n=5) 0.510 +/- 0.0425 µg/l U(k=2)

Chlorothalonil Metabolite SYN548580:
H116 A: (n=2) 0.291 +/- 0.0462 µg/l U(k=2)
H116 B: (n=2) 0.505 +/- 0.0819 µg/l U(k=2)

Chlorothalonil Metabolite SYN548581:
H116 A: (n=4) 0.187 +/- 0.00803 µg/l U(k=2)
H116 B: (n=5) 0.570 +/- 0.0859 µg/l U(k=2)

** The assessment of the Chlorothalonil metabolites serves only as an informative value, as there is no accreditation for these parameters.

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 [%]
2,4,5-Trichlorophenoxyacetic acid	H116 A	12	1	µg/l	0.255	± 0.0224	0.212	0.3	0.0259	10
	H116 B	12	1	µg/l	0.635	± 0.0749	0.427	0.755	0.0865	14
2,4-D (2,4-Dichlorphenoxyaceticacid)	H116 A	19	2	µg/l	0.231	± 0.0137	0.19	0.278	0.0199	8.6
	H116 B	20	1	µg/l	0.761	± 0.0443	0.612	0.884	0.0661	8.7
Alachlor	H116 A	13	1	µg/l	0.17	± 0.0143	0.134	0.202	0.0171	10
	H116 B	13	1	µg/l	0.405	± 0.0237	0.362	0.439	0.0285	7
Alachlor-t-acid (Alachlor-OA)	H116 A	6	2	µg/l	0.204	± 0.0174	0.185	0.225	0.0142	7
	H116 B	8	0	µg/l	0.544	± 0.159	0.253	0.698	0.15	28
Alachlor-t-sulfonic acid (Alachlor-ESA)	H116 A	9	1	µg/l	0.228	± 0.0359	0.19	0.304	0.0359	16
	H116 B	10	0	µg/l	0.565	± 0.147	0.236	0.78	0.155	27
AMPA	H116 A	12	2	µg/l	0.132	± 0.0109	0.11	0.16	0.0126	9.6
	H116 B	13	2	µg/l	0.621	± 0.0477	0.513	0.72	0.0574	9.2
Bentazone	H116 A	22	2	µg/l	0.24	± 0.0135	0.203	0.277	0.0211	8.8
	H116 B	23	1	µg/l	0.551	± 0.0303	0.441	0.638	0.0484	8.8
Chlorothalonil-4-hydroxy	H116 A	7	0	µg/l	0.33	± 0.0244	0.31	0.372	0.0215	6.5
	H116 B	7	0	µg/l	0.911	± 0.0495	0.85	0.983	0.0436	4.8
Chlorothalonil Metabolite R471811	H116 A	10	1	µg/l	0.648	± 0.0575	0.546	0.731	0.0606	9.4
	H116 B	12	0	µg/l	0.505	± 0.0645	0.356	0.63	0.0744	15
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	H116 A	9	0	µg/l	0.195	± 0.0372	0.108	0.229	0.0372	19
	H116 B	6	3	µg/l	0.5	± 0.016	0.478	0.515	0.0131	2.6
Chlorothalonil Metabolite R611968	H116 A	5	0	µg/l	-	± -	0.167	0.214	-	-
	H116 B	5	0	µg/l	-	± -	0.46	0.566	-	-
Chlorothalonil Metabolite SYN507900	H116 A	8	0	µg/l	0.243	± 0.0324	0.21	0.289	0.0306	13
	H116 B	8	0	µg/l	0.687	± 0.0794	0.566	0.772	0.0748	11
Chlorothalonil Metabolite SYN548580	H116 A	2	0	µg/l	-	± -	0.268	0.314	-	-
	H116 B	2	0	µg/l	-	± -	0.464	0.546	-	-
Chlorothalonil Metabolite SYN548581	H116 A	4	1	µg/l	-	± -	0.18	0.199	-	-

Parameter	Sample	Number of results for calculation	Number of outliers	Unit	Mean	± CI (99%)	Minimum	Maximum	sR	vR [%]
Chlorothalonil Metabolite SYN548581	H116 B	5	0	µg/l	-	± -	0.46	0.717	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	H116 A	11	1	µg/l	0.411	± 0.044	0.351	0.504	0.0486	12
	H116 B	10	2	µg/l	0.611	± 0.0492	0.553	0.705	0.0519	8.5
Dicamba	H116 A	12	0	µg/l	0.286	± 0.0356	0.219	0.36	0.0412	14
	H116 B	10	2	µg/l	0.626	± 0.0667	0.52	0.79	0.0703	11
Dichlorprop	H116 A	16	4	µg/l	0.154	± 0.0051	0.141	0.168	0.0068	4.4
	H116 B	16	4	µg/l	0.502	± 0.017	0.445	0.544	0.0226	4.5
Dimethachlor Metabolite - CGA 369873	H116 A	13	0	µg/l	0.514	± 0.049	0.414	0.596	0.0589	11
	H116 B	13	0	µg/l	0.507	± 0.0676	0.382	0.665	0.0813	16
Glufosinate	H116 A	9	0	µg/l	0.128	± 0.0281	0.0823	0.168	0.0281	22
	H116 B	7	2	µg/l	0.254	± 0.037	0.229	0.324	0.0326	13
Glyphosate	H116 A	13	2	µg/l	0.191	± 0.0171	0.16	0.236	0.0205	11
	H116 B	14	1	µg/l	0.528	± 0.0438	0.447	0.647	0.0546	10
MCPP (Mecoprop)	H116 A	22	0	µg/l	0.213	± 0.0114	0.175	0.238	0.0179	8.4
	H116 B	20	3	µg/l	0.586	± 0.0286	0.495	0.678	0.0426	7.3
Metazachlor	H116 A	22	3	µg/l	0.122	± 0.00646	0.099	0.142	0.0101	8.3
	H116 B	23	2	µg/l	0.583	± 0.0336	0.513	0.704	0.0537	9.2
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	H116 A	17	3	µg/l	0.179	± 0.0107	0.146	0.204	0.0147	8.2
	H116 B	20	0	µg/l	0.432	± 0.0425	0.306	0.552	0.0634	15
Metazachlor oxanilic acid (Metazachlor-OA)	H116 A	19	1	µg/l	0.271	± 0.0263	0.18	0.335	0.0382	14
	H116 B	20	0	µg/l	0.71	± 0.0807	0.422	0.94	0.12	17
Metolachlor	H116 A	22	2	µg/l	0.226	± 0.0133	0.177	0.262	0.0207	9.2
	H116 B	23	1	µg/l	0.772	± 0.0351	0.675	0.911	0.0561	7.3
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	H116 A	20	1	µg/l	0.227	± 0.0142	0.18	0.258	0.0212	9.4
	H116 B	19	2	µg/l	0.547	± 0.0432	0.424	0.69	0.0628	11
s-Metolachlor oxanilic acid (Metolachlor-OA)	H116 A	18	1	µg/l	0.136	± 0.00828	0.11	0.162	0.0117	8.6
	H116 B	15	4	µg/l	0.596	± 0.027	0.512	0.668	0.0349	5.8

E7. Parameterorientierte Auswertung / Parameter oriented report

Parameter oriented report

H116 A

2,4,5-Trichlorophenoxyacetic acid

Unit	µg/l
Assigned value ± U (k=2)	0.255 ± 0.0149
Criterion	0.0458 (18 %)
Minimum - Maximum	0.212 - 0.3
Control test value ± U (k=2)	0.318 ± 0.127

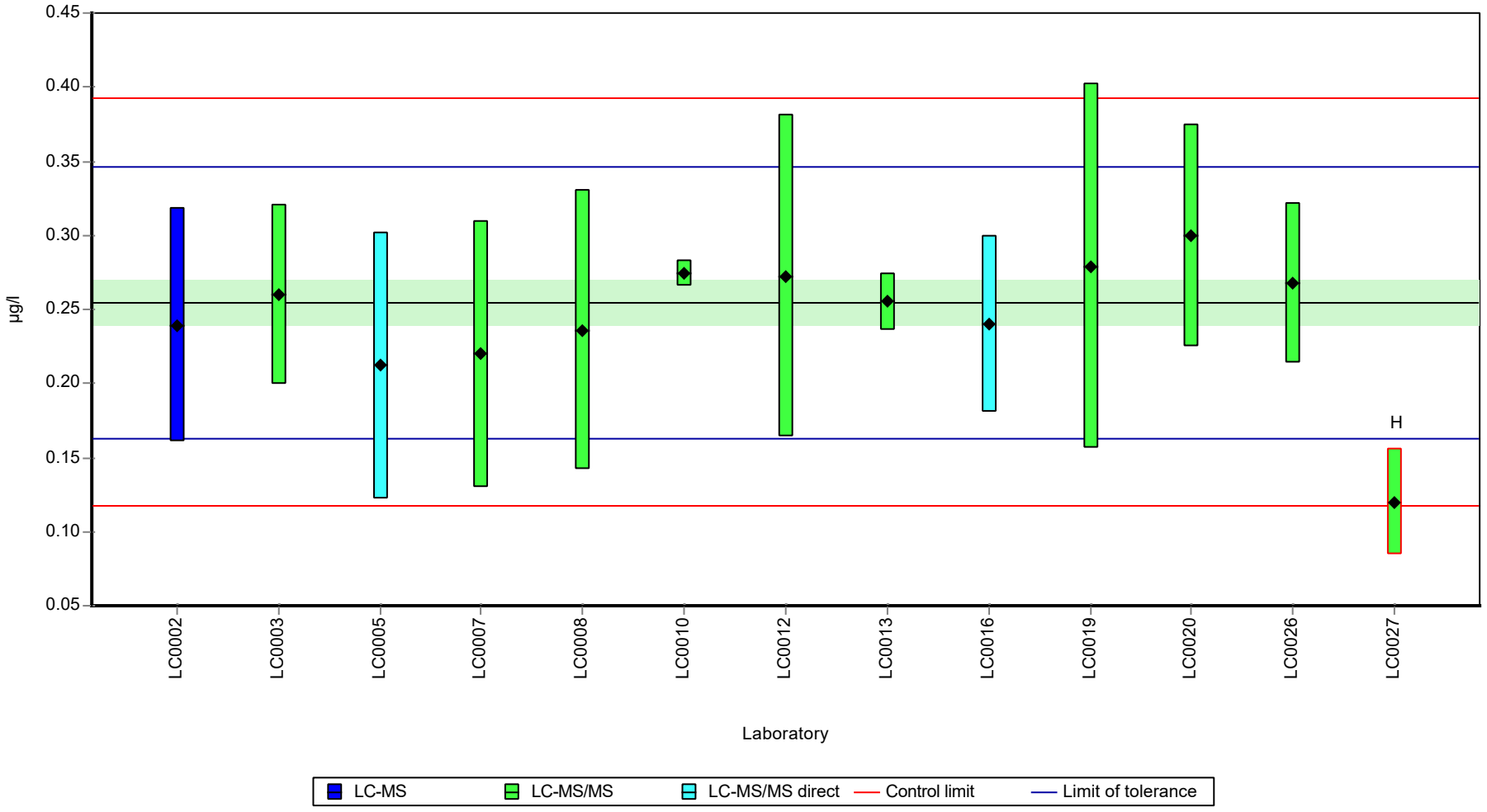
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.239	0.079	93.9	-0.34	
LC0003	0.26	0.061	102	0.12	
LC0004	-	-	-	-	
LC0005	0.212	0.09	83.3	-0.93	
LC0006	-	-	-	-	
LC0007	0.22	0.09	86.4	-0.76	
LC0008	0.236	0.0944	92.7	-0.41	
LC0009	-	-	-	-	
LC0010	0.274	0.009	108	0.42	
LC0011	-	-	-	-	
LC0012	0.2724	0.109	107	0.39	
LC0013	0.255	0.019	100	0.01	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.24	0.06	94.3	-0.32	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.279	0.123	110	0.53	
LC0020	0.3	0.075	118	0.99	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.268	0.054	105	0.29	
LC0027	0.12	0.036	47.1	-2.94	H
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.244 ± 0.0373	0.255 ± 0.0224	µg/l
Minimum	0.12	0.212	µg/l
Maximum	0.3	0.3	µg/l
Standard deviation	0.0448	0.0259	µg/l
rel. standard deviation	18.3	10.2	%
n	13	12	-

Graphical presentation of results

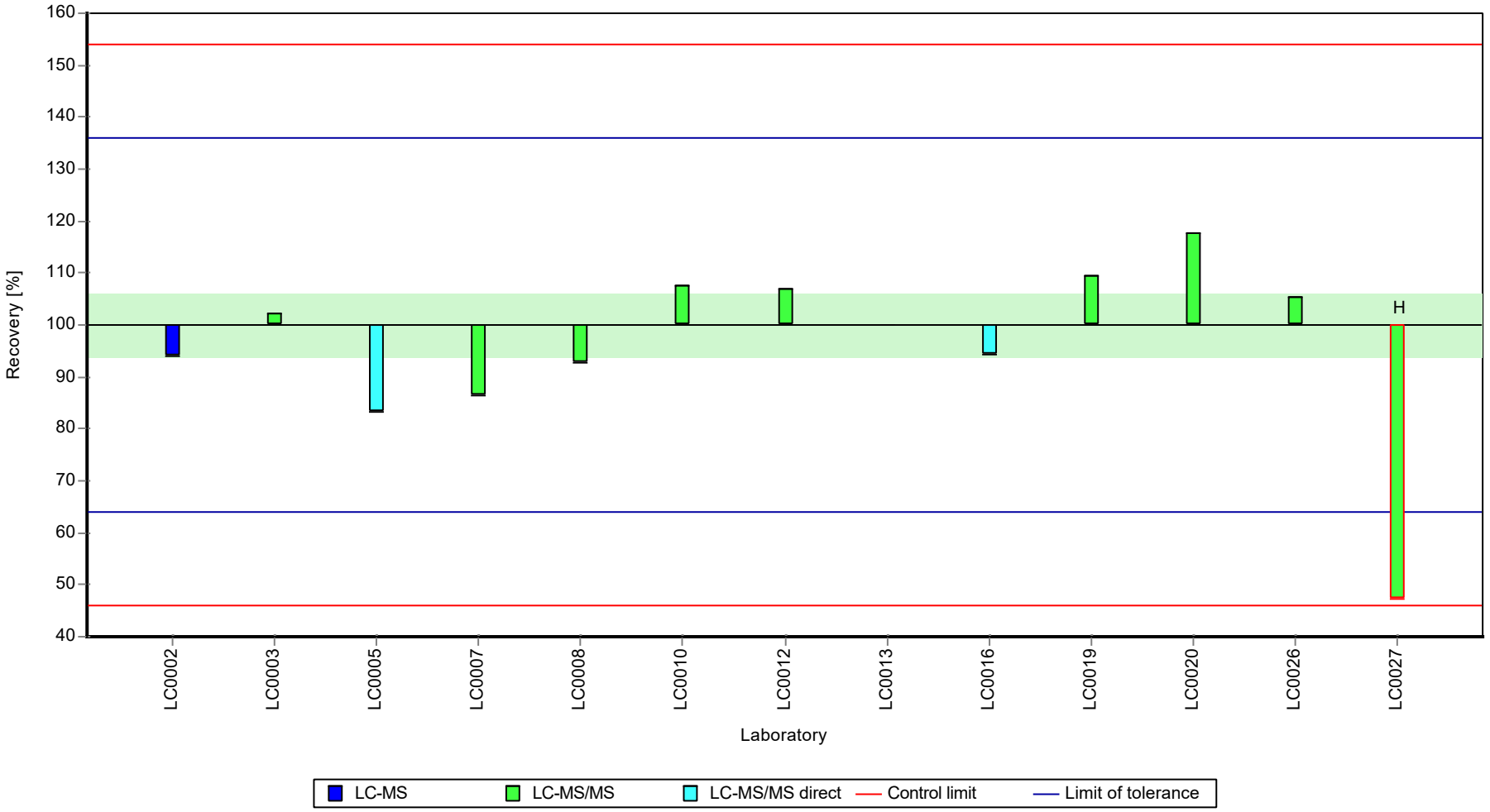
Results



Parameter oriented report Pesticides H116

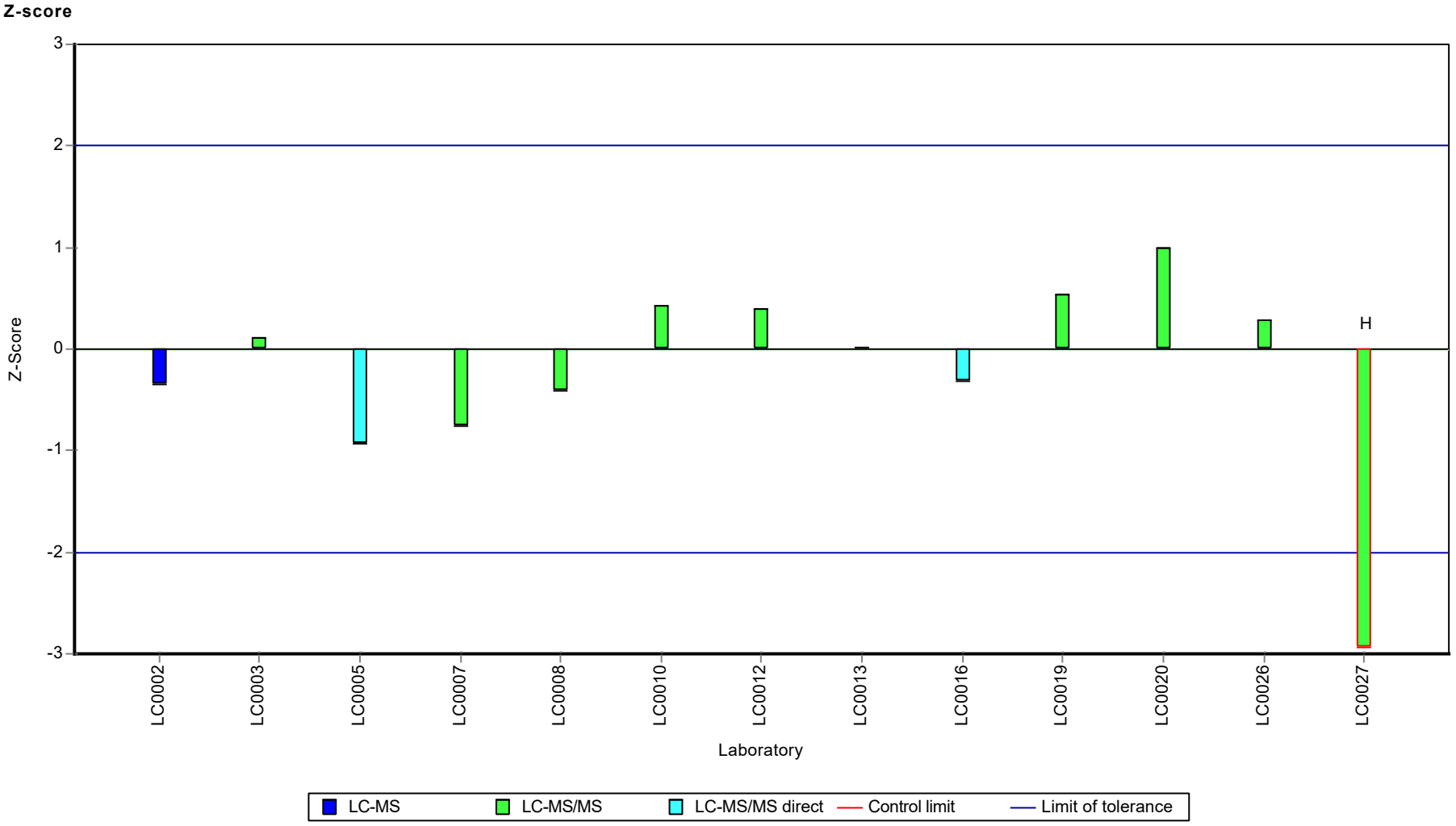
Sample: H116A, Parameter: 2,4,5-Trichlorophenoxyacetic acid

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: 2,4,5-Trichlorophenoxyacetic acid



Parameter oriented report

H116 B

2,4,5-Trichlorophenoxyacetic acid

Unit	µg/l
Assigned value ± U (k=2)	0.635 ± 0.0499
Criterion	0.114 (18 %)
Minimum - Maximum	0.427 - 0.755
Control test value ± U (k=2)	0.786 ± 0.314

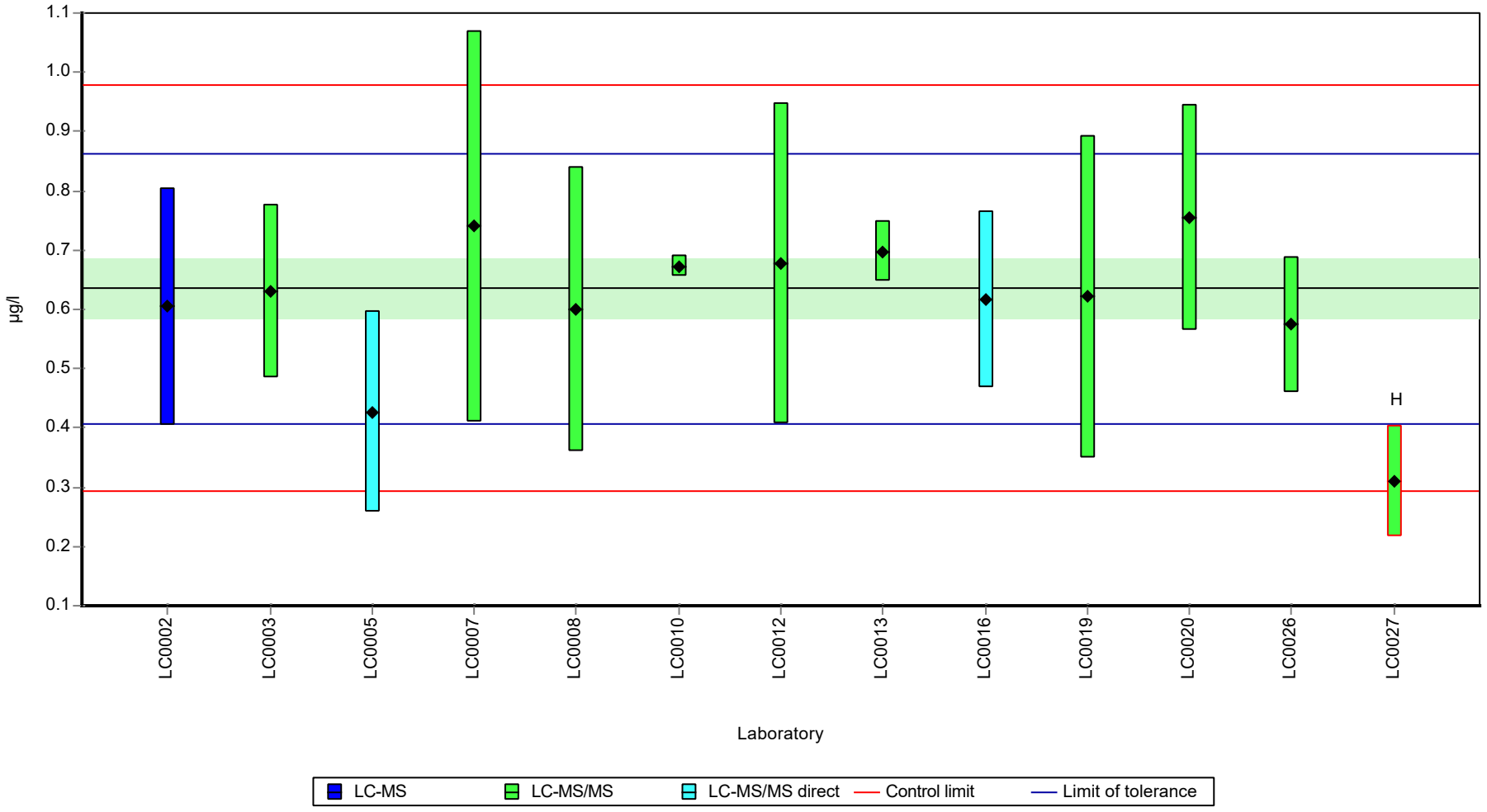
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.605	0.2	95.3	-0.26	
LC0003	0.631	0.147	99.4	-0.03	
LC0004	-	-	-	-	
LC0005	0.427	0.17	67.3	-1.82	
LC0006	-	-	-	-	
LC0007	0.74	0.33	117	0.92	
LC0008	0.6	0.24	94.5	-0.31	
LC0009	-	-	-	-	
LC0010	0.673	0.019	106	0.33	
LC0011	-	-	-	-	
LC0012	0.6777	0.271	107	0.37	
LC0013	0.698	0.052	110	0.55	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.617	0.15	97.2	-0.16	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.621	0.273	97.8	-0.12	
LC0020	0.755	0.19	119	1.05	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.574	0.115	90.4	-0.53	
LC0027	0.31	0.093	48.8	-2.84	H
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.61 ± 0.102	0.635 ± 0.0749	µg/l
Minimum	0.31	0.427	µg/l
Maximum	0.755	0.755	µg/l
Standard deviation	0.122	0.0865	µg/l
rel. standard deviation	20.1	13.6	%
n	13	12	-

Graphical presentation of results

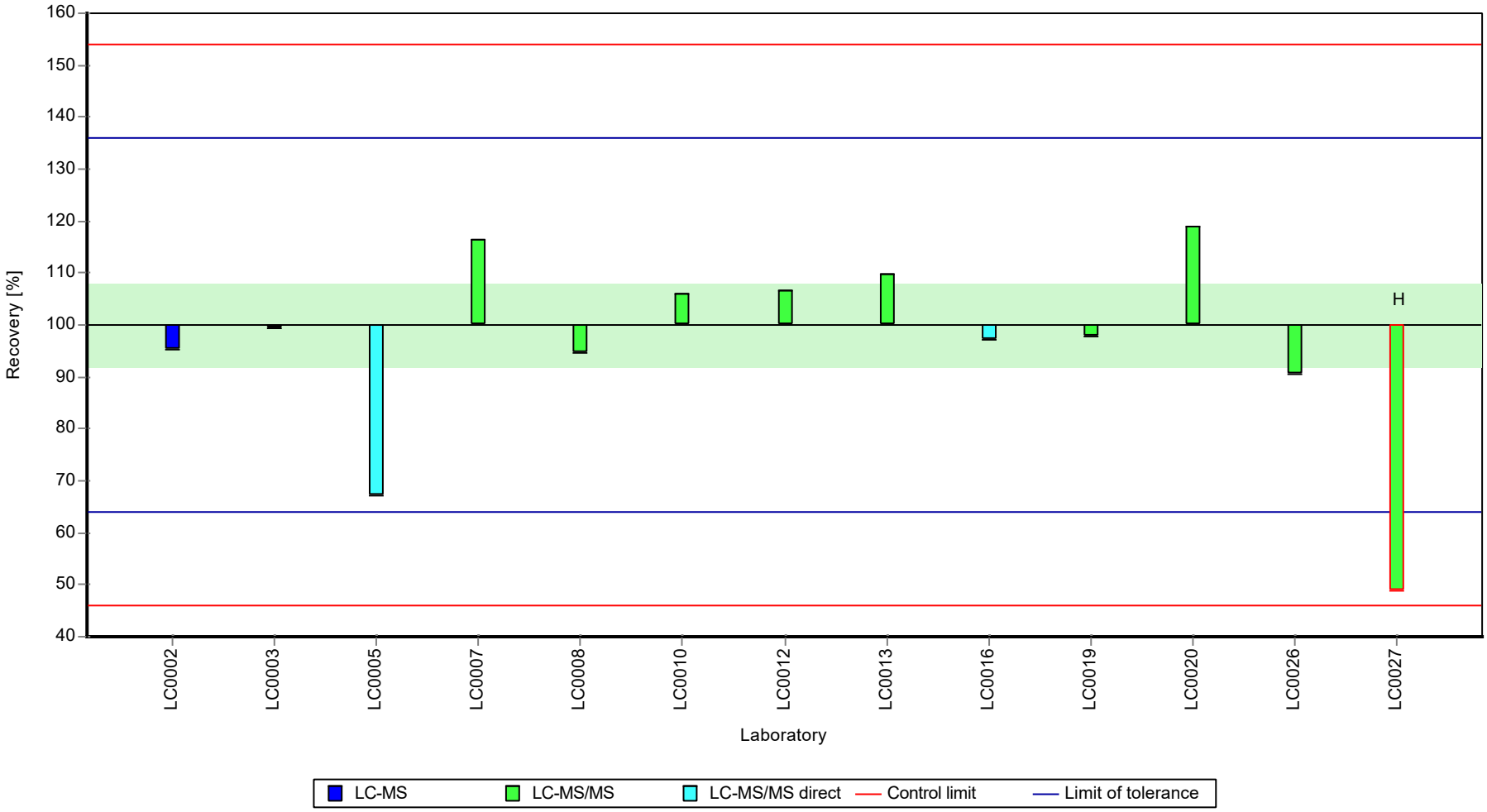
Results



Parameter oriented report Pesticides H116

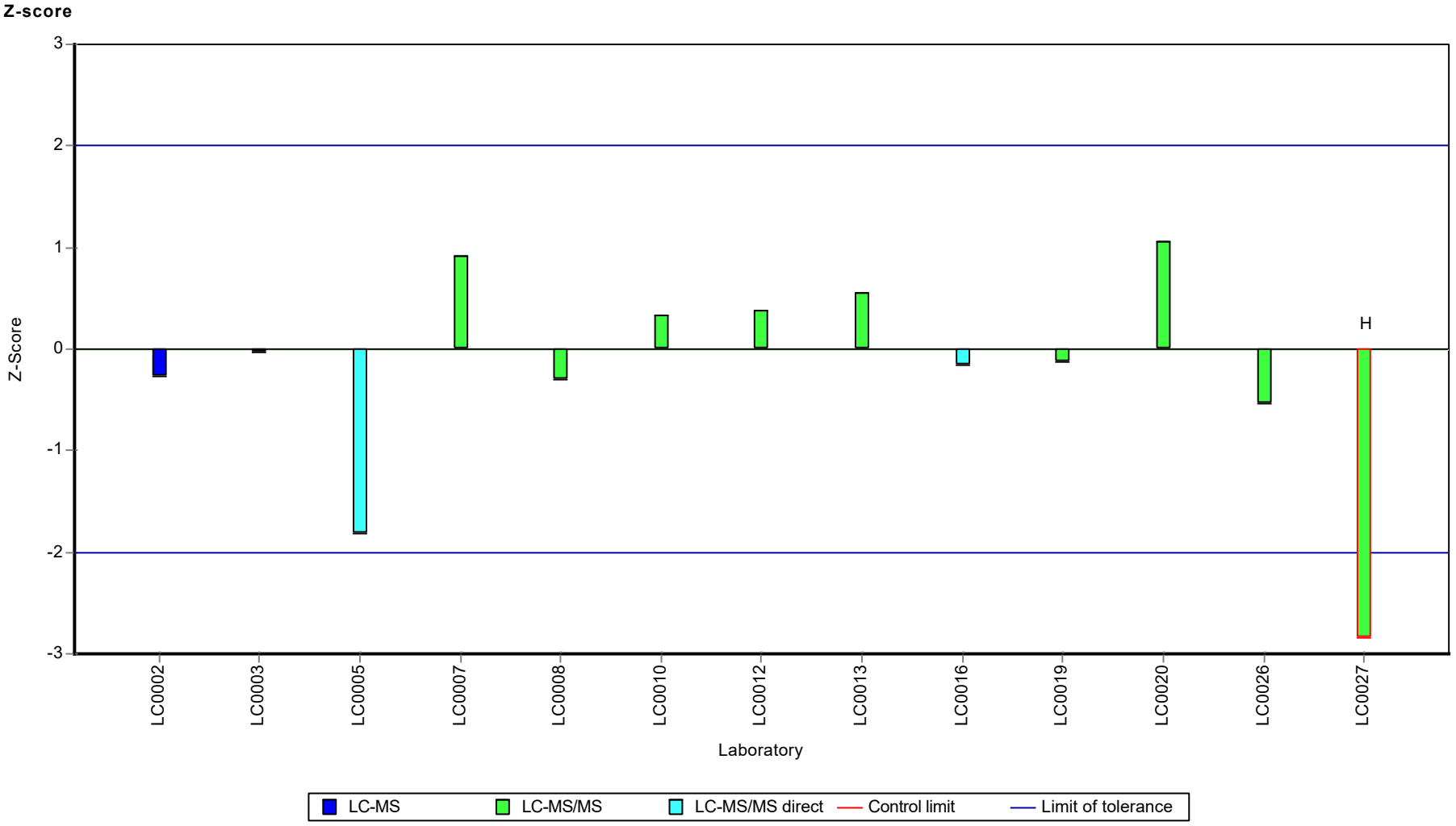
Sample: H116B, Parameter: 2,4,5-Trichlorophenoxyacetic acid

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: 2,4,5-Trichlorophenoxyacetic acid



Parameter oriented report

H116 A

2,4-D (2,4-Dichlorphenoxyaceticacid)

Unit	µg/l
Assigned value ± U (k=2)	0.231 ± 0.00911
Criterion	0.0324 (14 %)
Minimum - Maximum	0.19 - 0.278
Control test value ± U (k=2)	0.262 ± 0.0917

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.278	0.069	120	1.44	
LC0002	0.223	0.073	96.4	-0.25	
LC0003	0.239	0.039	103	0.24	
LC0004	0.23	0.023	99.5	-0.04	
LC0005	0.208	0.09	90	-0.72	
LC0006	0.22566	0.04062	97.6	-0.17	
LC0007	0.19	0.08	82.2	-1.27	
LC0008	0.235	0.094	102	0.12	
LC0009	-	-	-	-	
LC0010	0.243	0.008	105	0.36	
LC0011	-	-	-	-	
LC0012	0.2501	0.1	108	0.58	
LC0013	0.245	0.018	106	0.43	
LC0014	-	-	-	-	
LC0015	0.237	0.072	102	0.18	
LC0016	0.234	0.073	101	0.09	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.207	0.091	89.5	-0.75	
LC0020	0.225	0.056	97.3	-0.19	
LC0021	-	-	-	-	
LC0022	0.211	0.004	91.2	-0.63	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.2377	0.01426	103	0.2	
LC0026	0.292	0.058	126	1.88	H
LC0027	0.168	0.042	72.7	-1.95	H
LC0028	-	-	-	-	
LC0029	0.255	0.08	110	0.73	
LC0030	0.22	0.066	95.1	-0.35	

Characteristics of parameter

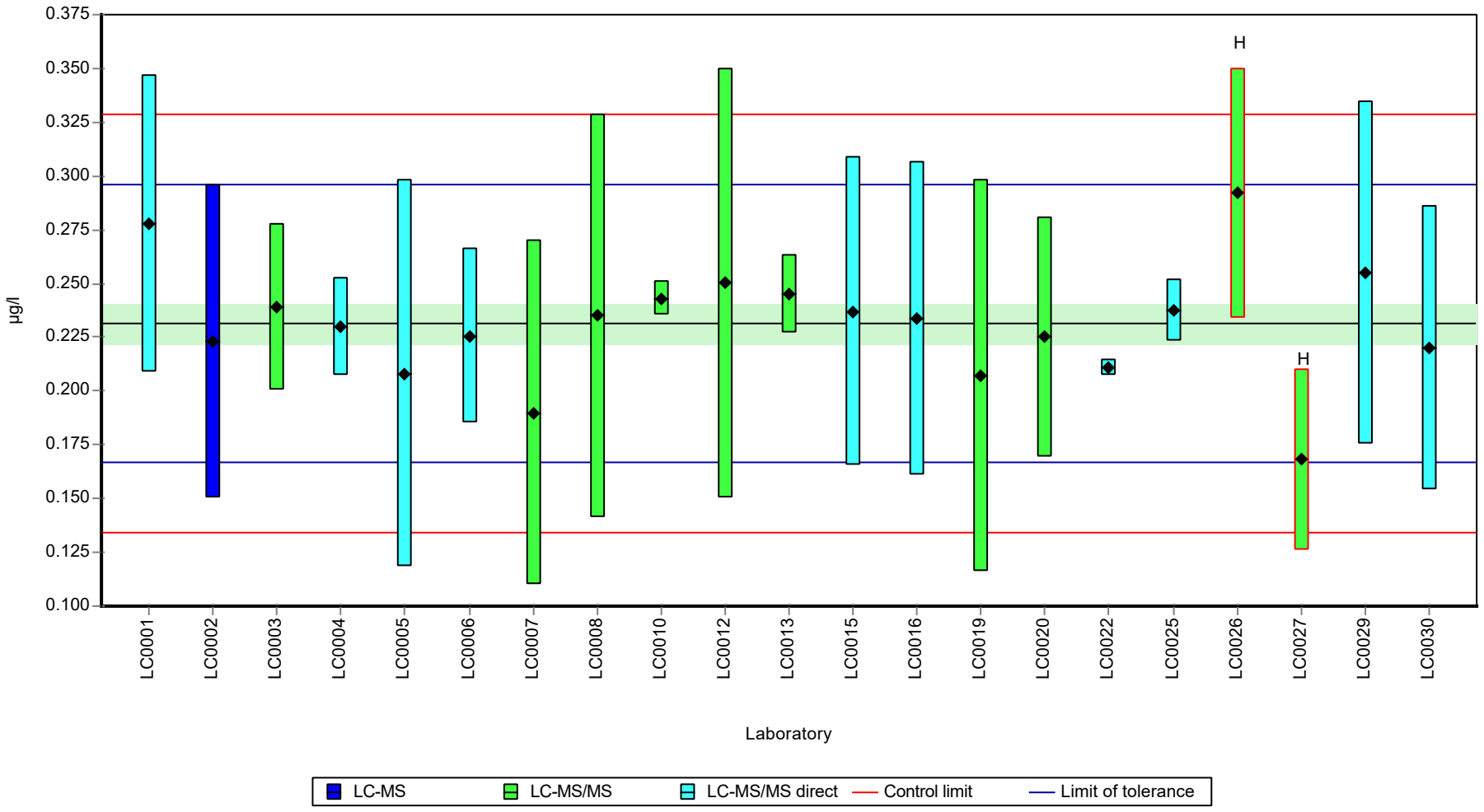
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.231 ± 0.0178	0.231 ± 0.0137	µg/l
Minimum	0.168	0.19	µg/l
Maximum	0.292	0.278	µg/l
Standard deviation	0.0272	0.0199	µg/l
rel. standard deviation	11.8	8.59	%
n	21	19	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: 2,4-D (2,4-Dichlorphenoxyaceticacid)

Graphical presentation of results

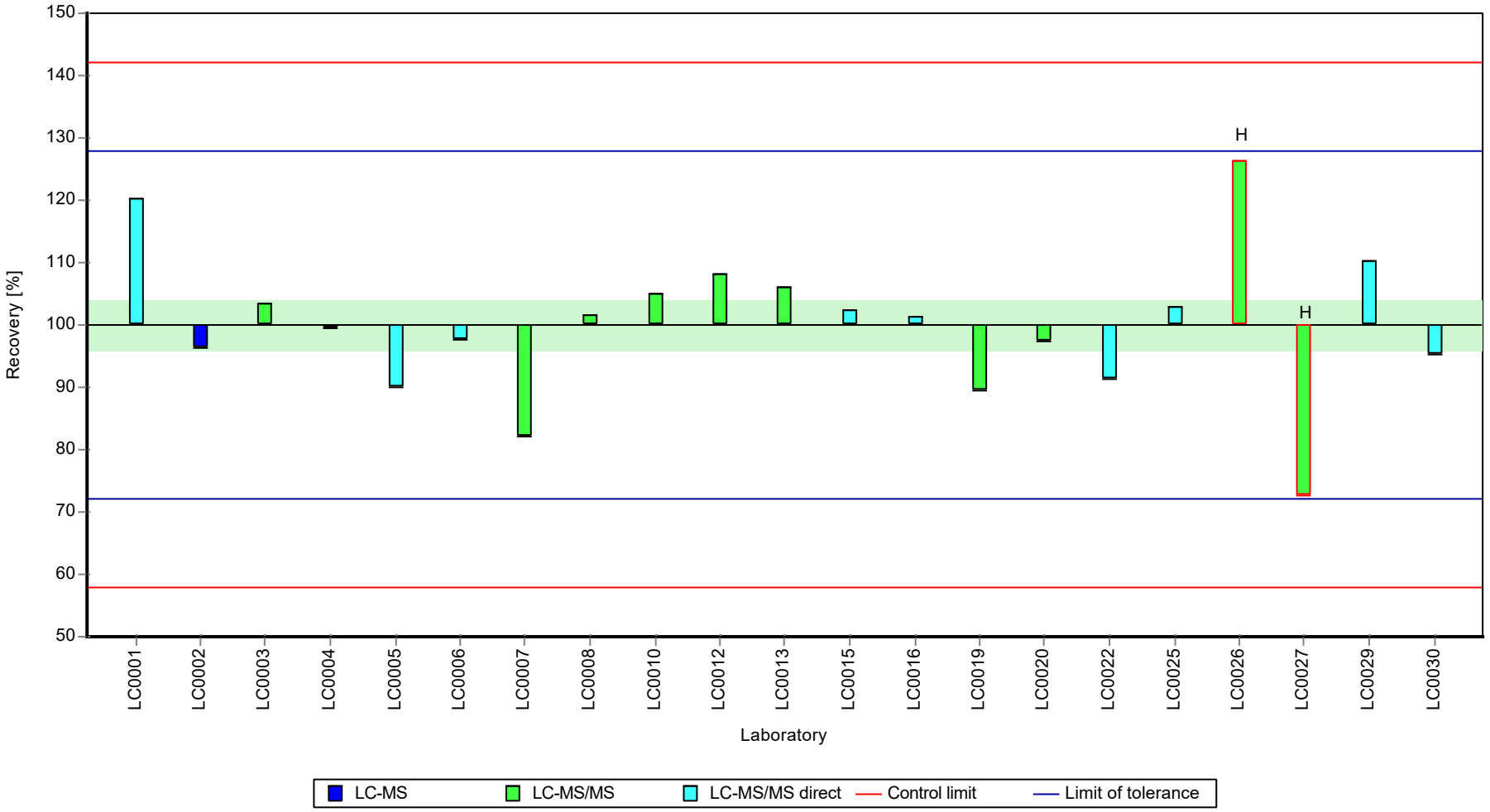
Results



Parameter oriented report Pesticides H116

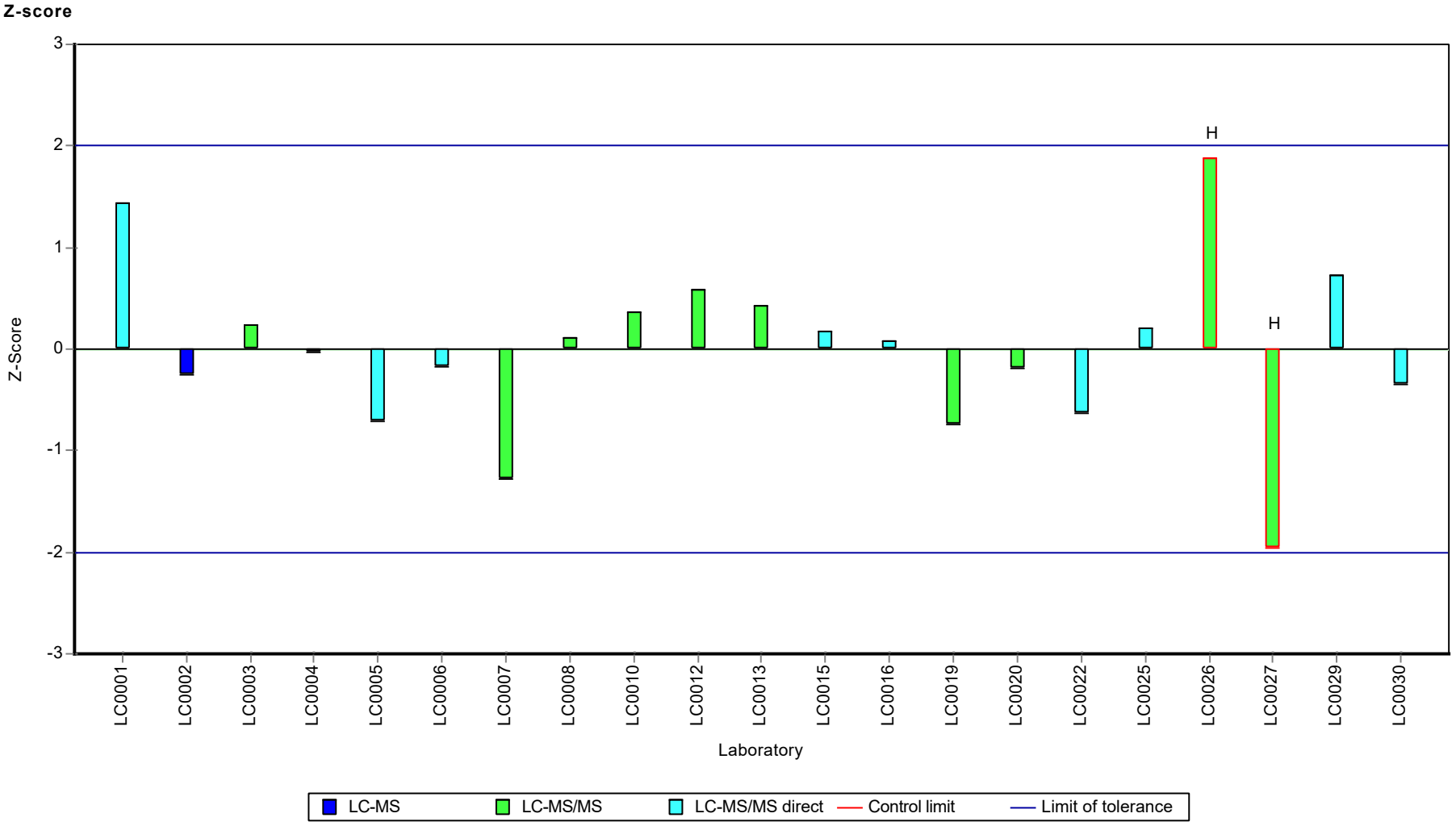
Sample: H116A, Parameter: 2,4-D (2,4-Dichlorphenoxyaceticacid)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: 2,4-D (2,4-Dichlorphenoxyaceticacid)



Parameter oriented report

H116 B

2,4-D (2,4-Dichlorphenoxyaceticacid)

Unit	µg/l
Assigned value ± U (k=2)	0.761 ± 0.0295
Criterion	0.107 (14 %)
Minimum - Maximum	0.612 - 0.884
Control test value ± U (k=2)	0.821 ± 0.287

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.884	0.221	116	1.15	
LC0002	0.729	0.241	95.8	-0.3	
LC0003	0.778	0.127	102	0.16	
LC0004	0.7	0.069	92	-0.57	
LC0005	0.612	0.22	80.4	-1.4	
LC0006	0.68887	0.124	90.5	-0.68	
LC0007	0.88	0.39	116	1.11	
LC0008	0.773	0.309	102	0.11	
LC0009	-	-	-	-	
LC0010	0.816	0.018	107	0.51	
LC0011	-	-	-	-	
LC0012	0.7733	0.309	102	0.11	
LC0013	0.824	0.062	108	0.59	
LC0014	-	-	-	-	
LC0015	0.67	0.204	88	-0.86	
LC0016	0.774	0.24	102	0.12	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.76	0.344	99.8	-0.01	
LC0020	0.75	0.19	98.5	-0.11	
LC0021	-	-	-	-	
LC0022	0.71	0.009	93.3	-0.48	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.76434	0.04586	100	0.03	
LC0026	0.813	0.163	107	0.49	
LC0027	0.528	0.132	69.4	-2.19	H
LC0028	-	-	-	-	
LC0029	0.765	0.23	100	0.04	
LC0030	0.76	0.022	99.8	-0.01	

Characteristics of parameter

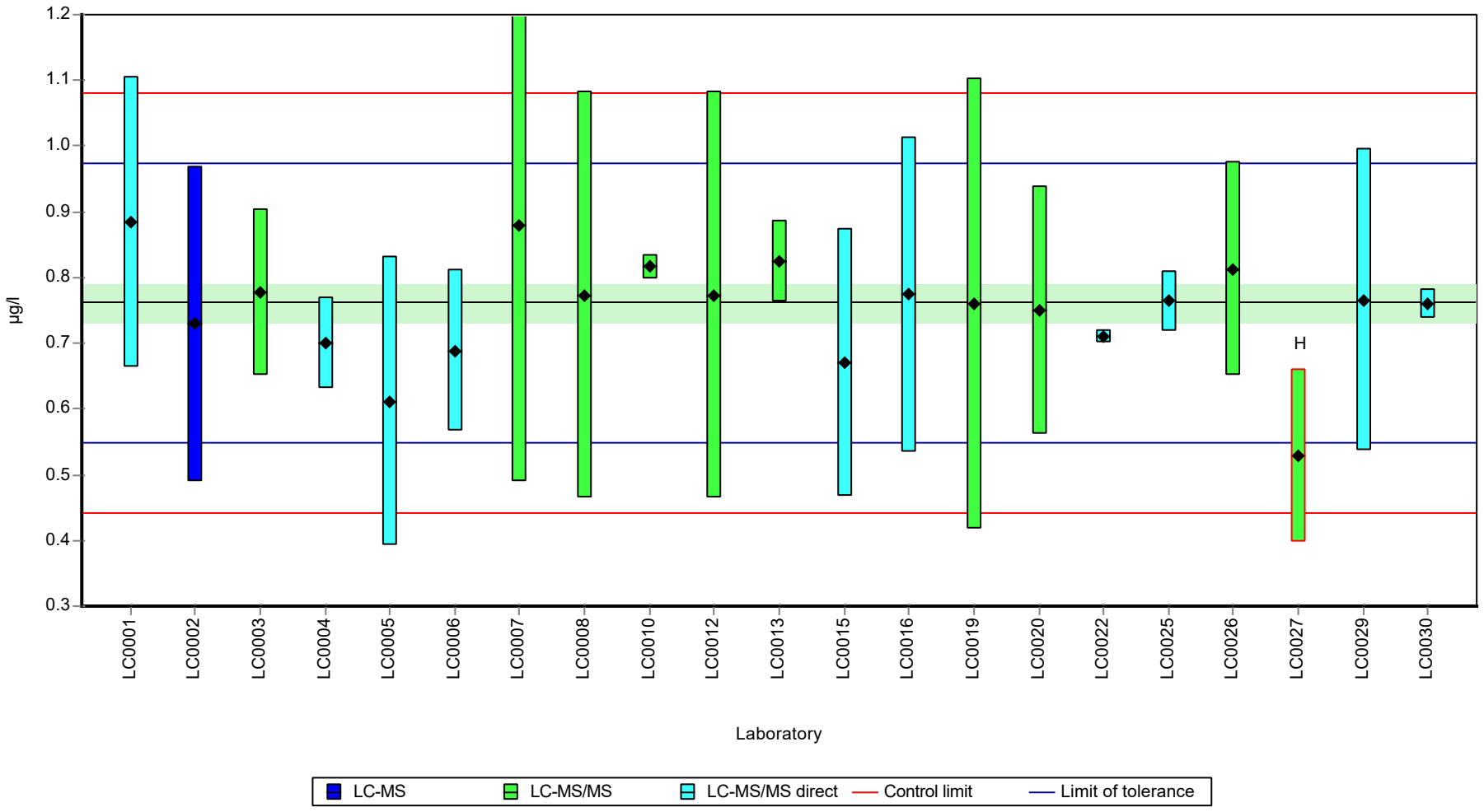
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.75 ± 0.0537	0.761 ± 0.0443	µg/l
Minimum	0.528	0.612	µg/l
Maximum	0.884	0.884	µg/l
Standard deviation	0.0821	0.0661	µg/l
rel. standard deviation	10.9	8.68	%
n	21	20	-

Parameter oriented report Pesticides H116

Sample: H116B, Parameter: 2,4-D (2,4-Dichlorphenoxyaceticacid)

Graphical presentation of results

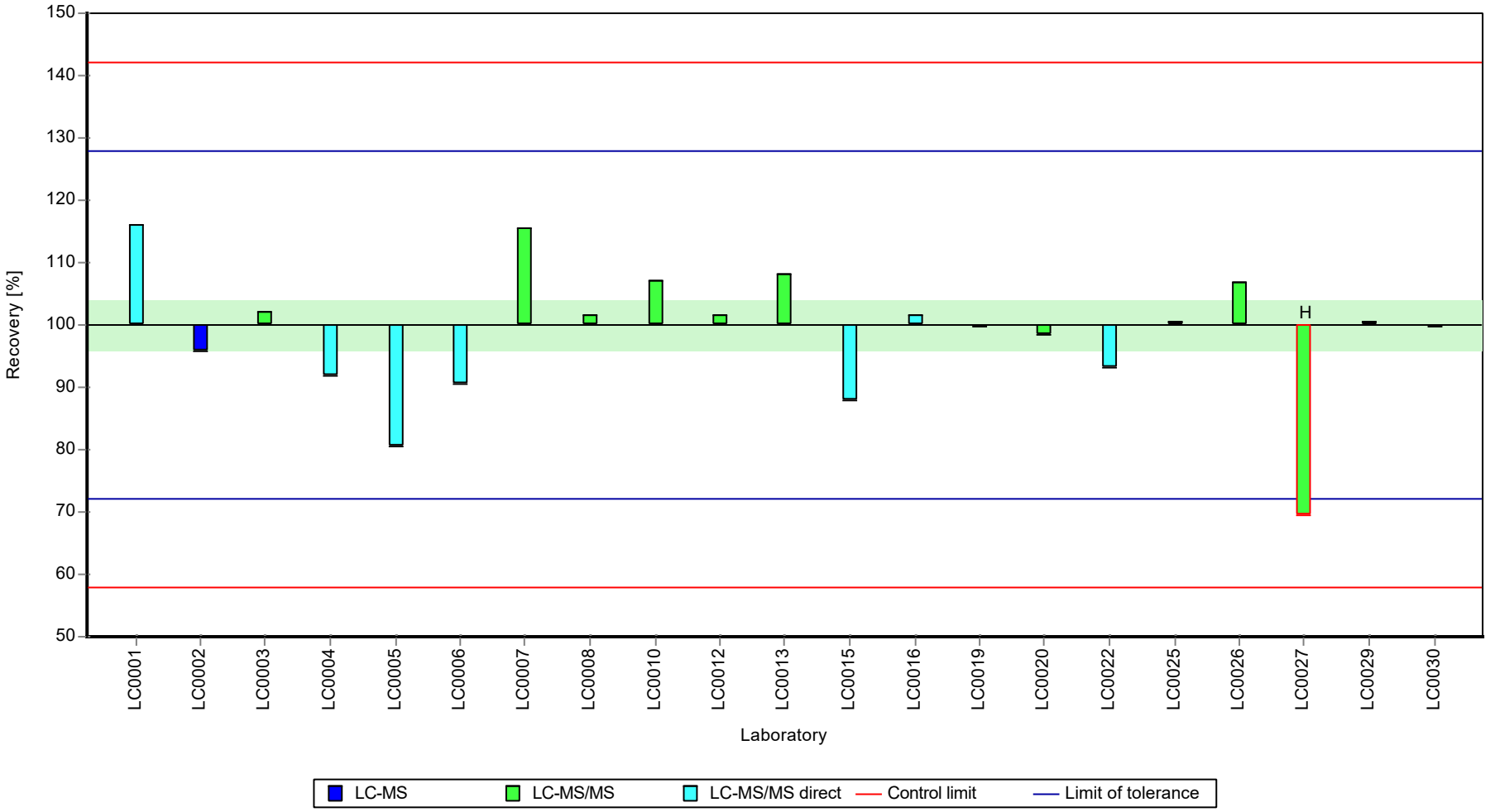
Results



Parameter oriented report Pesticides H116

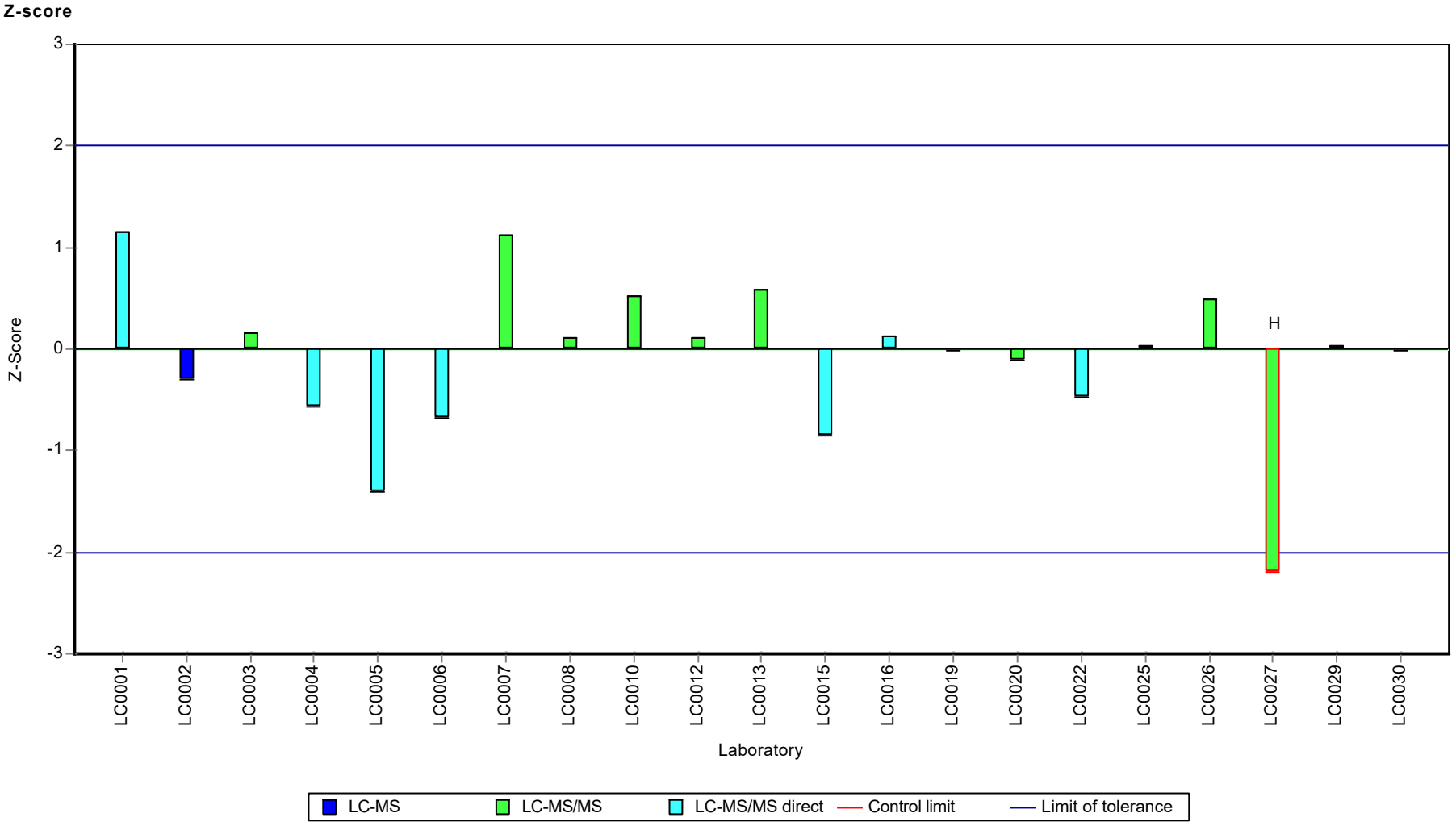
Sample: H116B, Parameter: 2,4-D (2,4-Dichlorphenoxyaceticacid)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: 2,4-D (2,4-Dichlorphenoxyaceticacid)



Parameter oriented report

H116 A

Alachlor

Unit	µg/l
Assigned value ± U (k=2)	0.17 ± 0.0095
Criterion	0.0203 (12 %)
Minimum - Maximum	0.134 - 0.202
Control test value ± U (k=2)	0.163 ± 0.0327

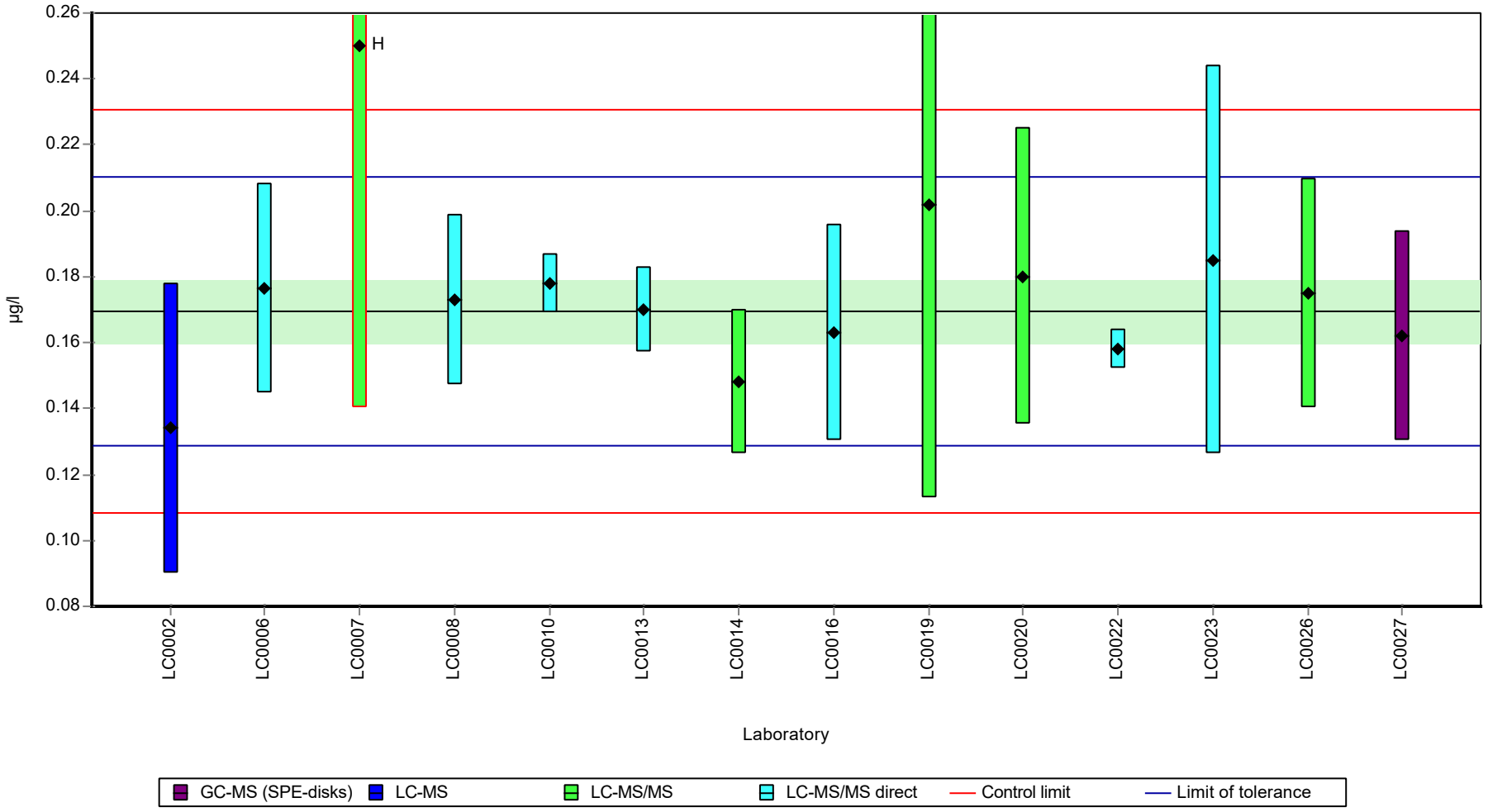
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.134	0.044	79	-1.75	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.17645	0.03176	104	0.34	
LC0007	0.25	0.11	147	3.95	H
LC0008	0.173	0.0259	102	0.17	
LC0009	-	-	-	-	
LC0010	0.178	0.009	105	0.41	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.17	0.013	100	0.02	
LC0014	0.148	0.022	87.3	-1.06	
LC0015	-	-	-	-	
LC0016	0.163	0.033	96.1	-0.32	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.202	0.089	119	1.59	
LC0020	0.18	0.045	106	0.51	
LC0021	-	-	-	-	
LC0022	0.158	0.006	93.2	-0.57	
LC0023	0.185	0.059	109	0.76	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.175	0.035	103	0.27	
LC0027	0.162	0.032	95.5	-0.37	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.175 ± 0.0217	0.17 ± 0.0143	µg/l
Minimum	0.134	0.134	µg/l
Maximum	0.25	0.202	µg/l
Standard deviation	0.0271	0.0171	µg/l
rel. standard deviation	15.4	10.1	%
n	14	13	-

Graphical presentation of results

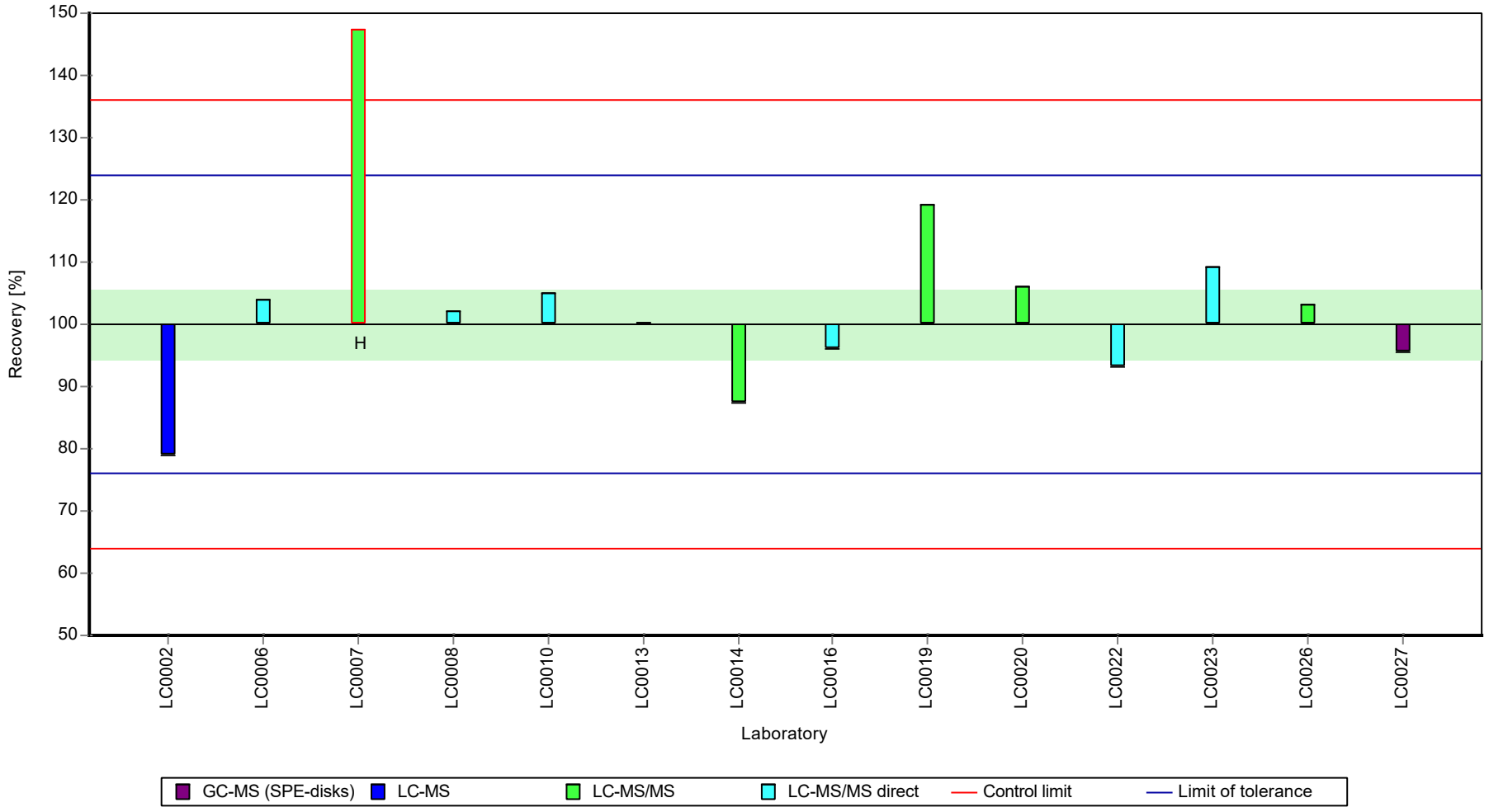
Results



Parameter oriented report Pesticides H116

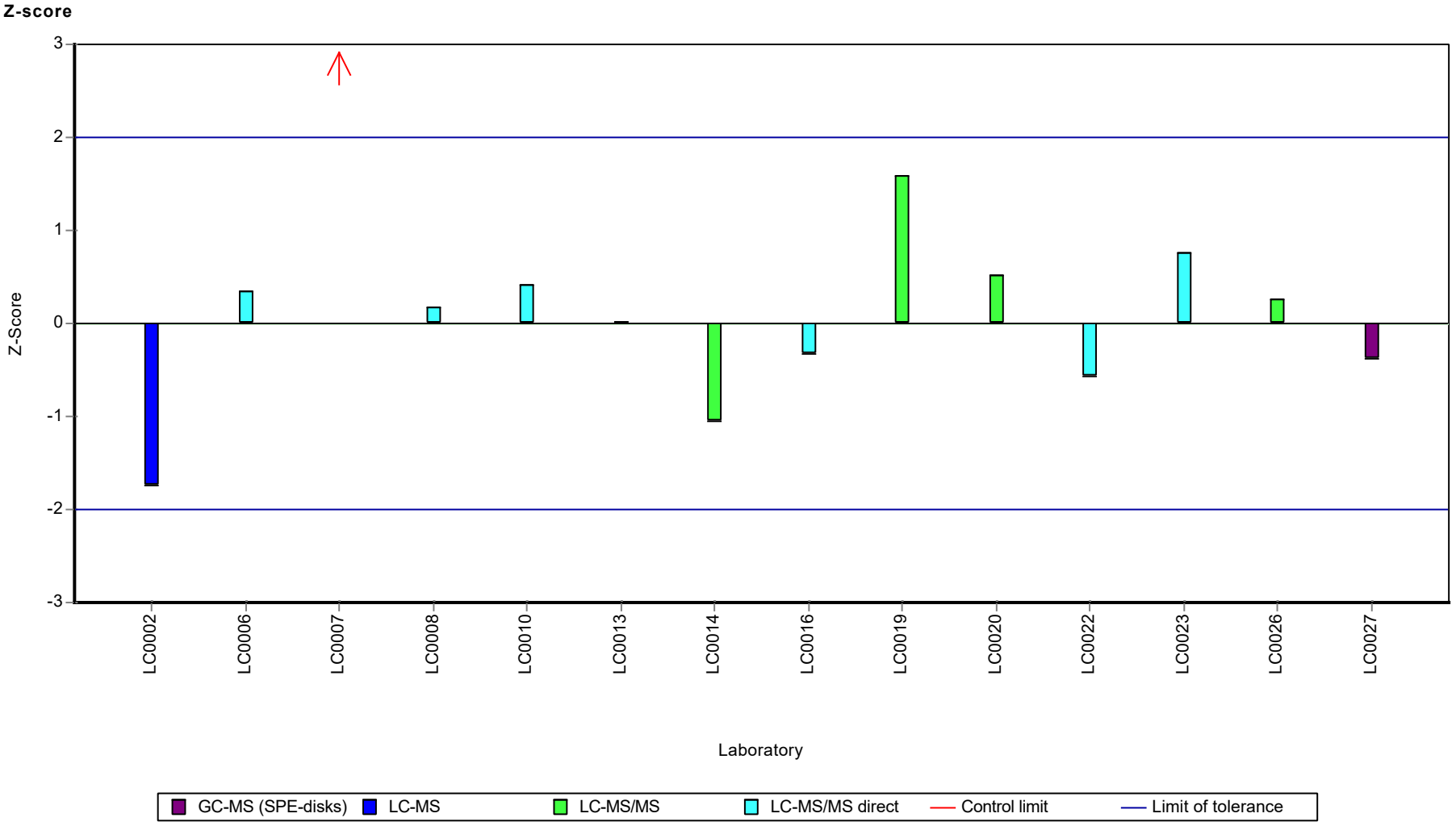
Sample: H116A, Parameter: Alachlor

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Alachlor



Parameter oriented report

H116 B

Alachlor

Unit	µg/l
Assigned value ± U (k=2)	0.405 ± 0.0158
Criterion	0.0487 (12 %)
Minimum - Maximum	0.362 - 0.439
Control test value ± U (k=2)	0.418 ± 0.0836

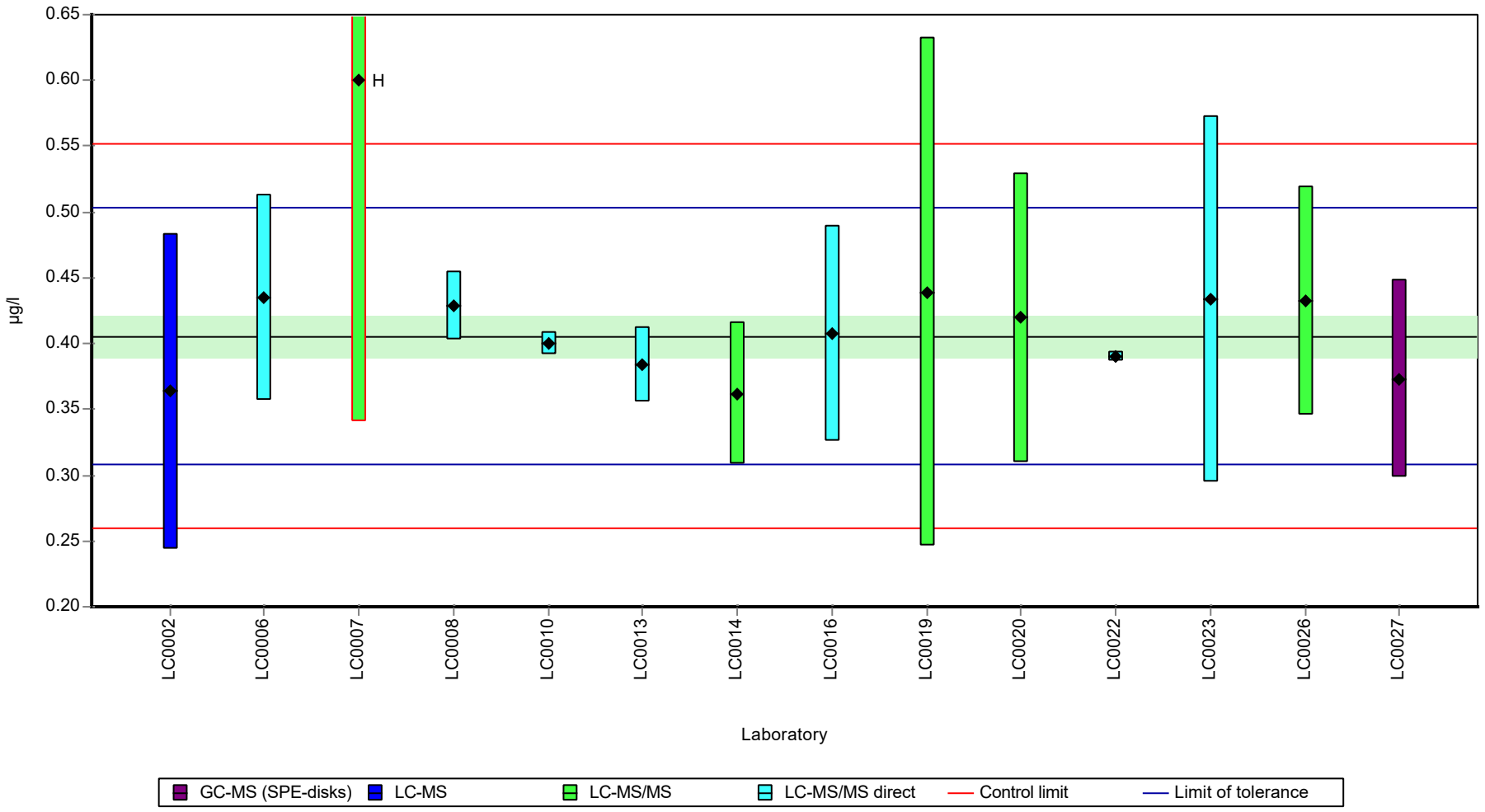
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.364	0.12	89.8	-0.85	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.43534	0.07836	107	0.61	
LC0007	0.6	0.26	148	4	H
LC0008	0.429	0.0259	106	0.48	
LC0009	-	-	-	-	
LC0010	0.4	0.009	98.6	-0.11	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.384	0.029	94.7	-0.44	
LC0014	0.362	0.054	89.3	-0.89	
LC0015	-	-	-	-	
LC0016	0.408	0.082	101	0.05	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.439	0.193	108	0.69	
LC0020	0.42	0.11	104	0.3	
LC0021	-	-	-	-	
LC0022	0.39	0.004	96.2	-0.32	
LC0023	0.434	0.139	107	0.59	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.433	0.087	107	0.57	
LC0027	0.373	0.075	92	-0.67	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.419 ± 0.0471	0.405 ± 0.0237	µg/l
Minimum	0.362	0.362	µg/l
Maximum	0.6	0.439	µg/l
Standard deviation	0.0588	0.0285	µg/l
rel. standard deviation	14	7.03	%
n	14	13	-

Graphical presentation of results

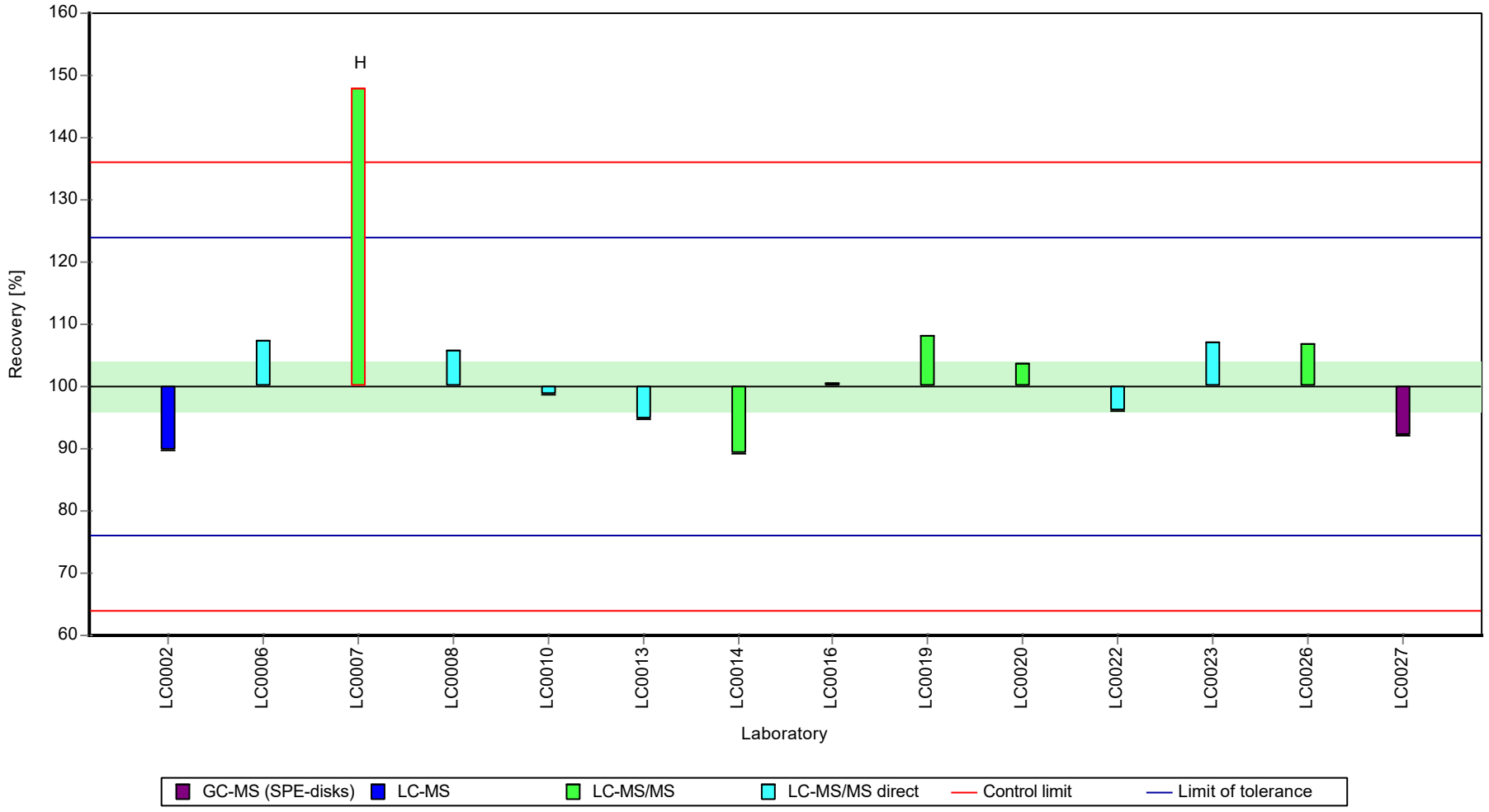
Results



Parameter oriented report Pesticides H116

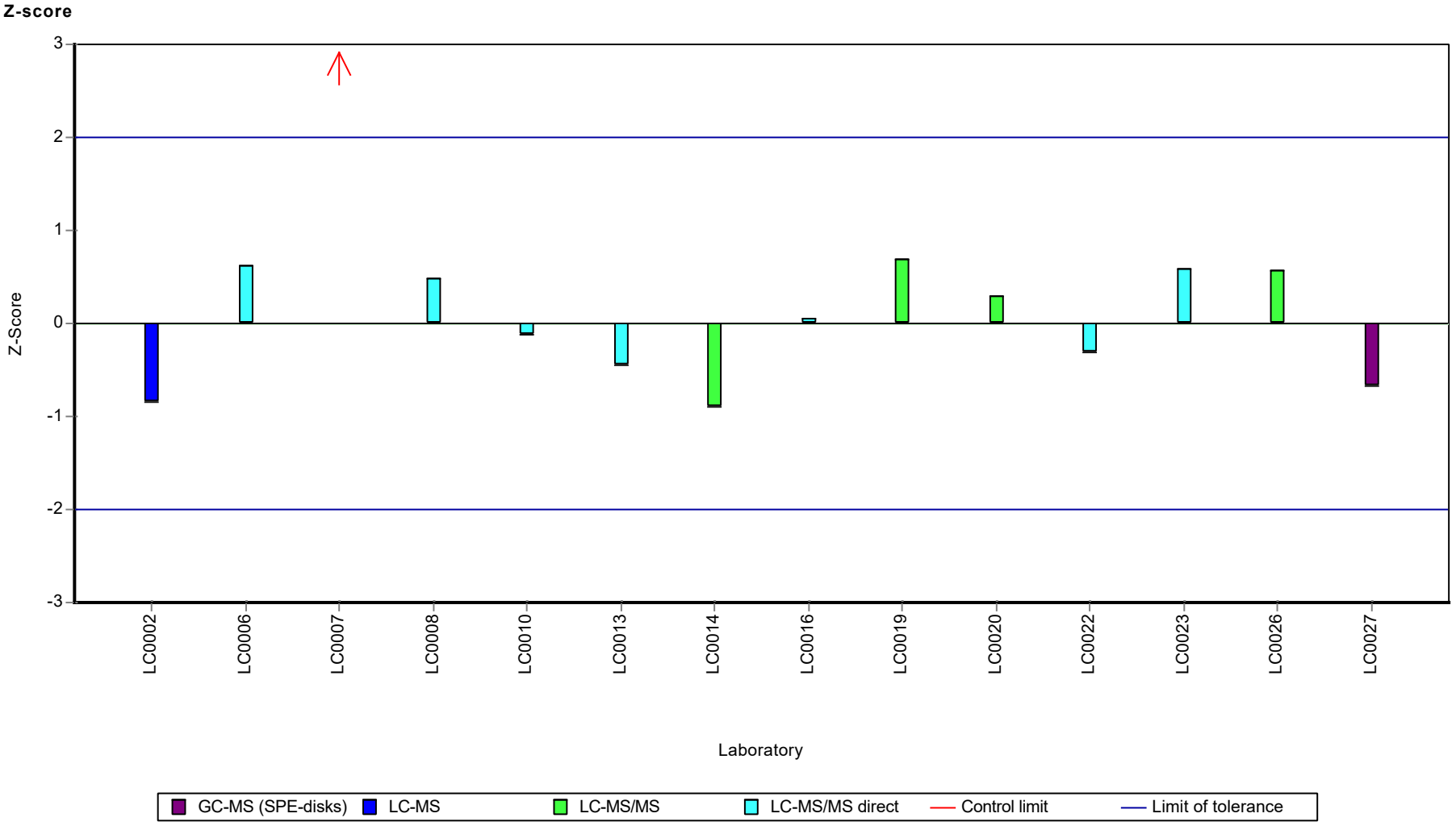
Sample: H116B, Parameter: Alachlor

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Alachlor



Parameter oriented report

H116 A

Alachlor-t-acid (Alachlor-OA)

Unit	µg/l
Assigned value ± U (k=2)	0.204 ± 0.0116
Criterion	0.0306 (15 %)
Minimum - Maximum	0.185 - 0.225
Control test value ± U (k=2)	0.179 ± 0.0268

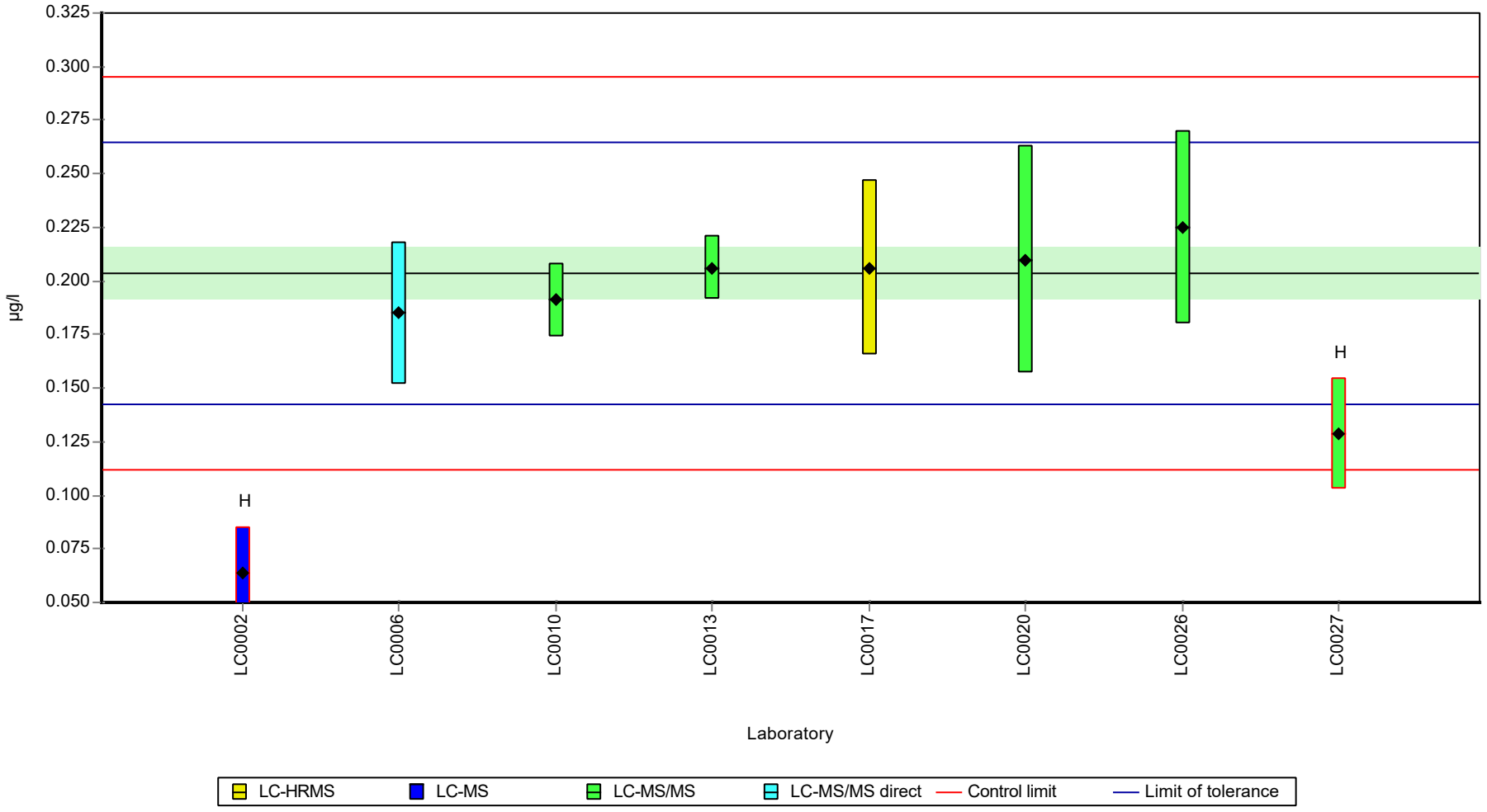
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.064	0.021	31.4	-4.57	H
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.18509	0.03332	90.8	-0.61	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.191	0.017	93.7	-0.42	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.206	0.015	101	0.07	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.206	0.041	101	0.07	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.21	0.053	103	0.2	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.225	0.045	110	0.69	
LC0027	0.129	0.026	63.3	-2.45	H
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.177 ± 0.0573	0.204 ± 0.0174	µg/l
Minimum	0.064	0.185	µg/l
Maximum	0.225	0.225	µg/l
Standard deviation	0.054	0.0142	µg/l
rel. standard deviation	30.5	6.98	%
n	8	6	-

Graphical presentation of results

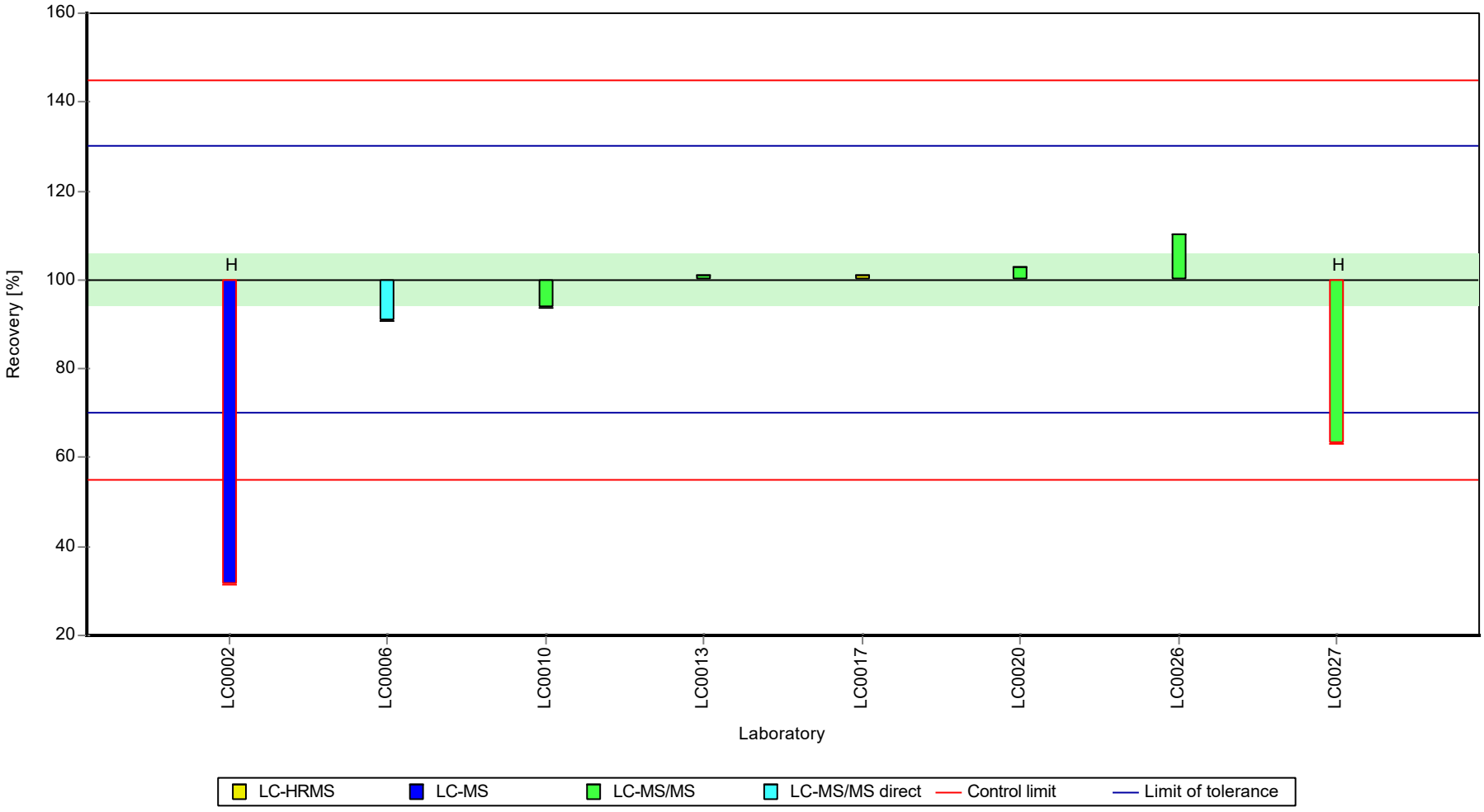
Results



Parameter oriented report Pesticides H116

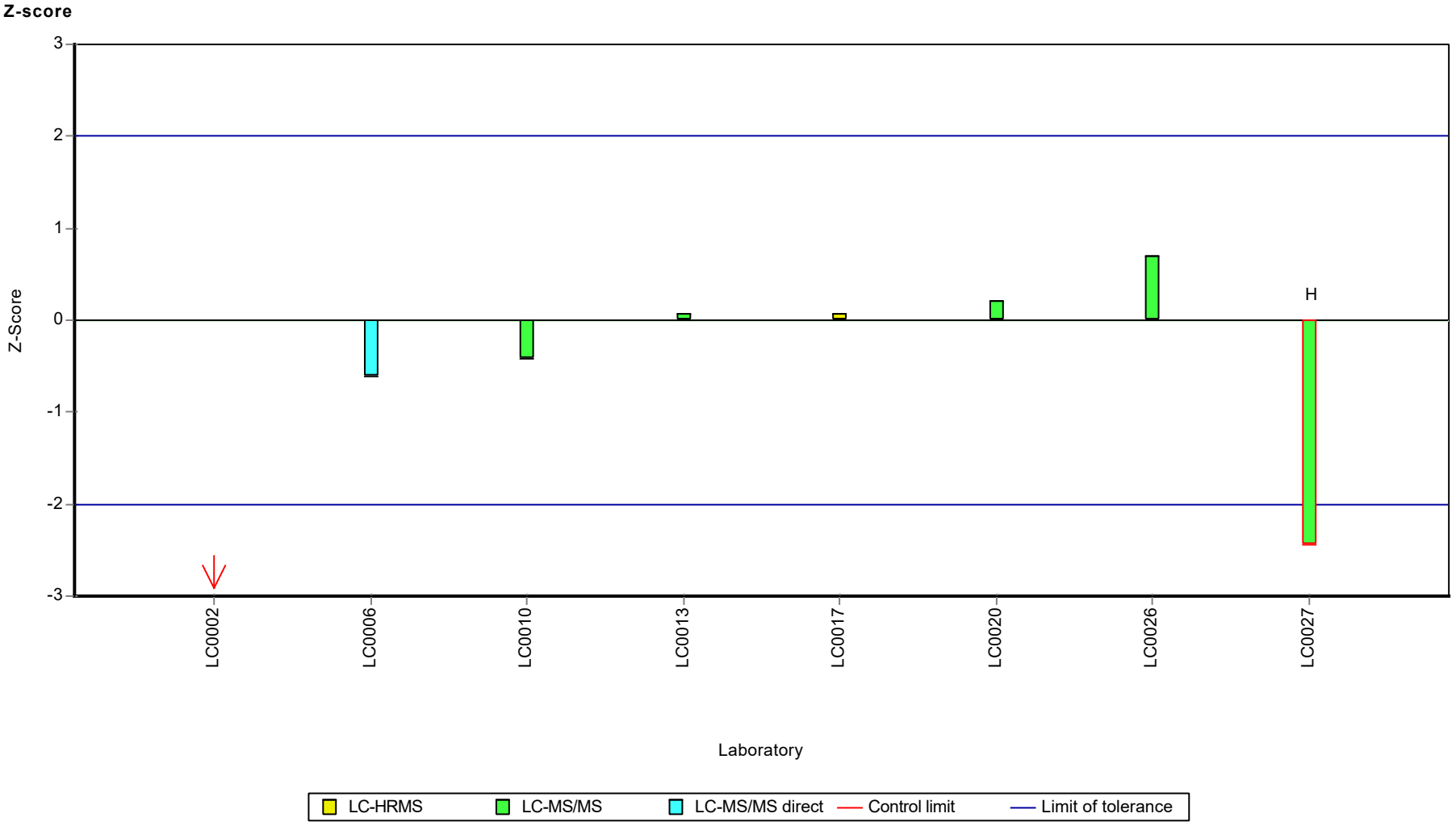
Sample: H116A, Parameter: Alachlor-t-acid (Alachlor-OA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Alachlor-t-acid (Alachlor-OA)



Parameter oriented report

H116 B

Alachlor-t-acid (Alachlor-OA)

Unit	µg/l
Assigned value ± U (k=2)	0.544 ± 0.106
Criterion	0.152 (28 %)
Minimum - Maximum	0.253 - 0.698
Control test value ± U (k=2)	0.601 ± 0.0902

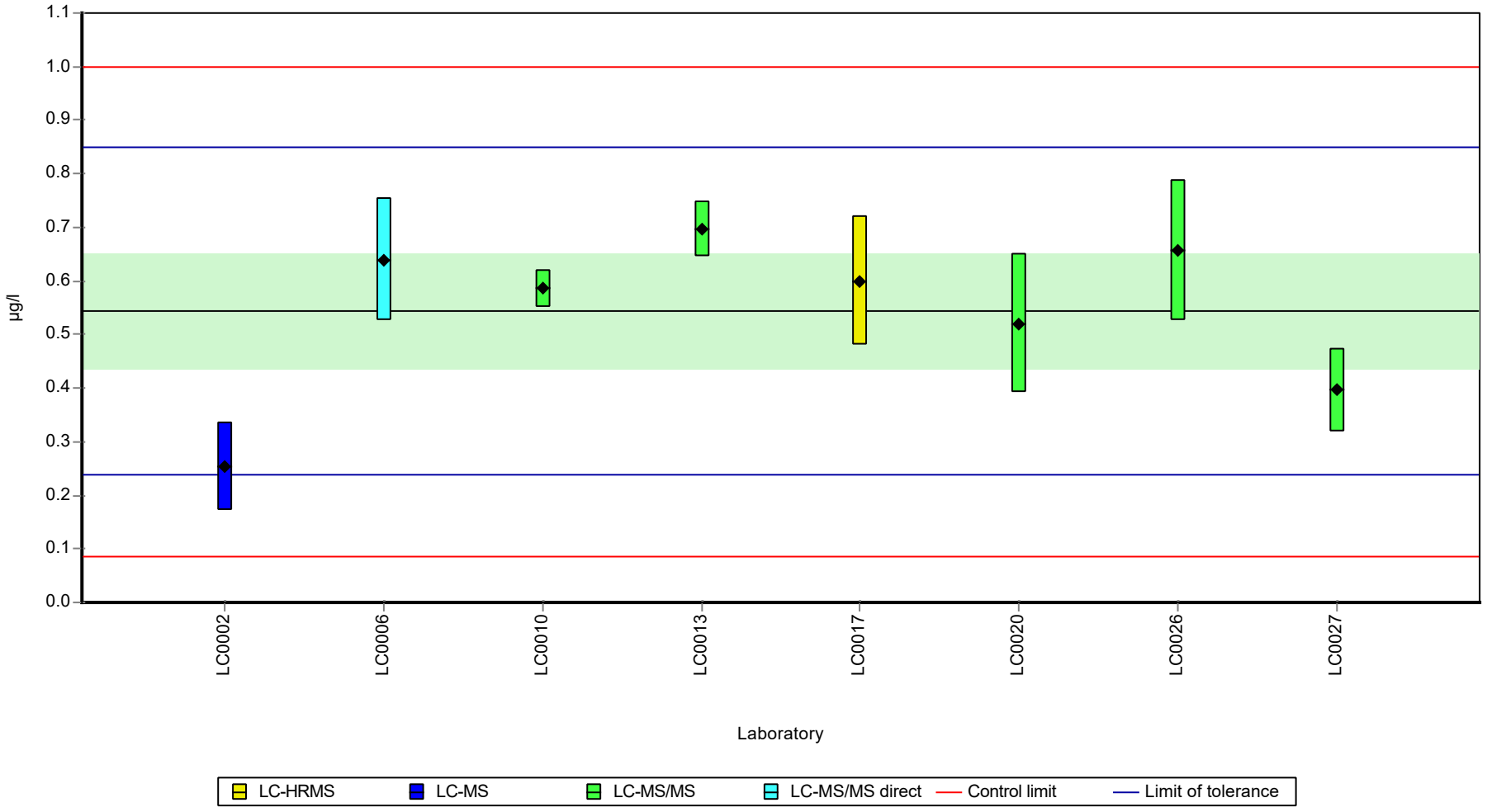
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.253	0.083	46.5	-1.91	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.63941	0.11509	118	0.63	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.586	0.035	108	0.28	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.698	0.052	128	1.01	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.6	0.121	110	0.37	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.52	0.13	95.7	-0.15	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.656	0.131	121	0.74	
LC0027	0.396	0.079	72.9	-0.97	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.544 ± 0.159	0.544 ± 0.159	µg/l
Minimum	0.253	0.253	µg/l
Maximum	0.698	0.698	µg/l
Standard deviation	0.15	0.15	µg/l
rel. standard deviation	27.6	27.6	%
n	8	8	-

Graphical presentation of results

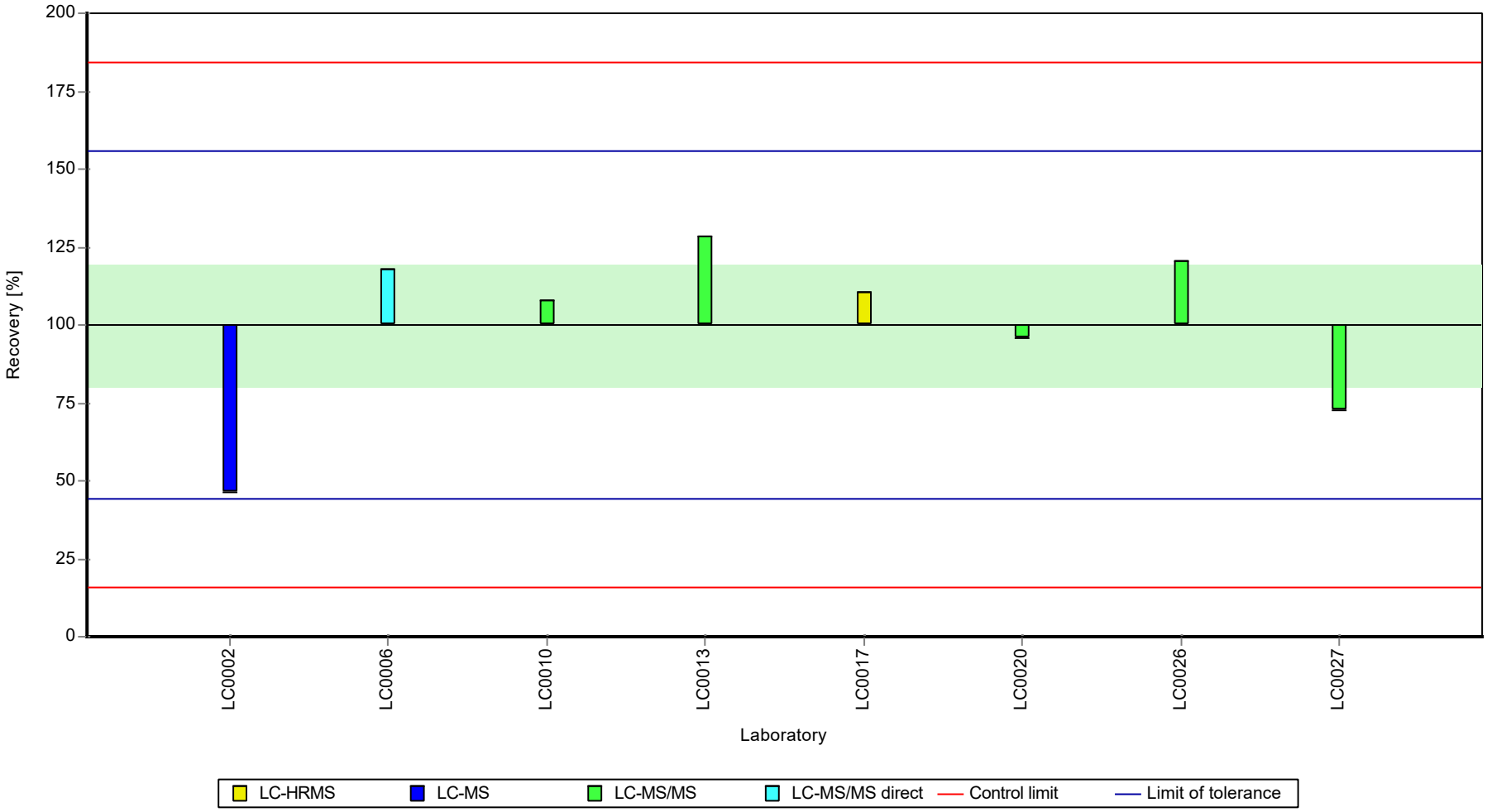
Results



Parameter oriented report Pesticides H116

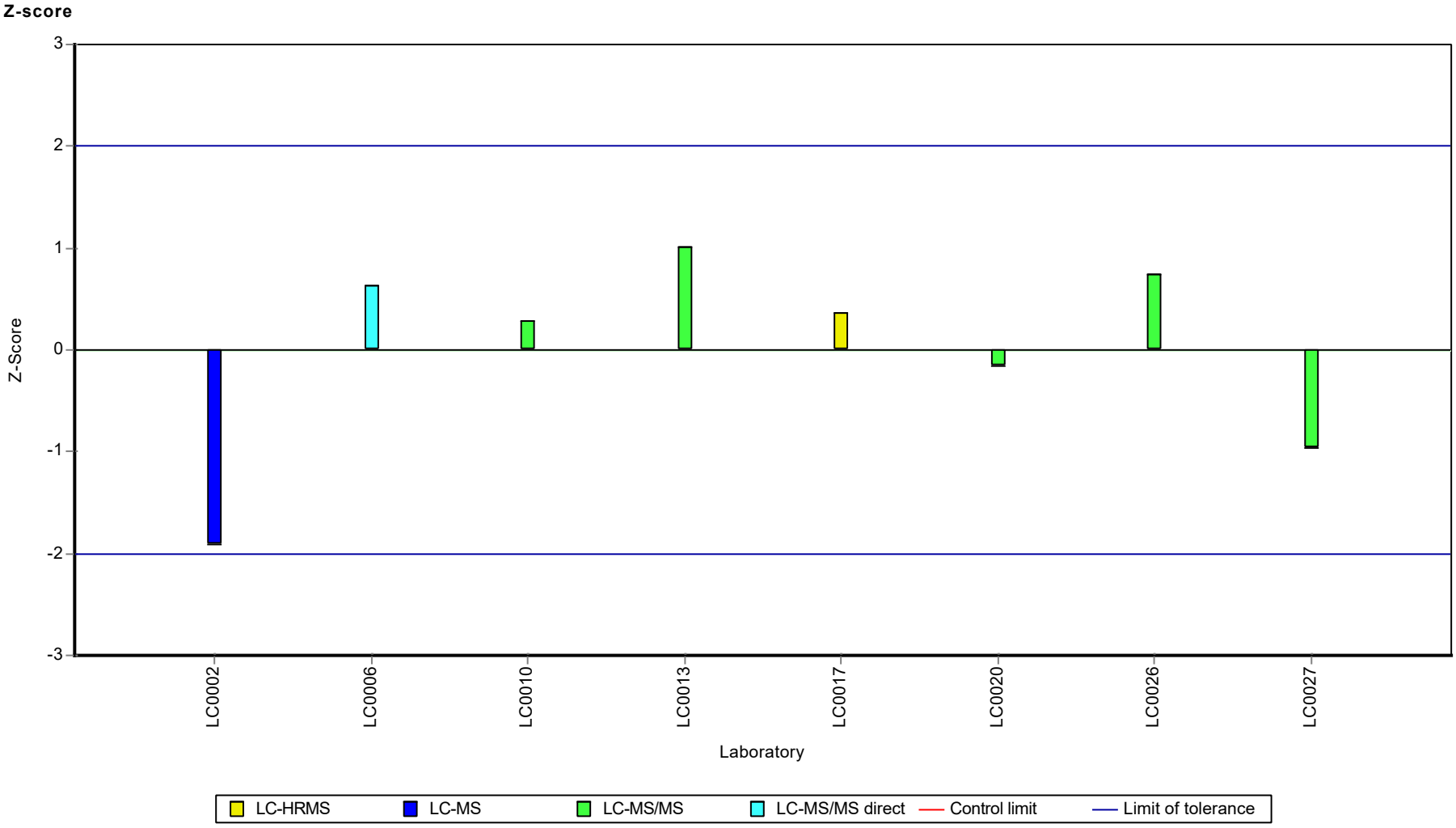
Sample: H116B, Parameter: Alachlor-t-acid (Alachlor-OA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Alachlor-t-acid (Alachlor-OA)



Parameter oriented report

H116 A

Alachlor-t-sulfonic acid (Alachlor-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.228 ± 0.0239
Criterion	0.0296 (13 %)
Minimum - Maximum	0.19 - 0.304
Control test value ± U (k=2)	0.242 ± 0.0484

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.066	0.022	29	-5.46	H
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.20255	0.03646	88.9	-0.85	
LC0007	-	-	-	-	
LC0008	0.21	0.084	92.2	-0.6	
LC0009	-	-	-	-	
LC0010	0.218	0.019	95.7	-0.33	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.258	0.019	113	1.02	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.304	0.04	133	2.58	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.23	0.058	101	0.08	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.197	0.039	86.5	-1.04	
LC0027	0.19	0.038	83.4	-1.27	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.24	0.072	105	0.41	

Characteristics of parameter

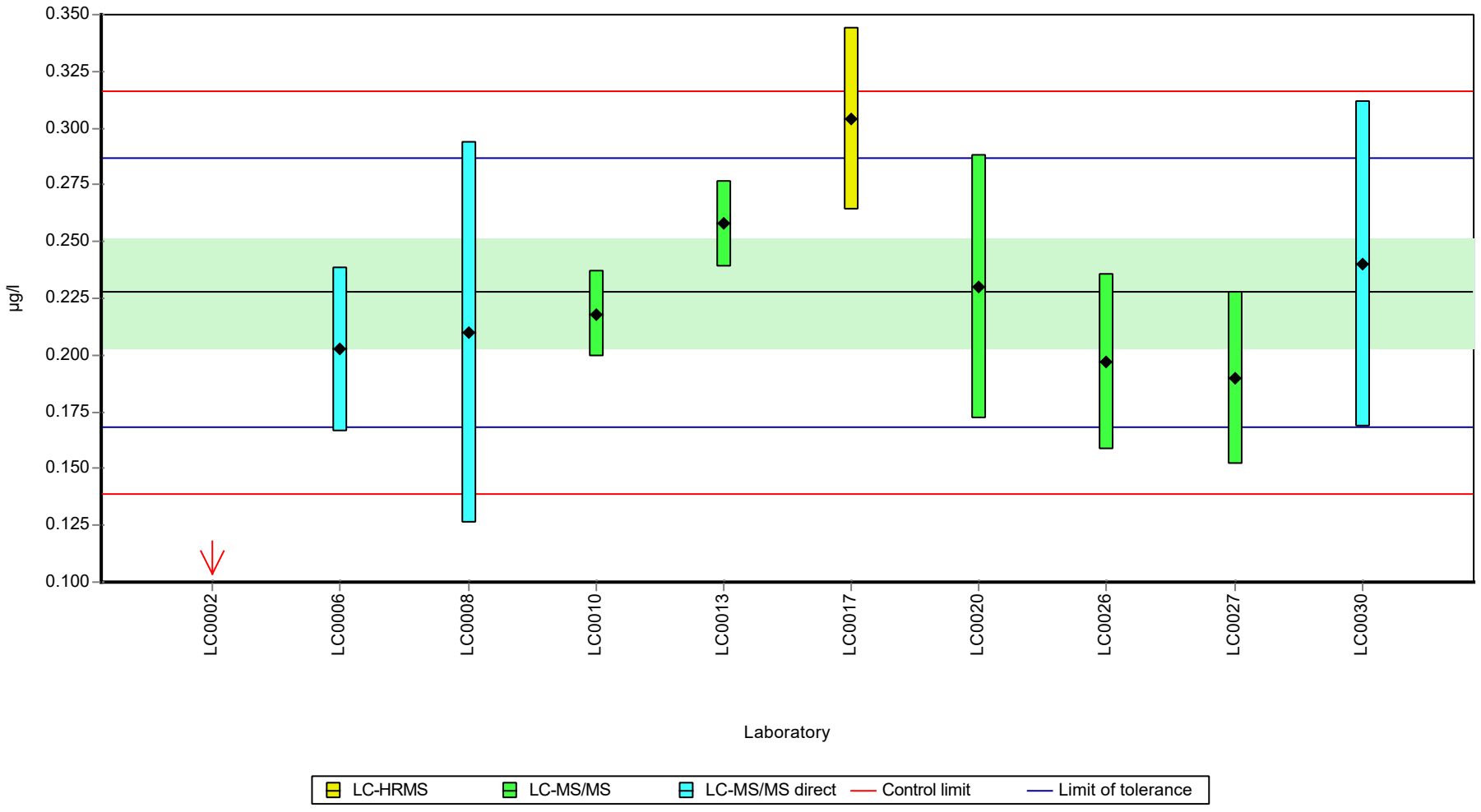
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.212 ± 0.0582	0.228 ± 0.0359	µg/l
Minimum	0.066	0.19	µg/l
Maximum	0.304	0.304	µg/l
Standard deviation	0.0613	0.0359	µg/l
rel. standard deviation	29	15.8	%
n	10	9	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Alachlor-t-sulfonic acid (Alachlor-ESA)

Graphical presentation of results

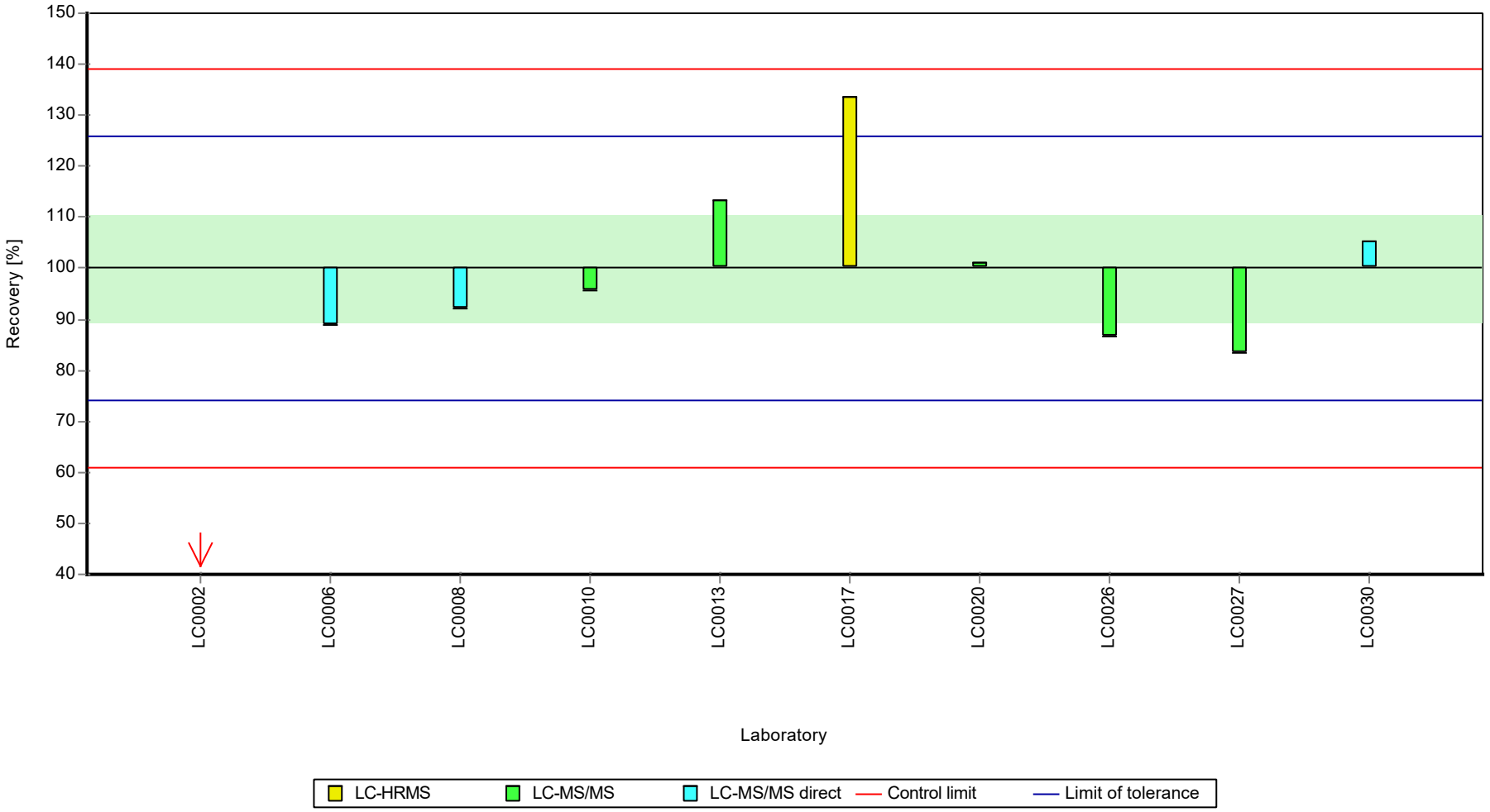
Results



Parameter oriented report Pesticides H116

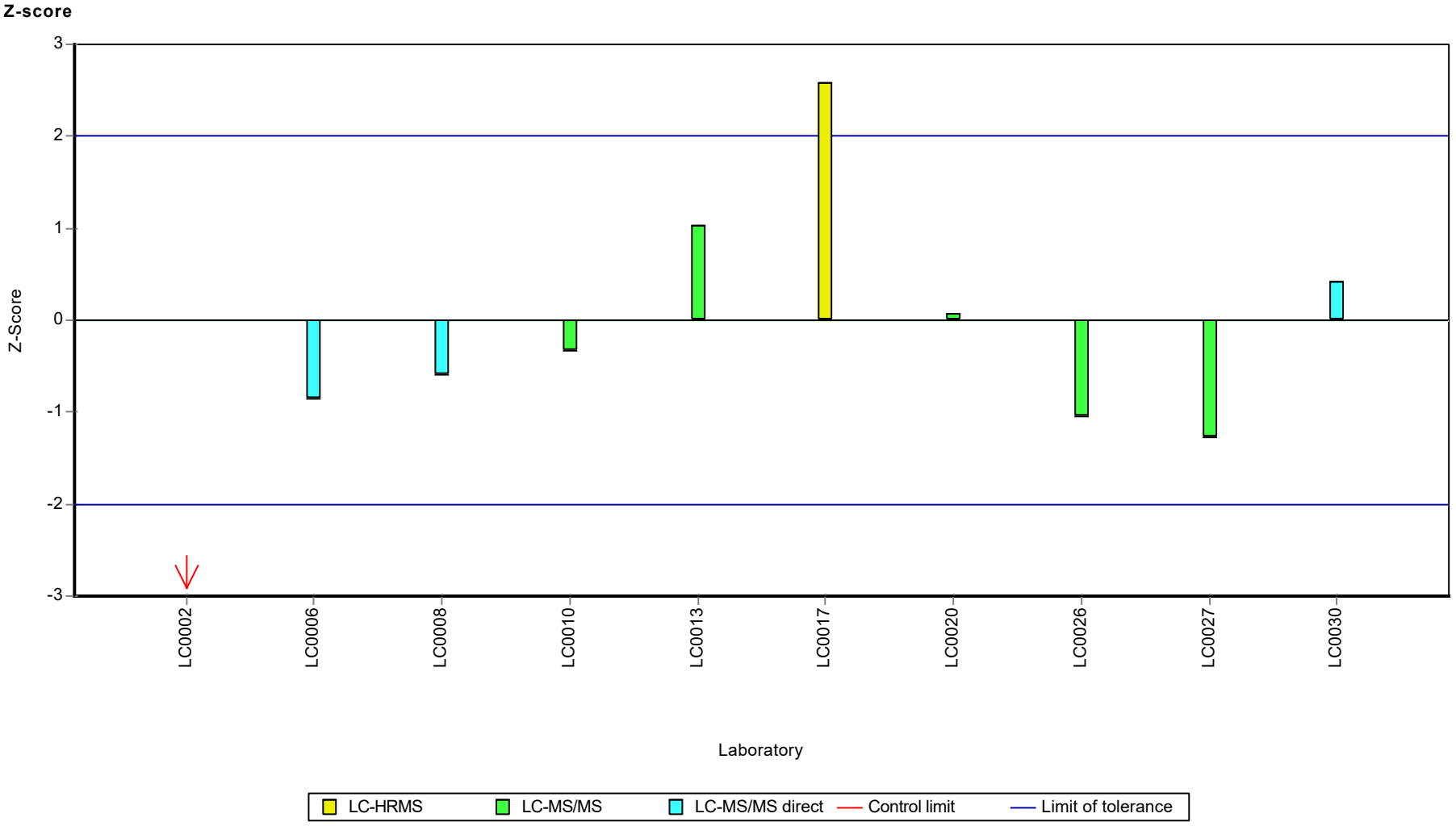
Sample: H116A, Parameter: Alachlor-t-sulfonic acid (Alachlor-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Alachlor-t-sulfonic acid (Alachlor-ESA)



Parameter oriented report

H116 B

Alachlor-t-sulfonic acid (Alachlor-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.565 ± 0.0979
Criterion	0.153 (27 %)
Minimum - Maximum	0.236 - 0.78
Control test value ± U (k=2)	0.651 ± 0.13

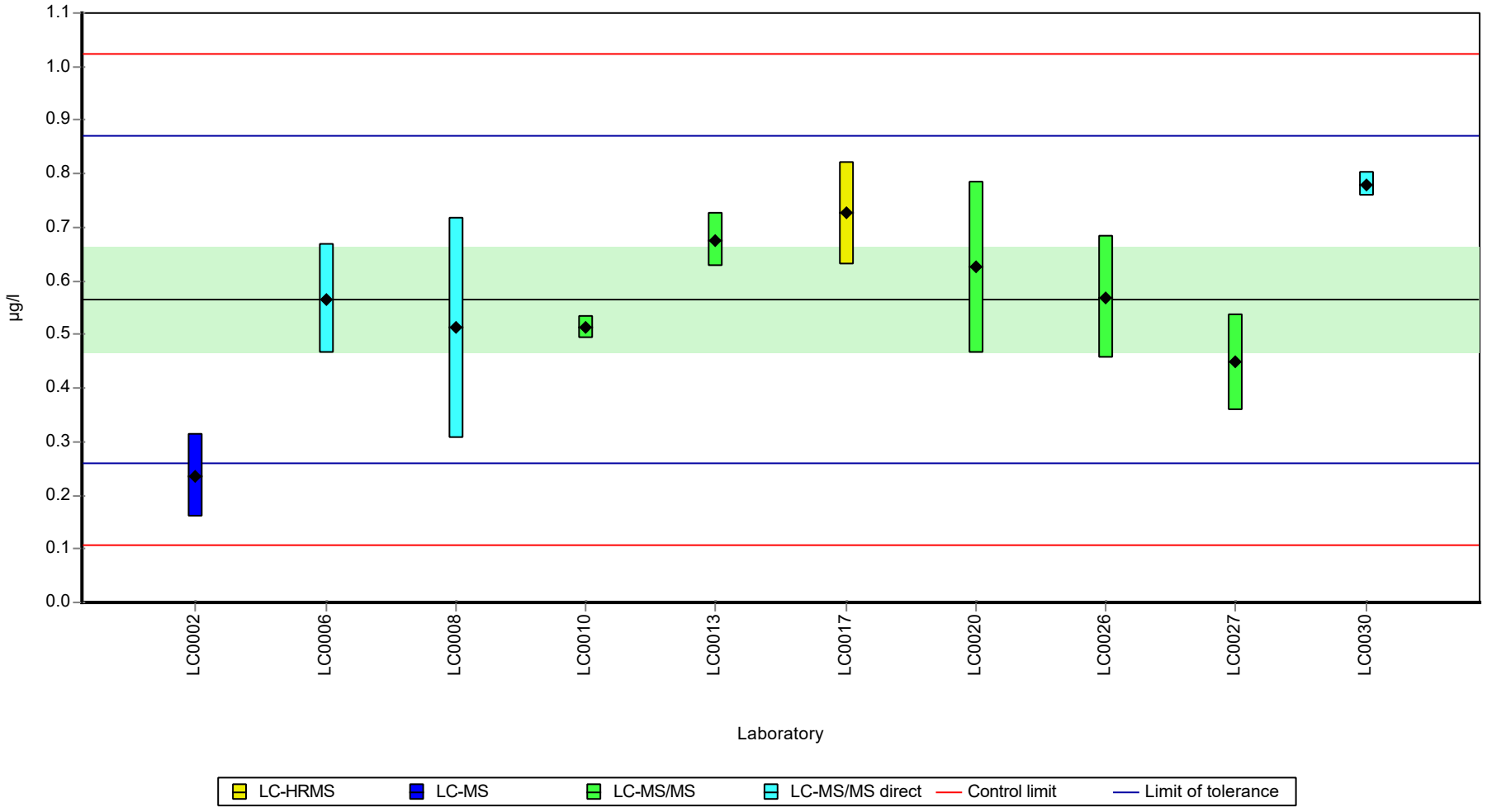
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.236	0.078	41.8	-2.16	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.56678	0.10202	100	0.01	
LC0007	-	-	-	-	
LC0008	0.512	0.205	90.6	-0.35	
LC0009	-	-	-	-	
LC0010	0.513	0.022	90.8	-0.34	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.676	0.051	120	0.73	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.726	0.096	128	1.05	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.625	0.16	111	0.39	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.569	0.114	101	0.03	
LC0027	0.448	0.09	79.3	-0.77	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	0.78	0.023	138	1.41	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.565 ± 0.147	0.565 ± 0.147	µg/l
Minimum	0.236	0.236	µg/l
Maximum	0.78	0.78	µg/l
Standard deviation	0.155	0.155	µg/l
rel. standard deviation	27.4	27.4	%
n	10	10	-

Graphical presentation of results

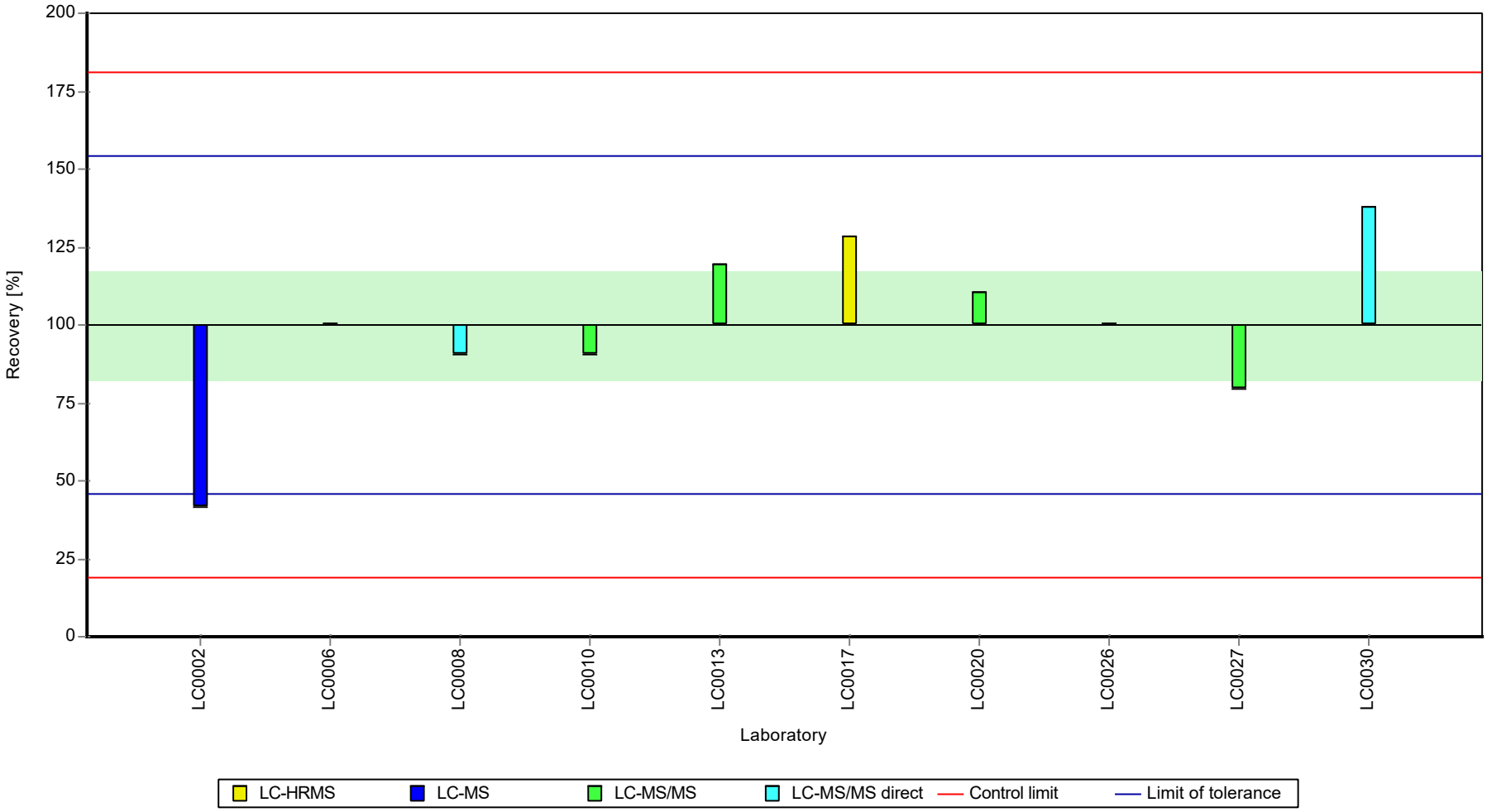
Results



Parameter oriented report Pesticides H116

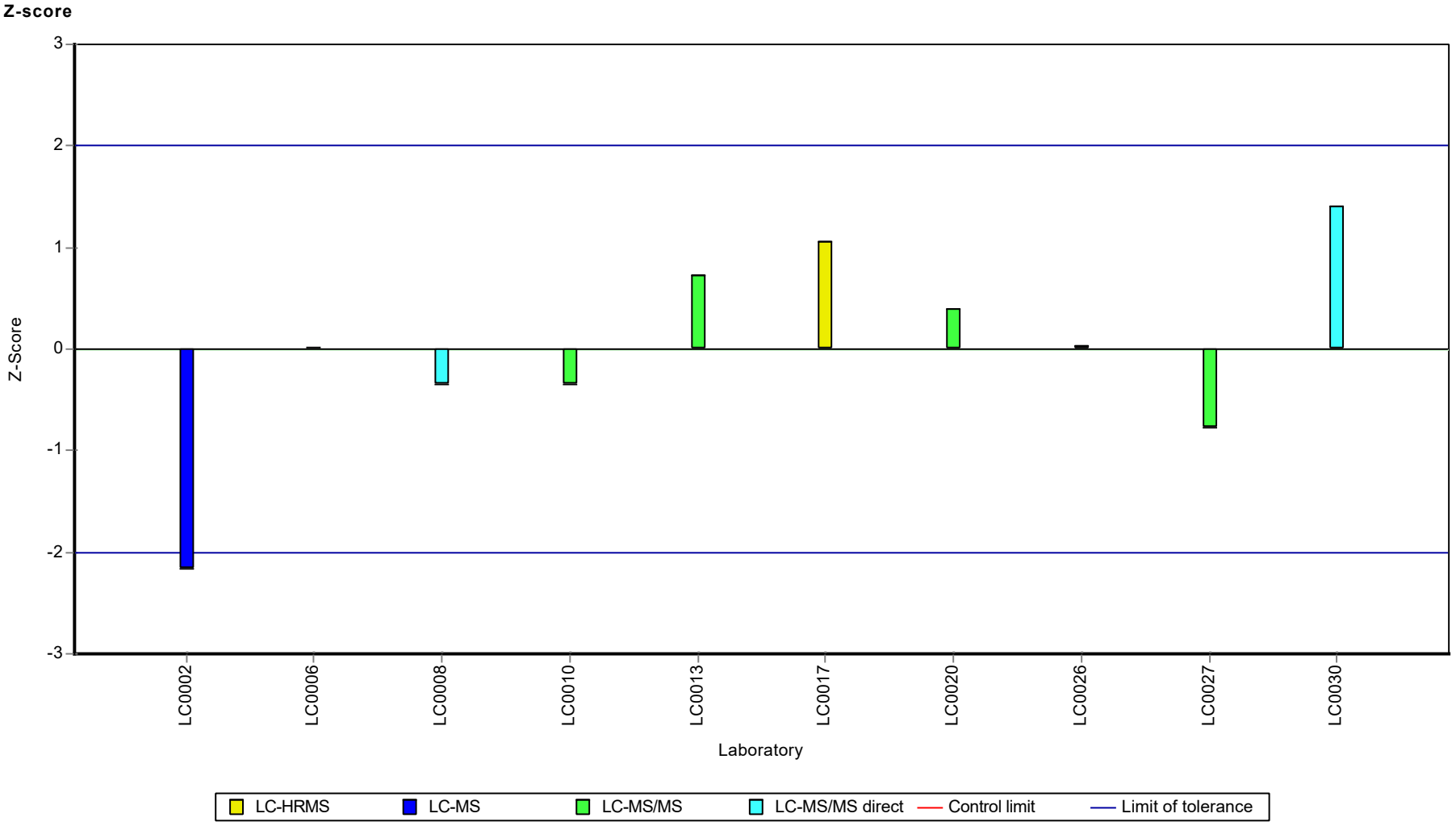
Sample: H116B, Parameter: Alachlor-t-sulfonic acid (Alachlor-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Alachlor-t-sulfonic acid (Alachlor-ESA)



Parameter oriented report

H116 A

AMPA

Unit	µg/l
Assigned value ± U (k=2)	0.132 ± 0.00728
Criterion	0.0171 (13 %)
Minimum - Maximum	0.11 - 0.16
Control test value ± U (k=2)	0.107 ± 0.032

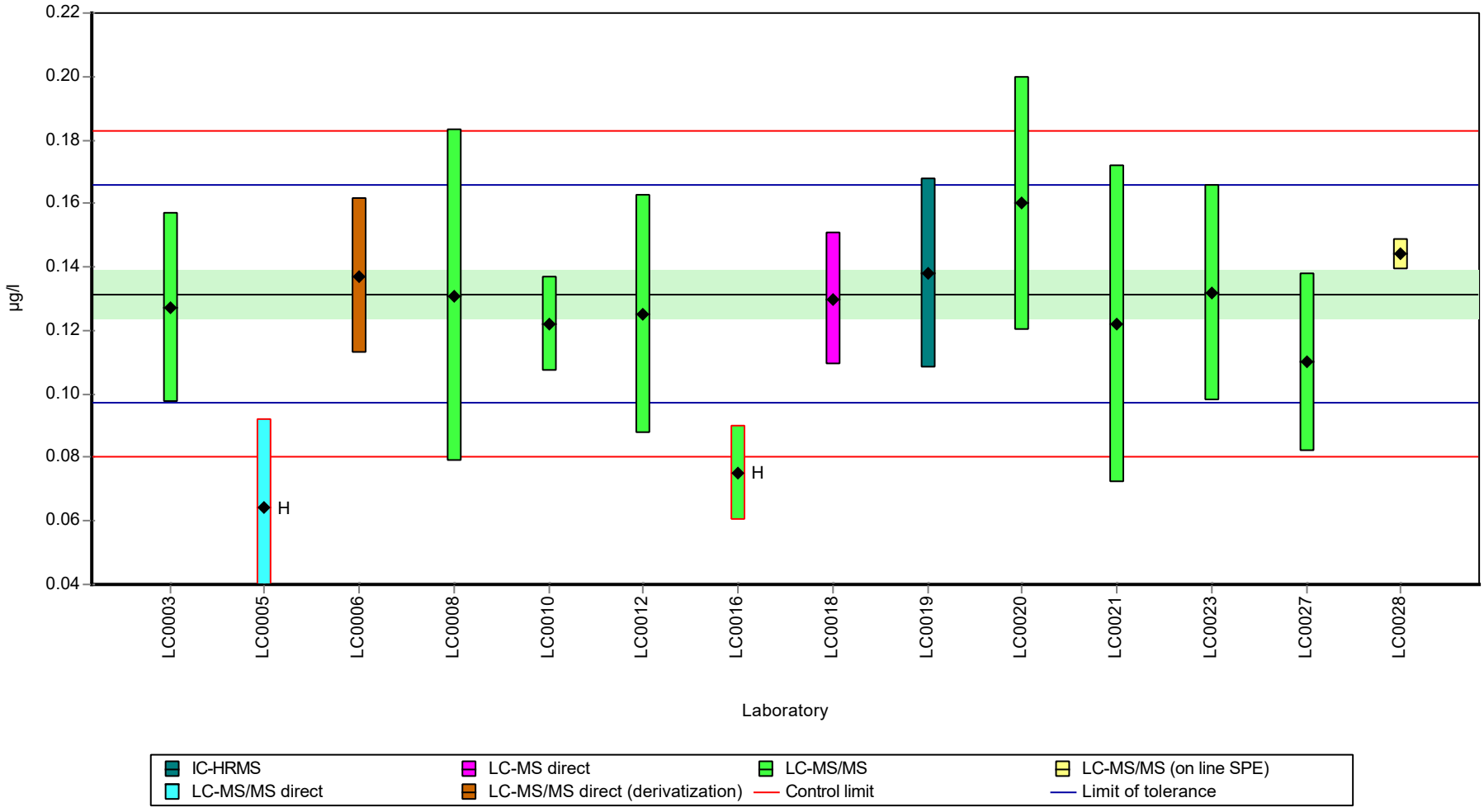
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.127	0.03	96.6	-0.26	
LC0004	-	-	-	-	
LC0005	0.064	0.028	48.7	-3.95	H
LC0006	0.13721	0.0247	104	0.33	
LC0007	-	-	-	-	
LC0008	0.131	0.0525	99.6	-0.03	
LC0009	-	-	-	-	
LC0010	0.122	0.015	92.8	-0.56	
LC0011	-	-	-	-	
LC0012	0.125	0.0375	95	-0.38	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.075	0.015	57	-3.31	H
LC0017	-	-	-	-	
LC0018	0.13	0.021	98.8	-0.09	
LC0019	0.138	0.03	105	0.38	
LC0020	0.16	0.04	122	1.67	
LC0021	0.1221	0.05	92.8	-0.55	
LC0022	-	-	-	-	
LC0023	0.132	0.034	100	0.03	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.11	0.028	83.6	-1.26	
LC0028	0.144	0.005	109	0.73	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.123 ± 0.0204	0.132 ± 0.0109	µg/l
Minimum	0.064	0.11	µg/l
Maximum	0.16	0.16	µg/l
Standard deviation	0.0254	0.0126	µg/l
rel. standard deviation	20.7	9.59	%
n	14	12	-

Graphical presentation of results

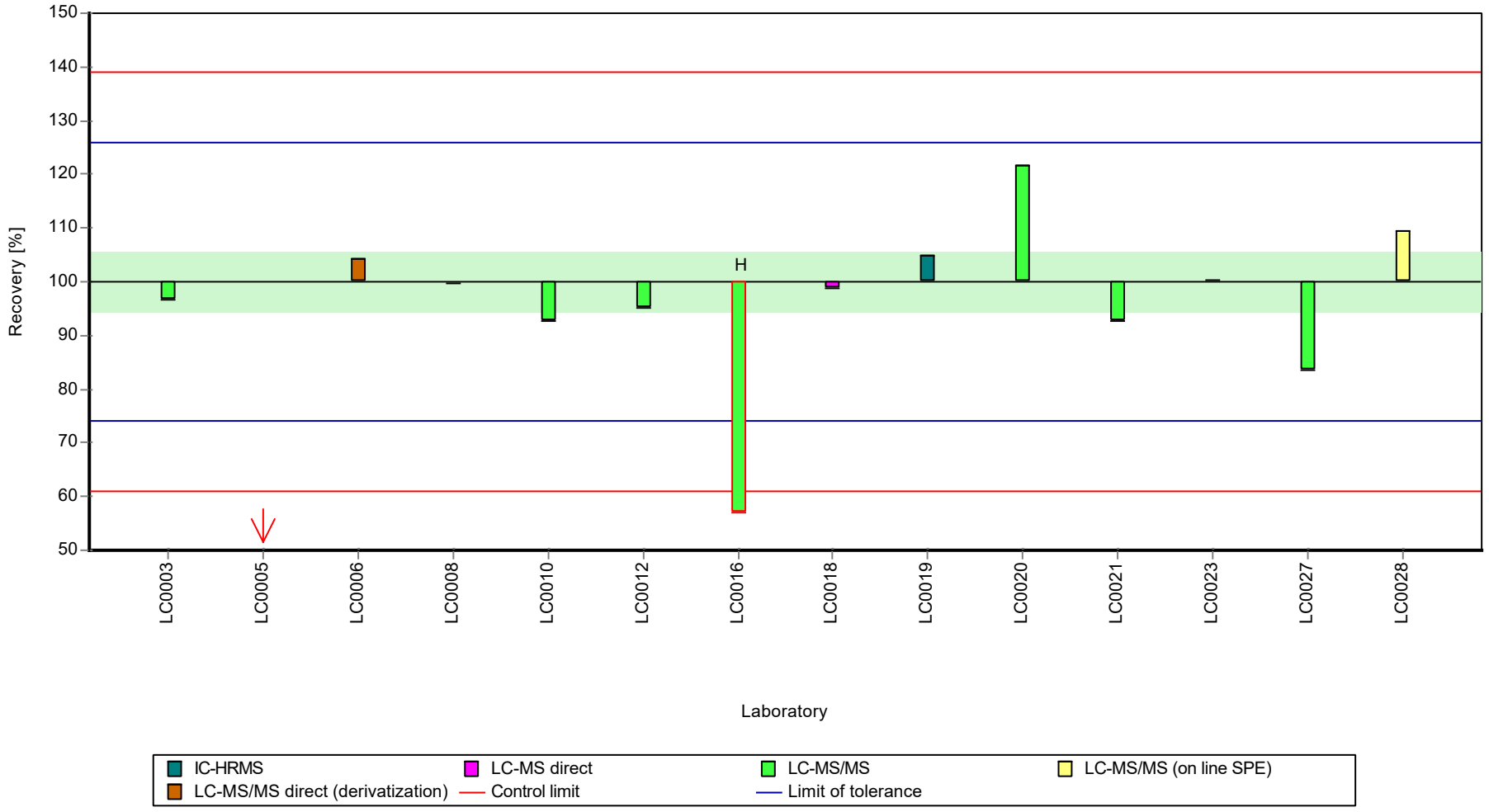
Results



Parameter oriented report Pesticides H116

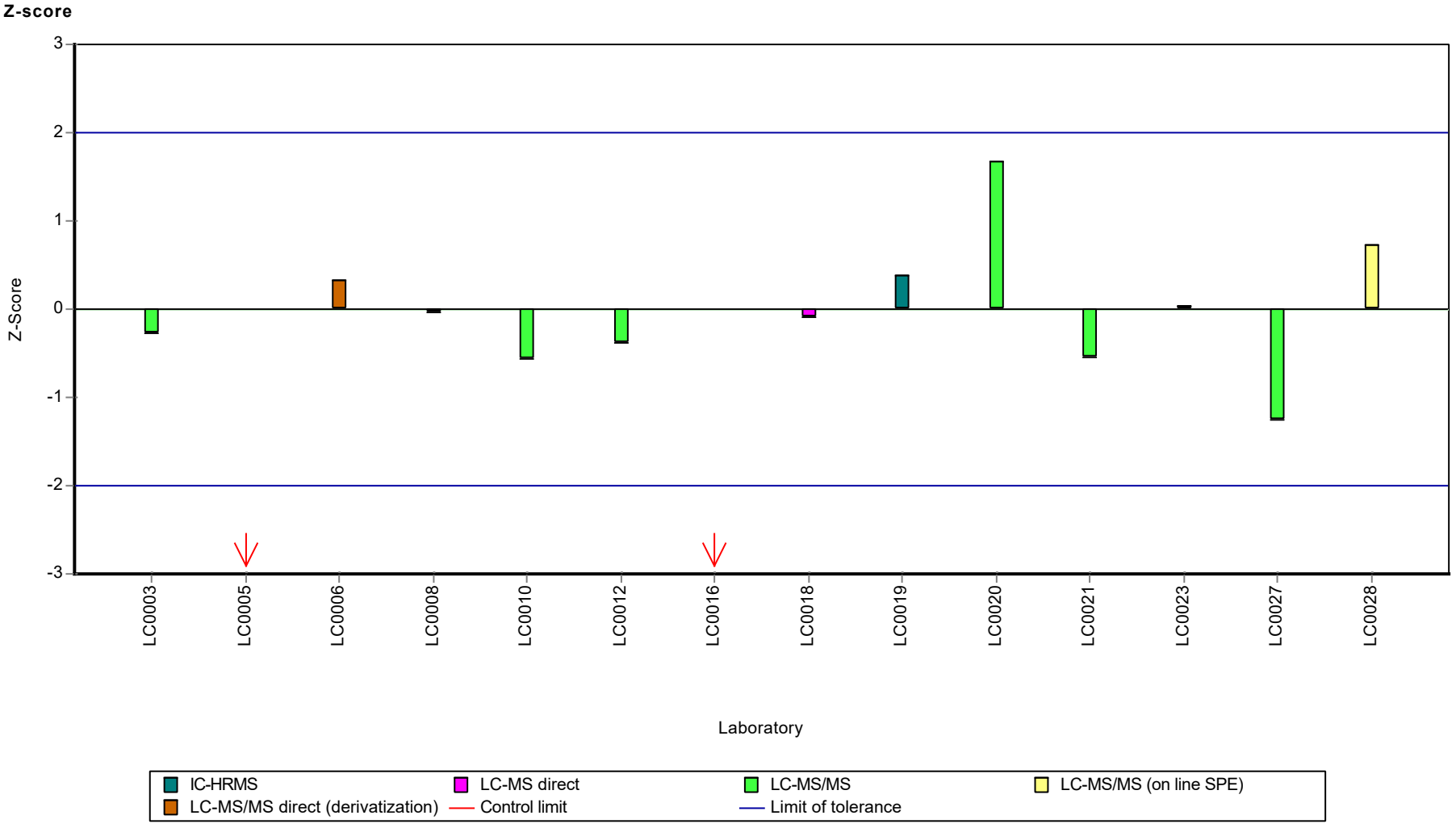
Sample: H116A, Parameter: AMPA

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: AMPA



Parameter oriented report

H116 B

AMPA

Unit	µg/l
Assigned value ± U (k=2)	0.621 ± 0.0318
Criterion	0.0808 (13 %)
Minimum - Maximum	0.513 - 0.72
Control test value ± U (k=2)	0.597 ± 0.179

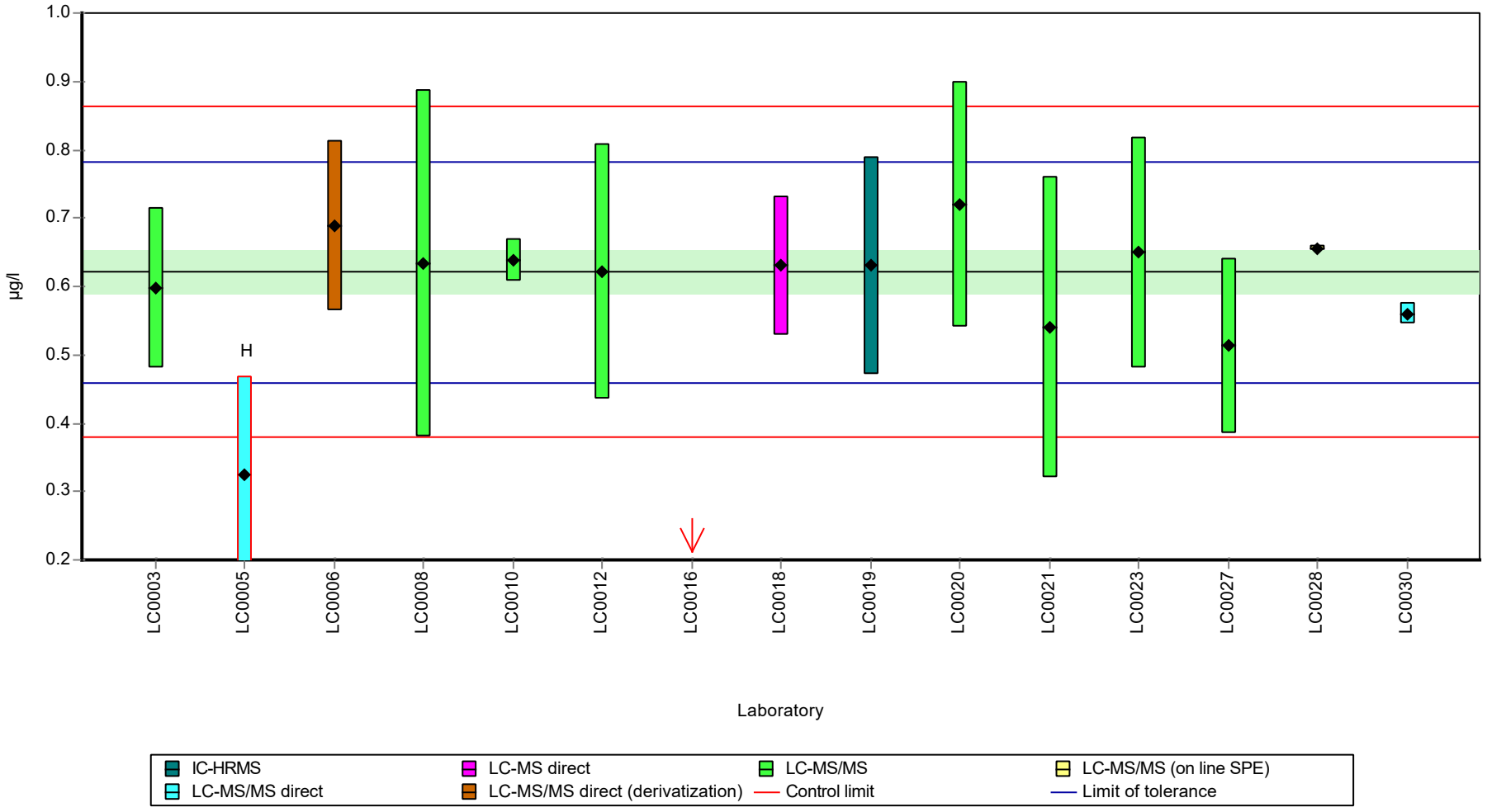
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.598	0.117	96.2	-0.29	
LC0004	-	-	-	-	
LC0005	0.325	0.143	52.3	-3.67	H
LC0006	0.68845	0.12392	111	0.83	
LC0007	-	-	-	-	
LC0008	0.634	0.254	102	0.16	
LC0009	-	-	-	-	
LC0010	0.638	0.032	103	0.21	
LC0011	-	-	-	-	
LC0012	0.621	0.1863	99.9	-0.01	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.142	0.028	22.9	-5.93	H
LC0017	-	-	-	-	
LC0018	0.63	0.101	101	0.11	
LC0019	0.63	0.16	101	0.11	
LC0020	0.72	0.18	116	1.22	
LC0021	0.5401	0.2196	86.9	-1.01	
LC0022	-	-	-	-	
LC0023	0.65	0.169	105	0.35	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.513	0.128	82.6	-1.34	
LC0028	0.656	0.004	106	0.43	
LC0029	-	-	-	-	
LC0030	0.56	0.016	90.1	-0.76	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.57 ± 0.117	0.621 ± 0.0477	µg/l
Minimum	0.142	0.513	µg/l
Maximum	0.72	0.72	µg/l
Standard deviation	0.15	0.0574	µg/l
rel. standard deviation	26.4	9.23	%
n	15	13	-

Graphical presentation of results

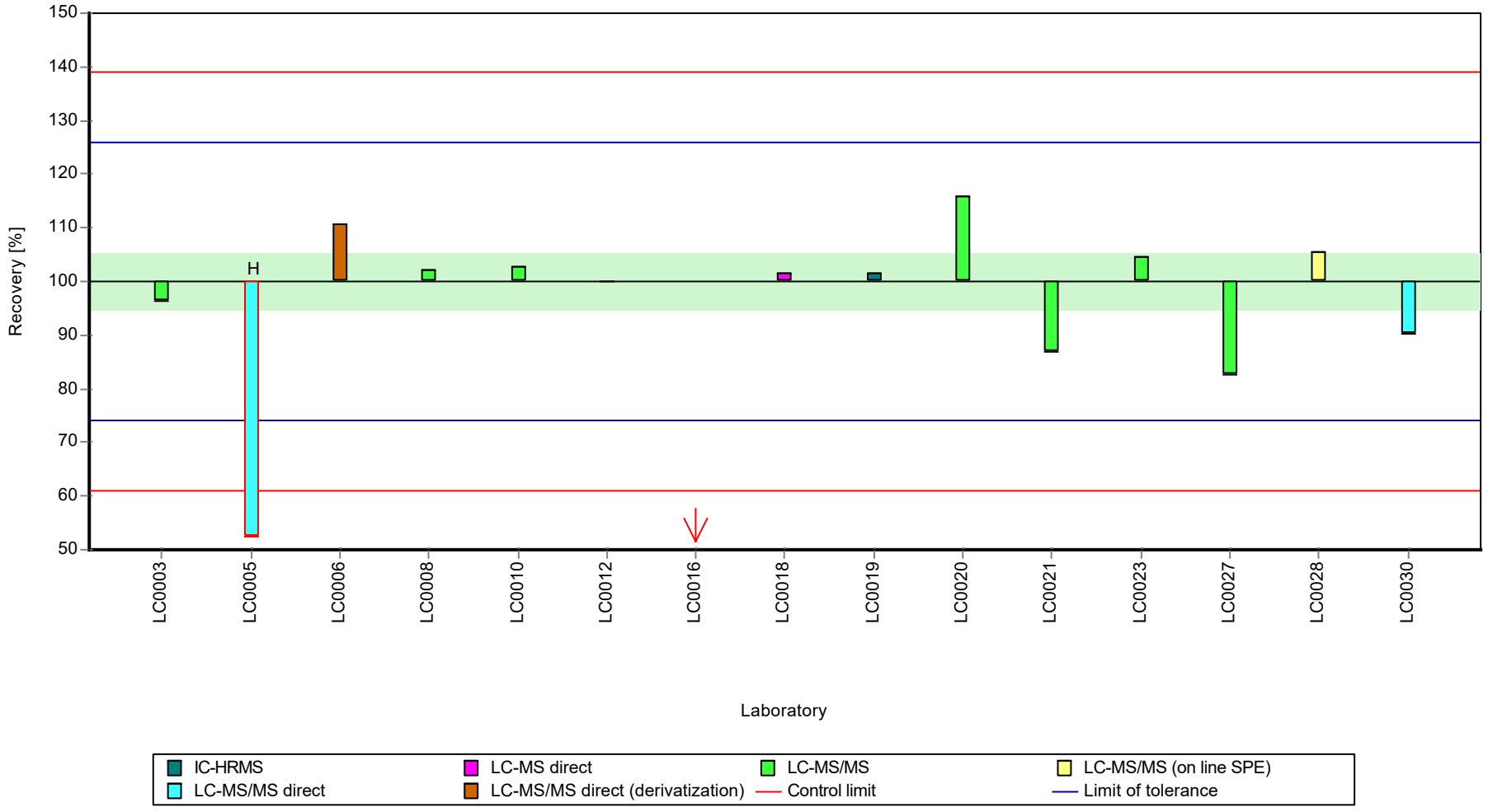
Results



Parameter oriented report Pesticides H116

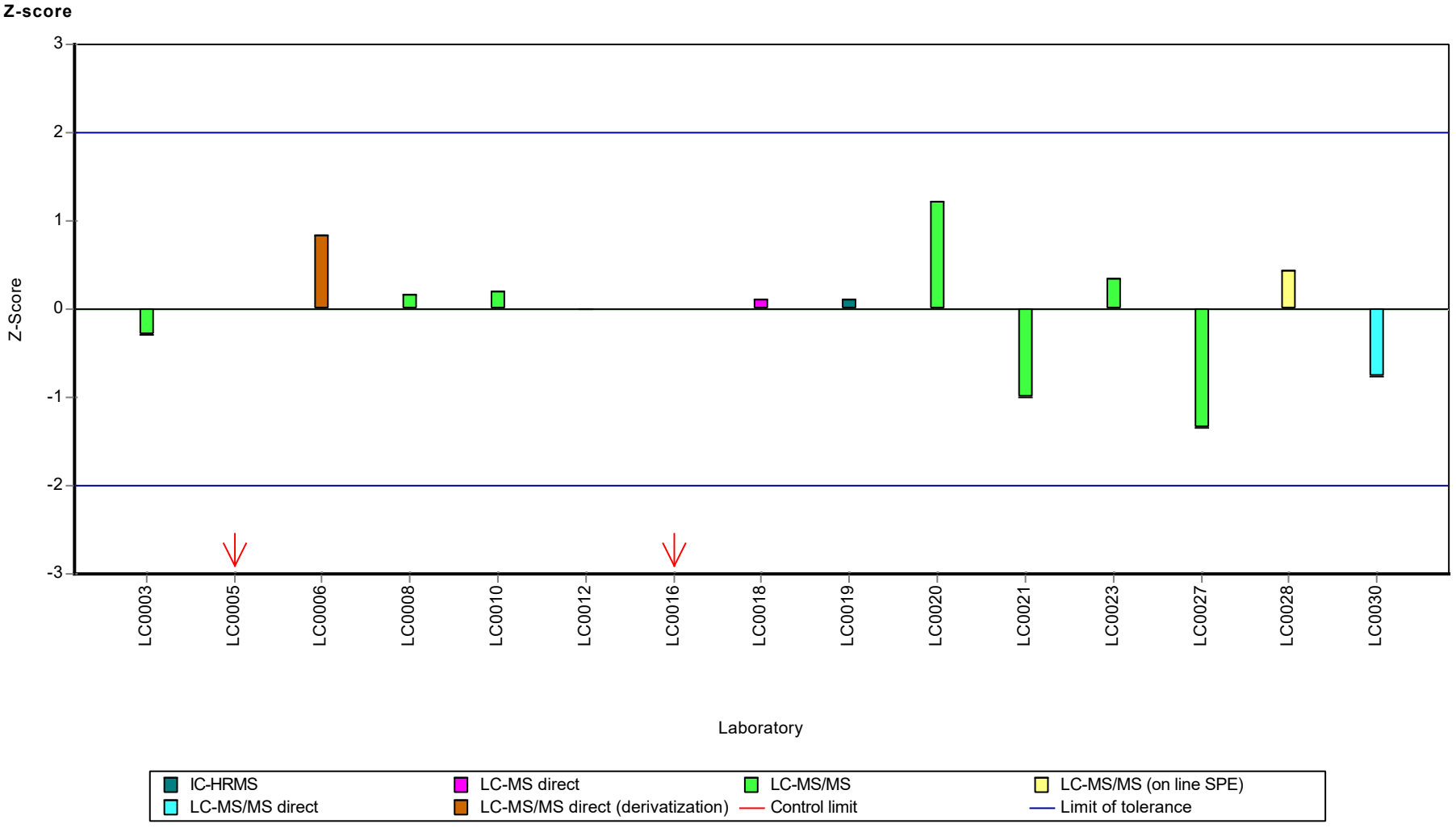
Sample: H116B, Parameter: AMPA

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: AMPA



Parameter oriented report

H116 A

Bentazone

Unit	µg/l
Assigned value ± U (k=2)	0.24 ± 0.00899
Criterion	0.0361 (15 %)
Minimum - Maximum	0.203 - 0.277
Control test value ± U (k=2)	0.259 ± 0.0389

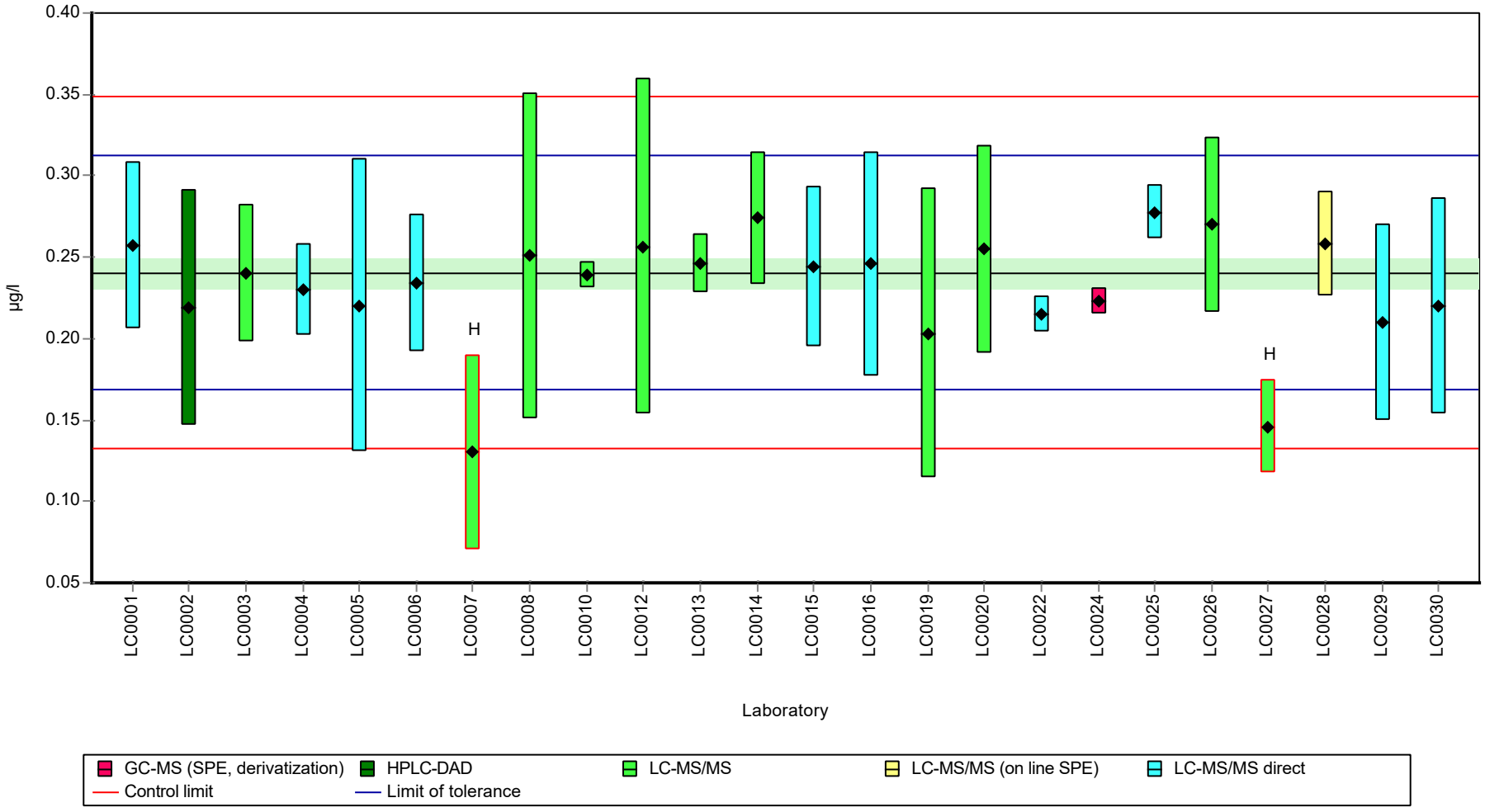
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.257	0.051	107	0.46	
LC0002	0.219	0.072	91.1	-0.59	
LC0003	0.24	0.042	99.8	-0.01	
LC0004	0.23	0.028	95.7	-0.29	
LC0005	0.22	0.09	91.5	-0.57	
LC0006	0.23434	0.04218	97.5	-0.17	
LC0007	0.13	0.06	54.1	-3.06	H
LC0008	0.251	0.1	104	0.29	
LC0009	-	-	-	-	
LC0010	0.239	0.008	99.4	-0.04	
LC0011	-	-	-	-	
LC0012	0.2565	0.103	107	0.45	
LC0013	0.246	0.018	102	0.16	
LC0014	0.274	0.041	114	0.93	
LC0015	0.244	0.049	102	0.1	
LC0016	0.246	0.069	102	0.16	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.203	0.089	84.5	-1.04	
LC0020	0.255	0.064	106	0.41	
LC0021	-	-	-	-	
LC0022	0.215	0.011	89.4	-0.7	
LC0023	-	-	-	-	
LC0024	0.223	0.008	92.8	-0.48	
LC0025	0.27745	0.01651	115	1.03	
LC0026	0.27	0.054	112	0.82	
LC0027	0.146	0.029	60.7	-2.62	H
LC0028	0.258	0.032	107	0.49	
LC0029	0.21	0.06	87.4	-0.84	
LC0030	0.22	0.066	91.5	-0.57	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.232 ± 0.0216	0.24 ± 0.0135	µg/l
Minimum	0.13	0.203	µg/l
Maximum	0.277	0.277	µg/l
Standard deviation	0.0353	0.0211	µg/l
rel. standard deviation	15.2	8.77	%
n	24	22	-

Graphical presentation of results

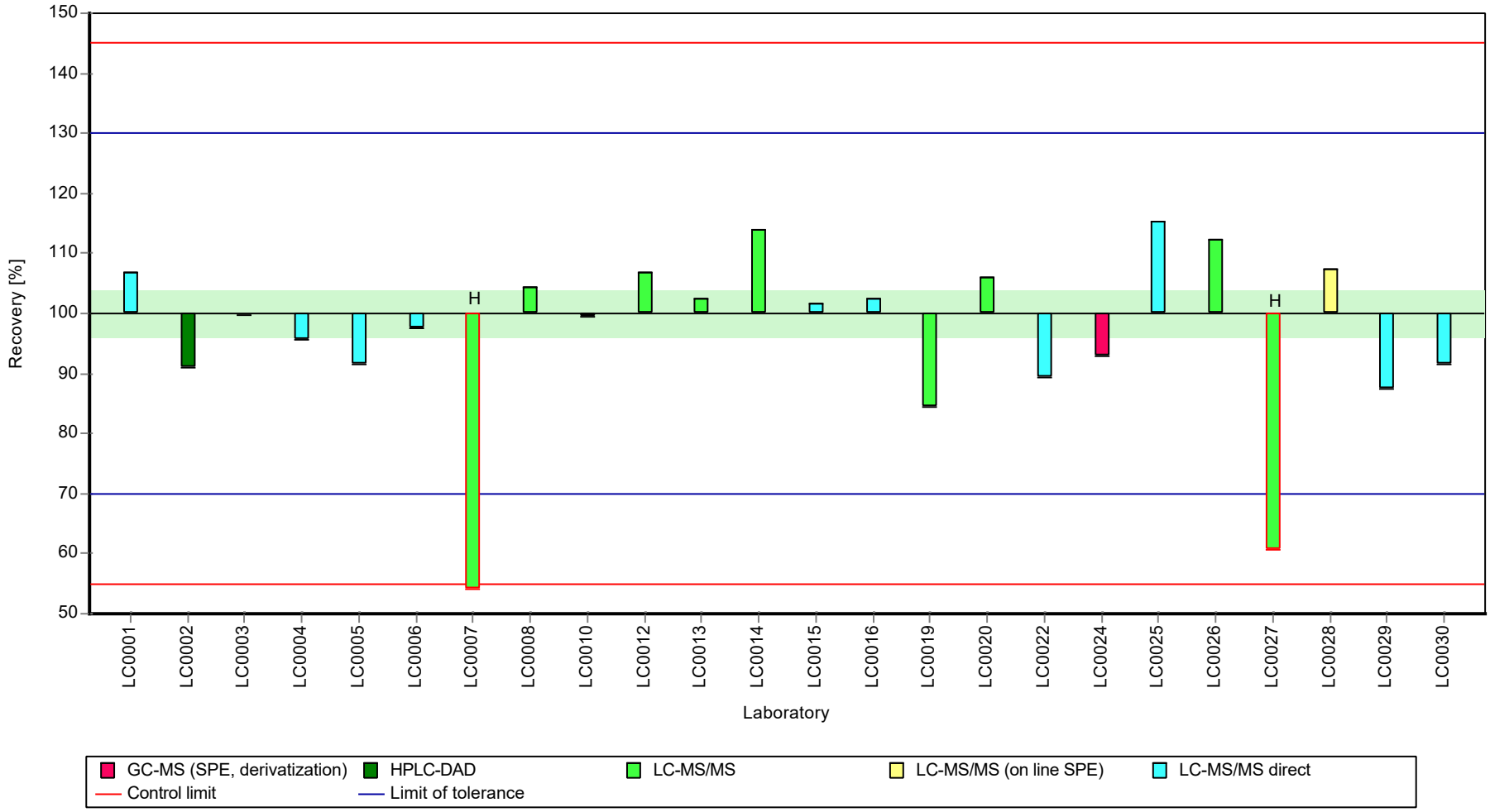
Results



Parameter oriented report Pesticides H116

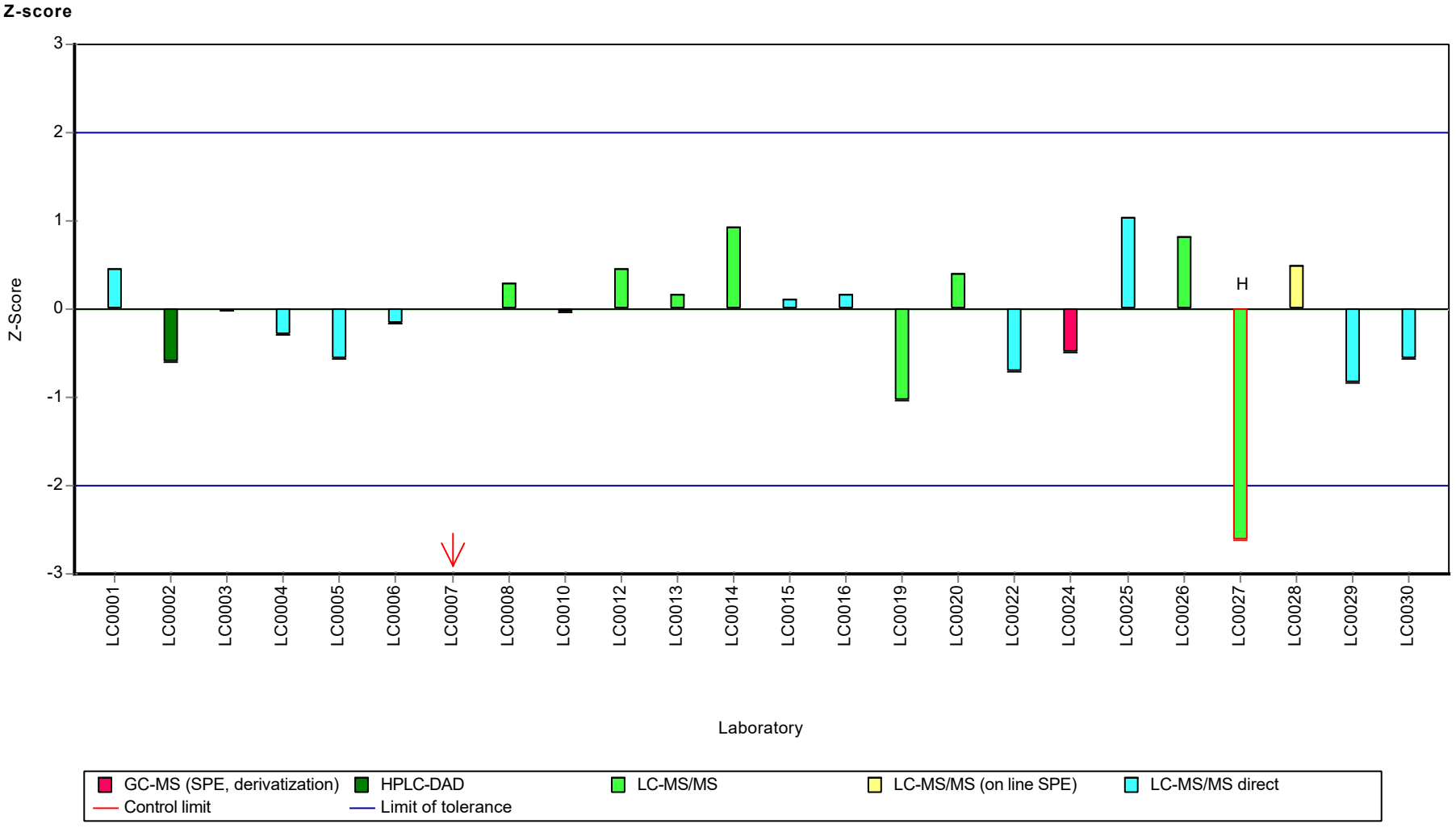
Sample: H116A, Parameter: Bentazone

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Bentazone



Parameter oriented report

H116 B

Bentazone

Unit	µg/l
Assigned value ± U (k=2)	0.551 ± 0.0202
Criterion	0.0826 (15 %)
Minimum - Maximum	0.441 - 0.638
Control test value ± U (k=2)	0.614 ± 0.092

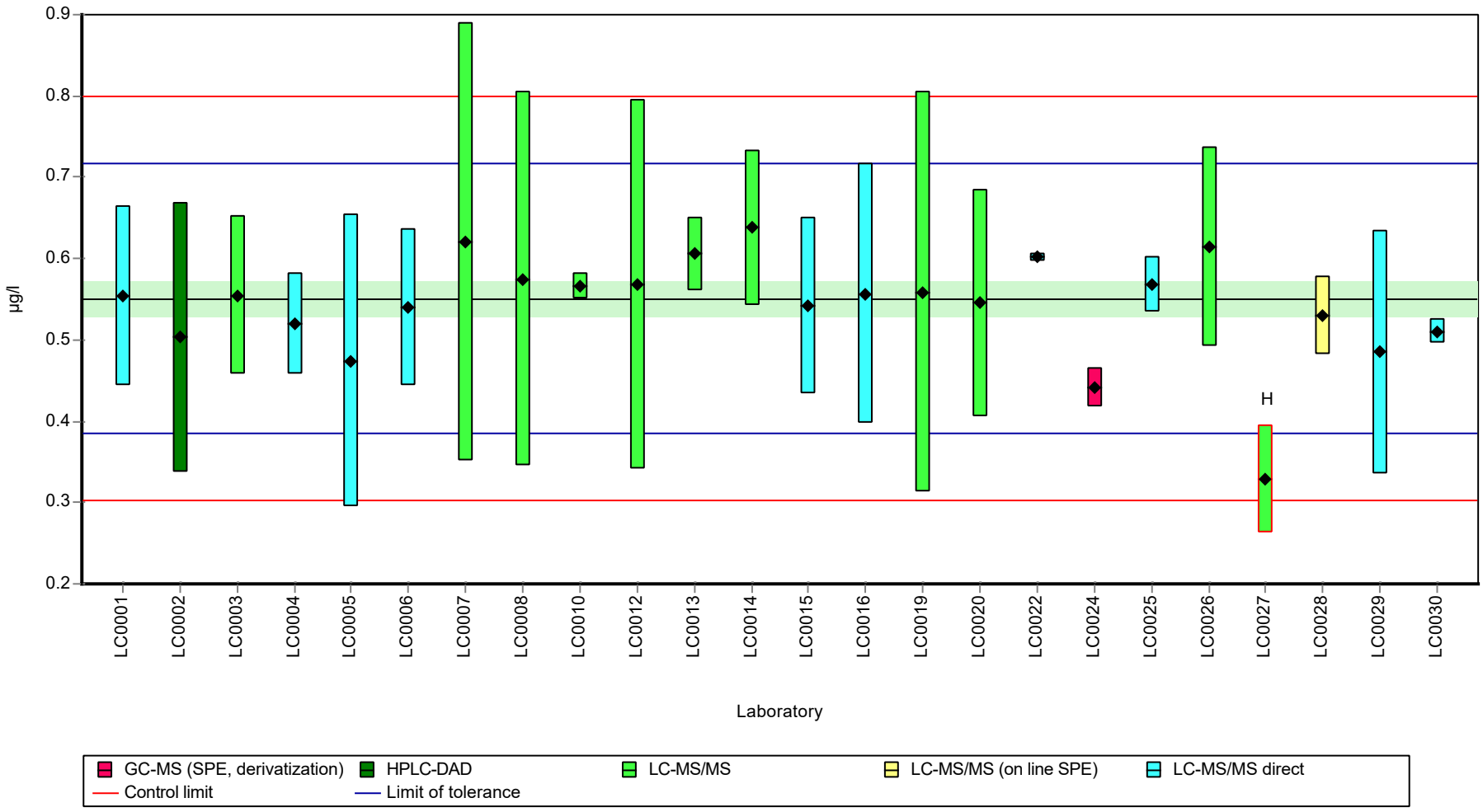
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.554	0.111	101	0.04	
LC0002	0.503	0.166	91.3	-0.58	
LC0003	0.555	0.097	101	0.05	
LC0004	0.52	0.063	94.4	-0.38	
LC0005	0.474	0.18	86	-0.93	
LC0006	0.54019	0.09723	98	-0.13	
LC0007	0.62	0.27	113	0.83	
LC0008	0.575	0.23	104	0.29	
LC0009	-	-	-	-	
LC0010	0.567	0.016	103	0.19	
LC0011	-	-	-	-	
LC0012	0.5679	0.227	103	0.2	
LC0013	0.606	0.045	110	0.67	
LC0014	0.638	0.096	116	1.05	
LC0015	0.542	0.108	98.4	-0.11	
LC0016	0.557	0.16	101	0.07	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.559	0.246	101	0.1	
LC0020	0.545	0.14	98.9	-0.07	
LC0021	-	-	-	-	
LC0022	0.602	0.005	109	0.62	
LC0023	-	-	-	-	
LC0024	0.441	0.024	80	-1.33	
LC0025	0.5678	0.03378	103	0.2	
LC0026	0.614	0.123	111	0.76	
LC0027	0.329	0.066	59.7	-2.69	H
LC0028	0.53	0.049	96.2	-0.25	
LC0029	0.485	0.15	88	-0.8	
LC0030	0.51	0.015	92.6	-0.5	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.542 ± 0.0401	0.551 ± 0.0303	µg/l
Minimum	0.329	0.441	µg/l
Maximum	0.638	0.638	µg/l
Standard deviation	0.0655	0.0484	µg/l
rel. standard deviation	12.1	8.78	%
n	24	23	-

Graphical presentation of results

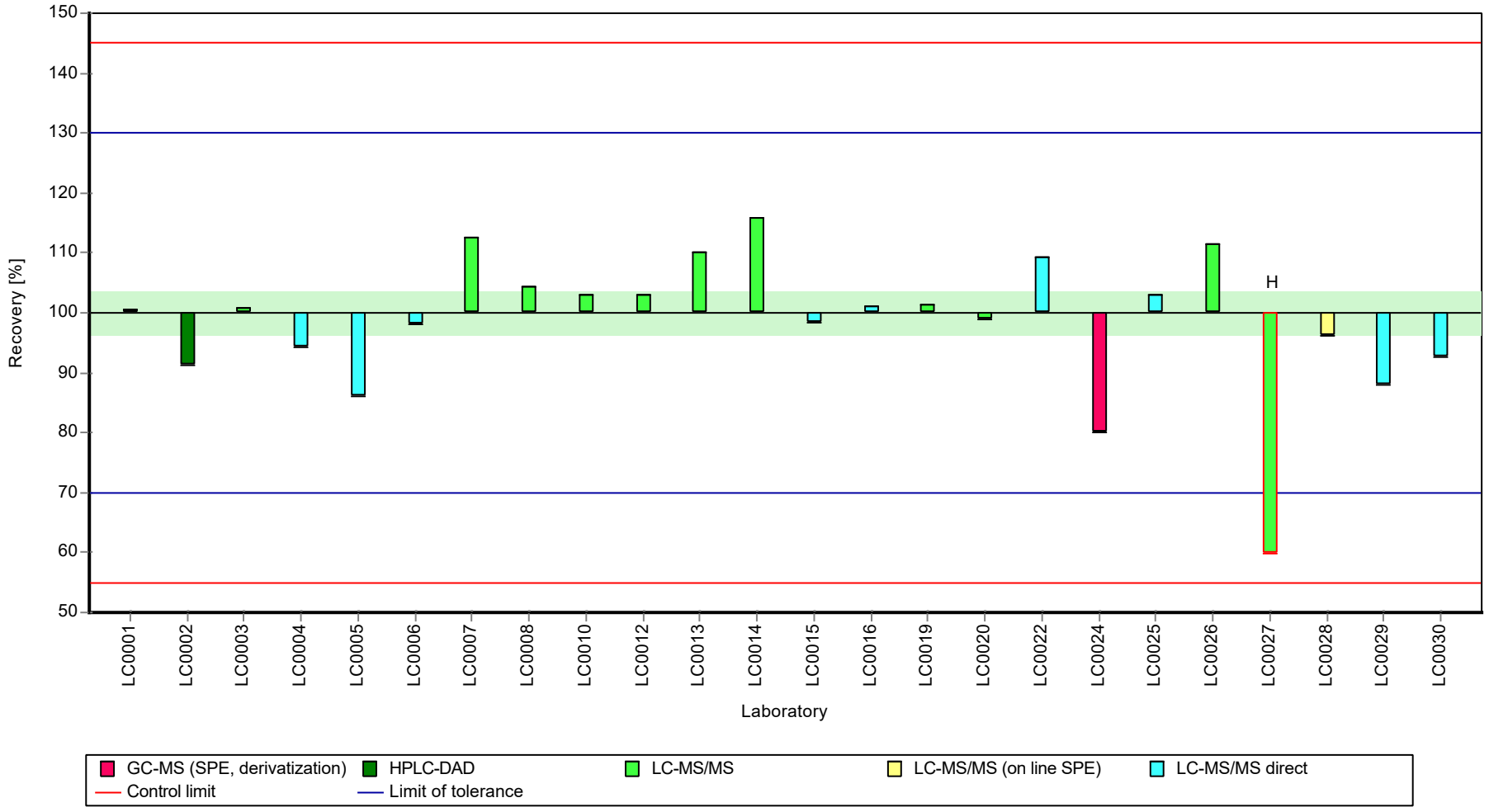
Results



Parameter oriented report Pesticides H116

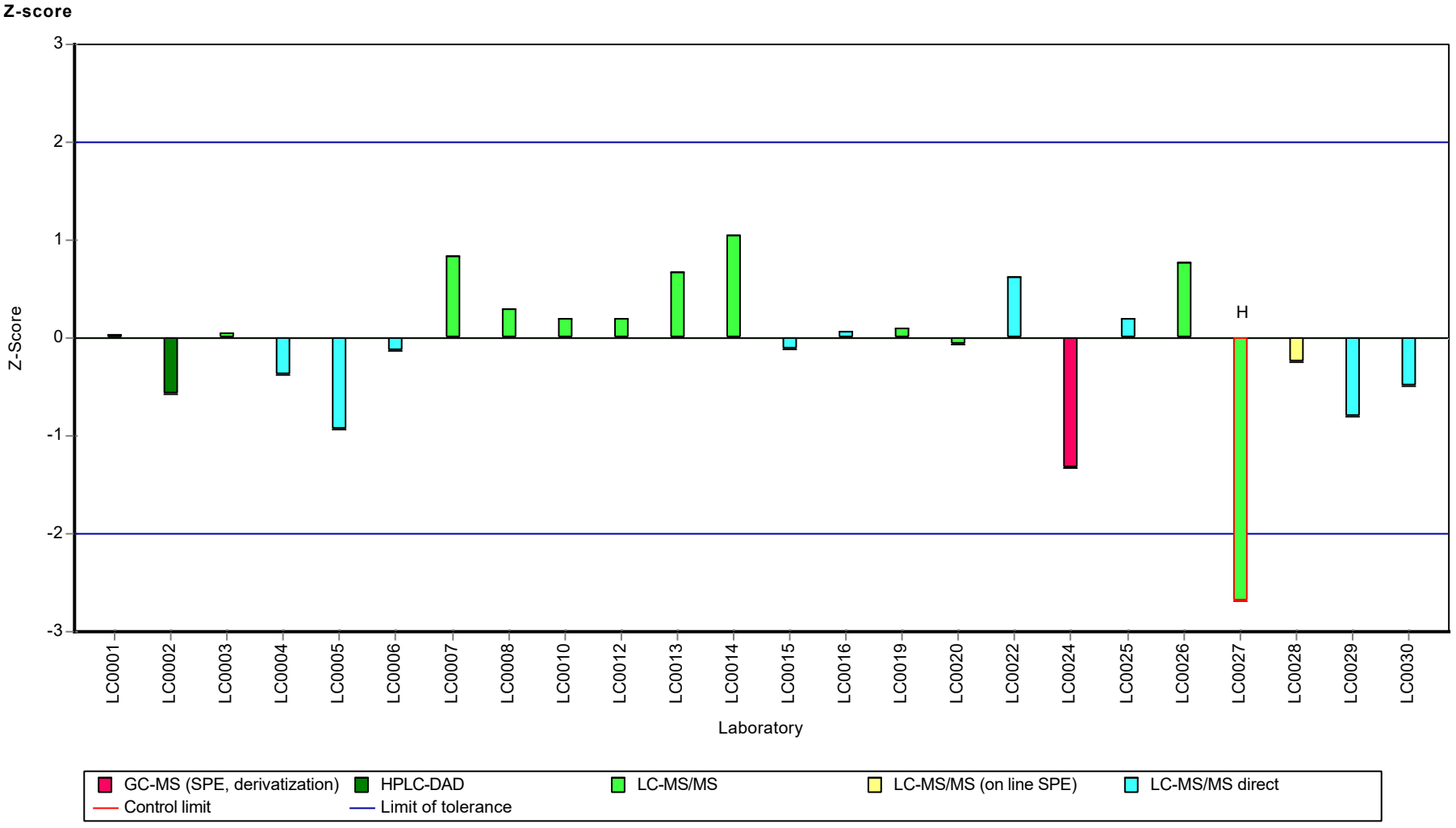
Sample: H116B, Parameter: Bentazone

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Bentazone



Parameter oriented report

H116 A

**Chlorothalonil-4-hydroxy

Unit	µg/l
Assigned value ± U (k=2)	0.33 ± 0.0162
Criterion	0.033 (10 %)
Minimum - Maximum	0.31 - 0.372
Control test value ± U (k=2)	0.260 ± 0.13

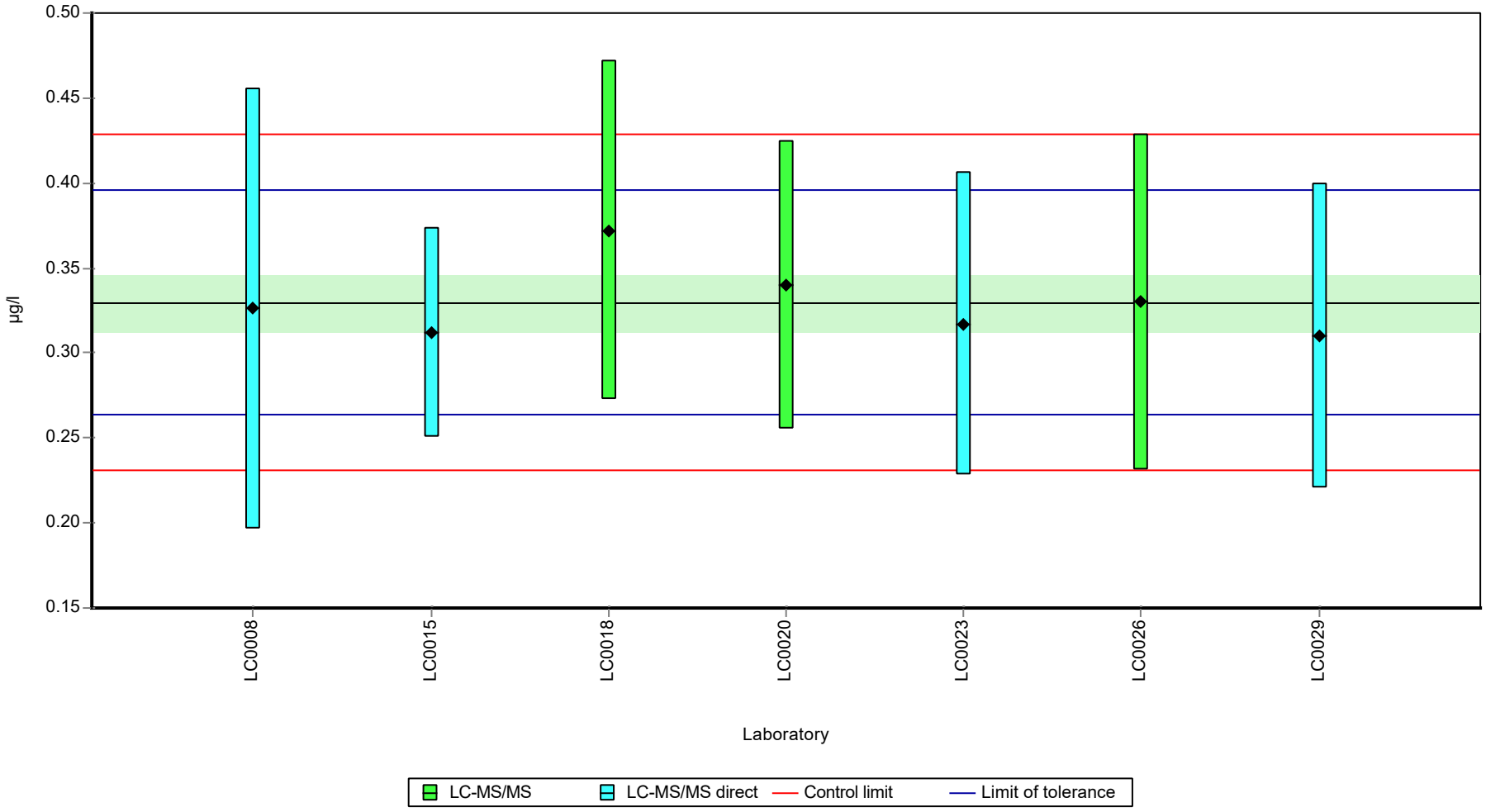
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.326	0.13	98.9	-0.11	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.312	0.062	94.7	-0.53	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.372	0.1	113	1.29	
LC0019	-	-	-	-	
LC0020	0.34	0.085	103	0.32	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.317	0.089	96.2	-0.38	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.33	0.099	100	0.01	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.31	0.09	94.1	-0.59	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.33 ± 0.0244	0.33 ± 0.0244	µg/l
Minimum	0.31	0.31	µg/l
Maximum	0.372	0.372	µg/l
Standard deviation	0.0215	0.0215	µg/l
rel. standard deviation	6.52	6.52	%
n	7	7	-

Graphical presentation of results

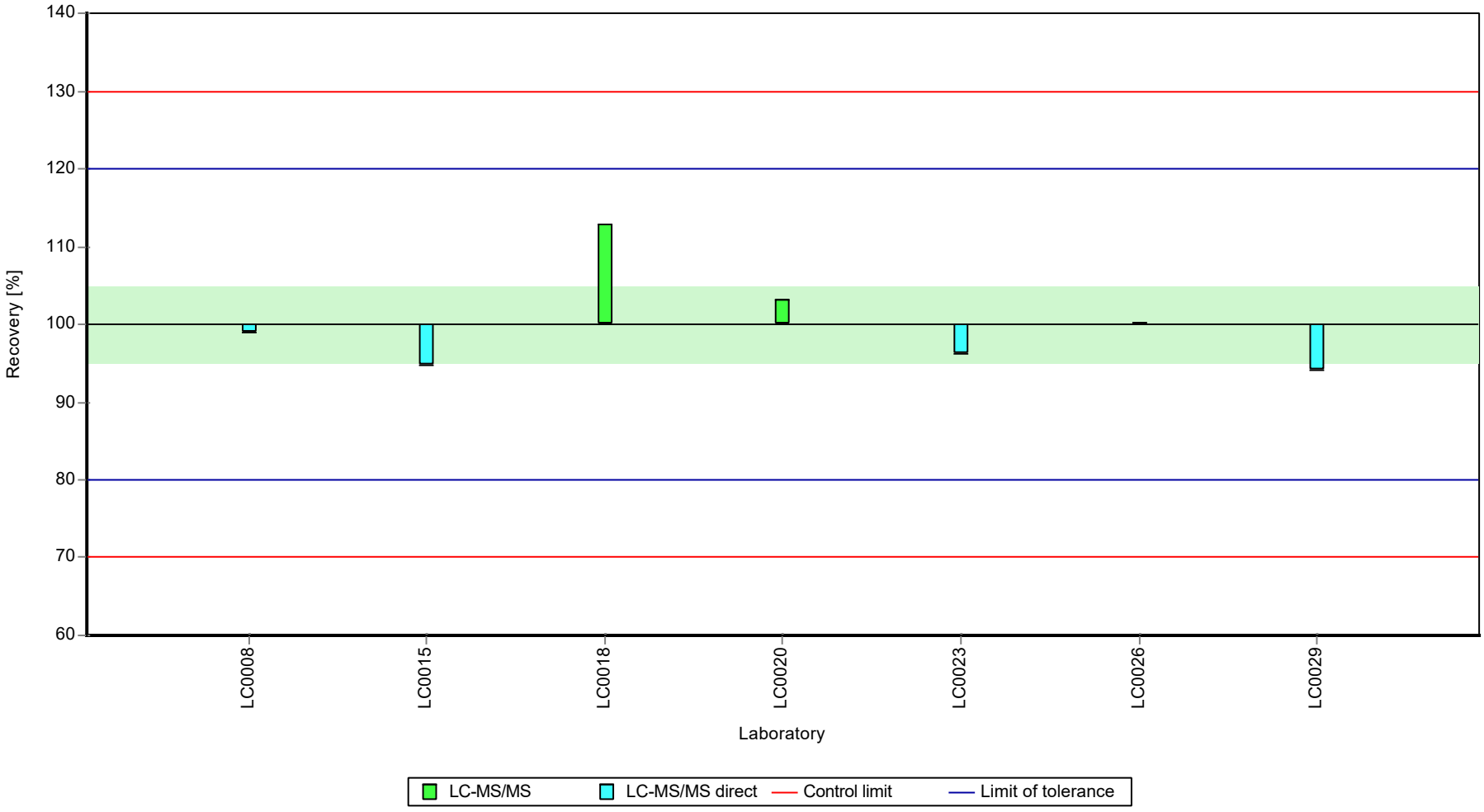
Results

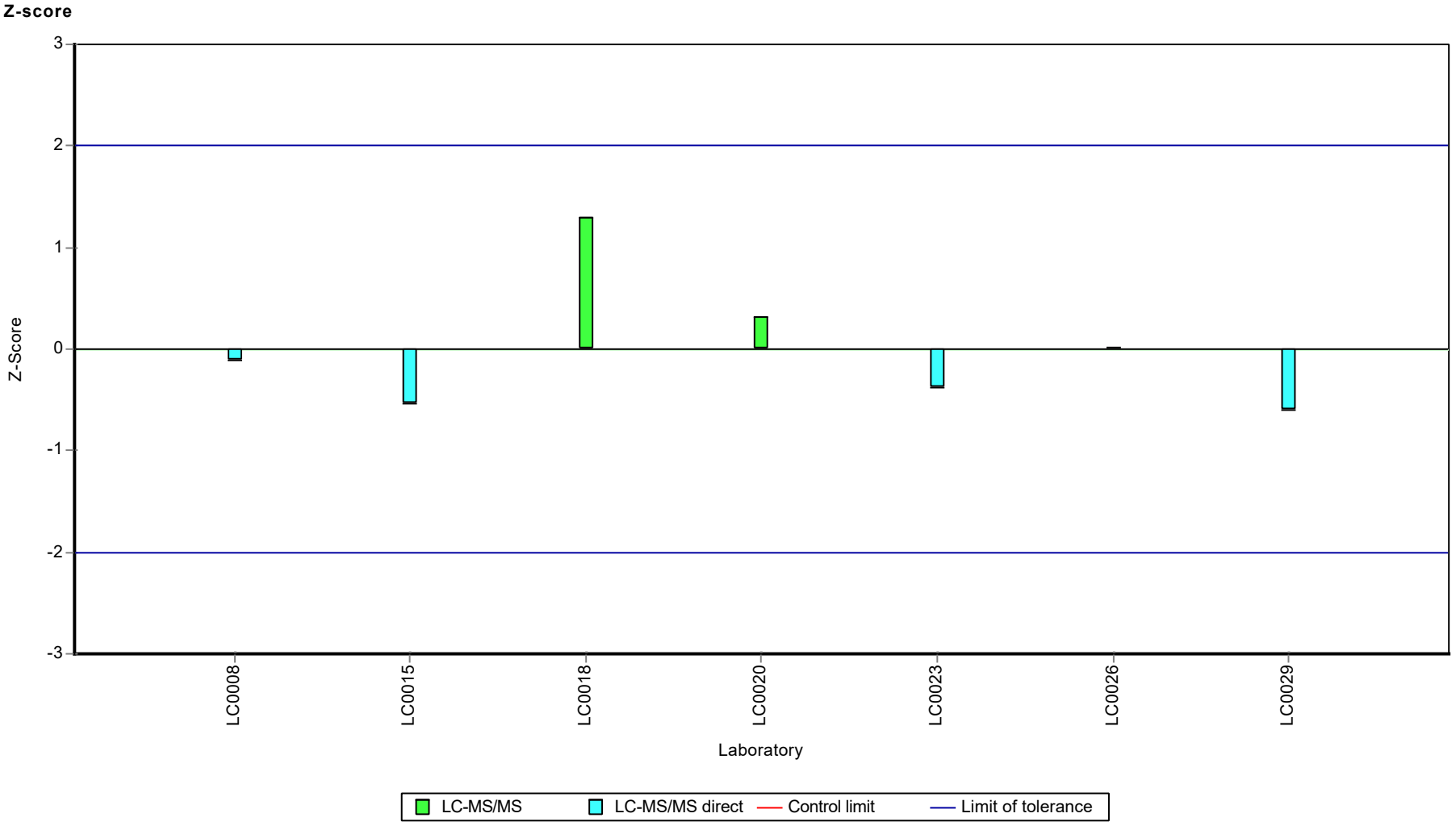


Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil-4-hydroxy

Recovery rate




Z-score
3
2
1
0
-1
-2
-3
Z-Score
LC0008
LC0015
LC0018
LC0020
LC0023
LC0026
LC0029
Laboratory
LC-MS/MS
LC-MS/MS direct
Control limit
Limit of tolerance

Parameter oriented report

H116 B

**Chlorothalonil-4-hydroxy

Unit	µg/l
Assigned value ± U (k=2)	0.911 ± 0.033
Criterion	0.0911 (10 %)
Minimum - Maximum	0.85 - 0.983
Control test value ± U (k=2)	0.723 ± 0.361

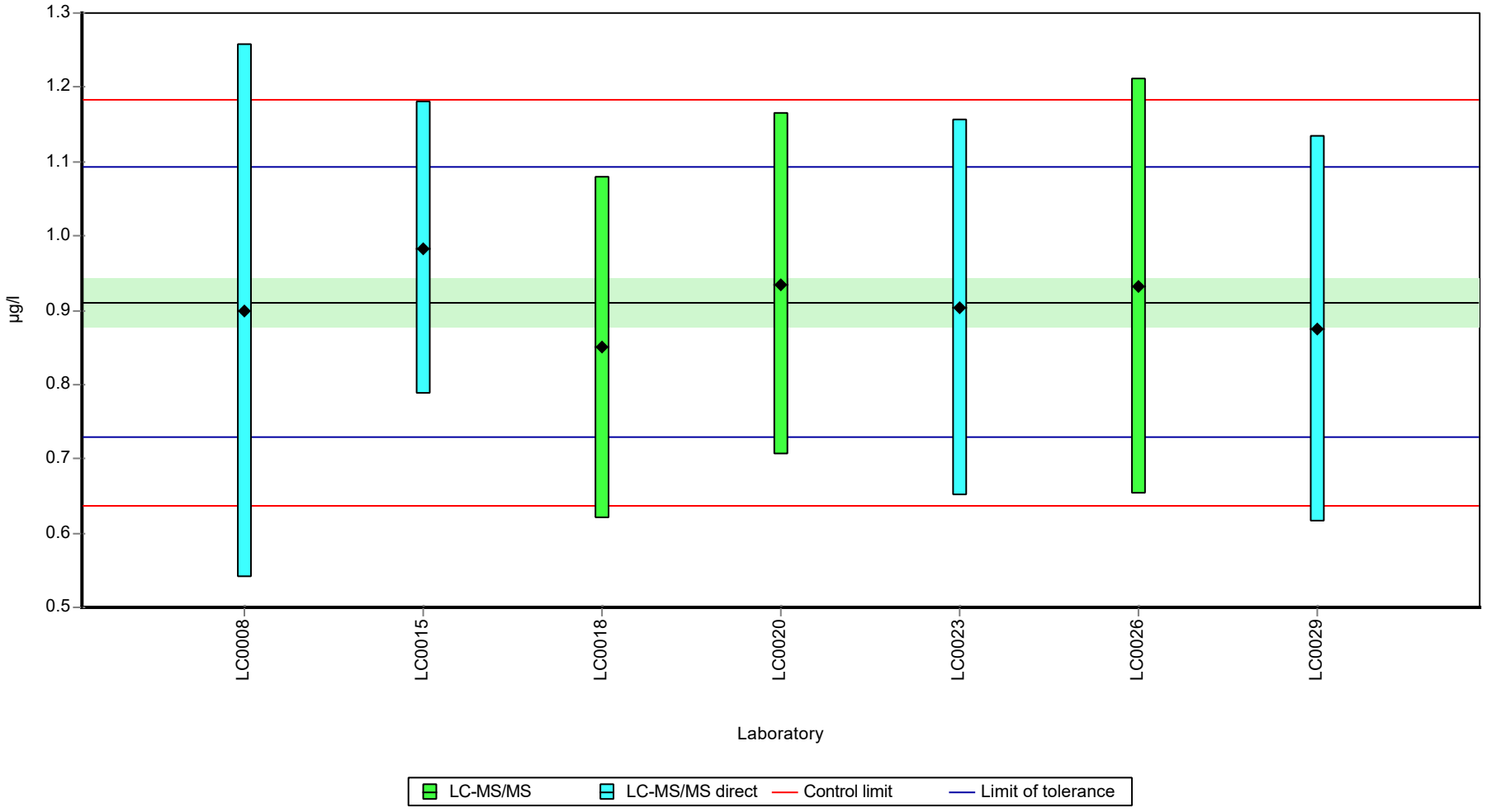
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.899	0.36	98.7	-0.13	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.983	0.197	108	0.79	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.85	0.23	93.3	-0.67	
LC0019	-	-	-	-	
LC0020	0.935	0.23	103	0.26	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.903	0.253	99.1	-0.09	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.932	0.28	102	0.23	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.875	0.26	96	-0.4	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.911 ± 0.0495	0.911 ± 0.0495	µg/l
Minimum	0.85	0.85	µg/l
Maximum	0.983	0.983	µg/l
Standard deviation	0.0436	0.0436	µg/l
rel. standard deviation	4.79	4.79	%
n	7	7	-

Graphical presentation of results

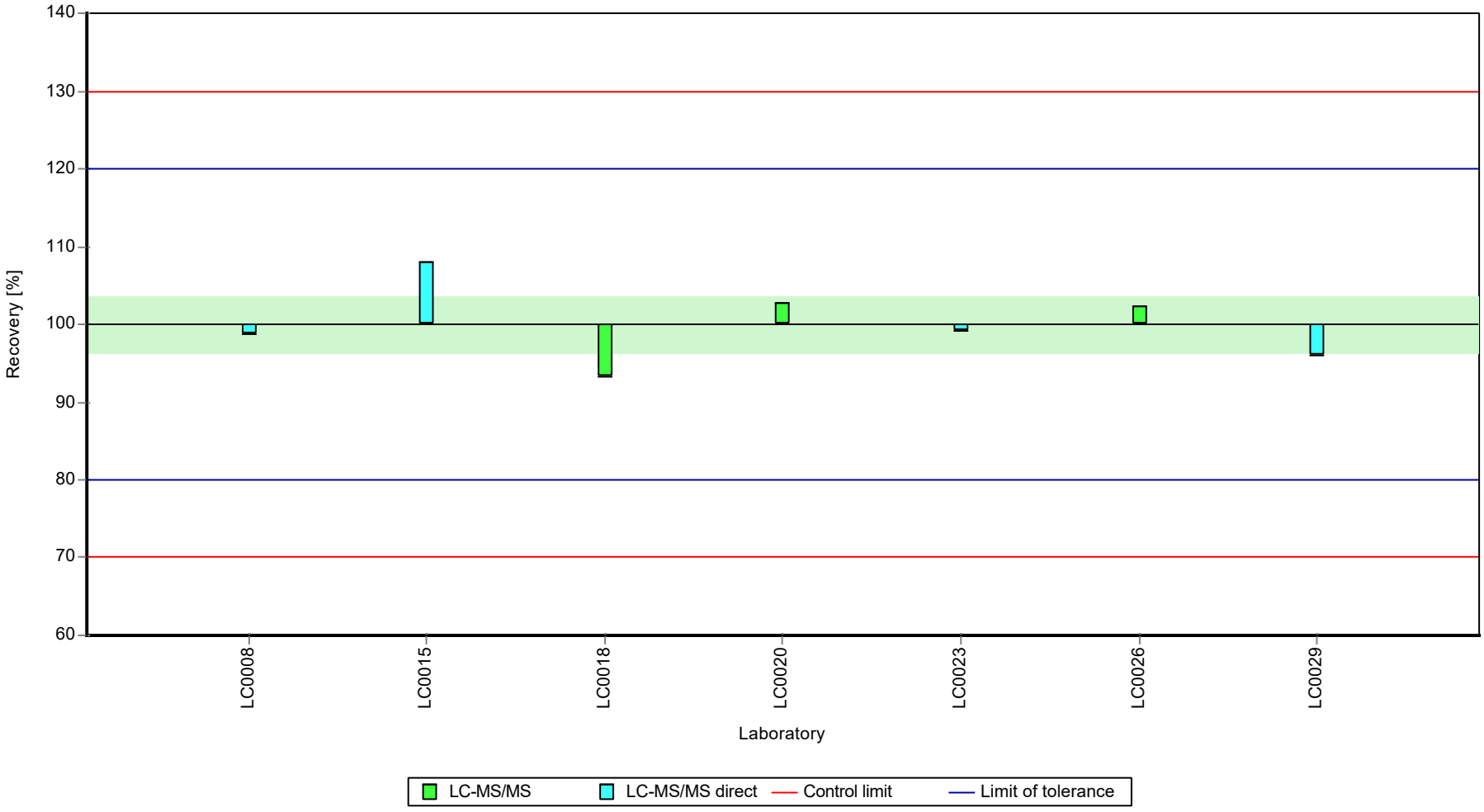
Results

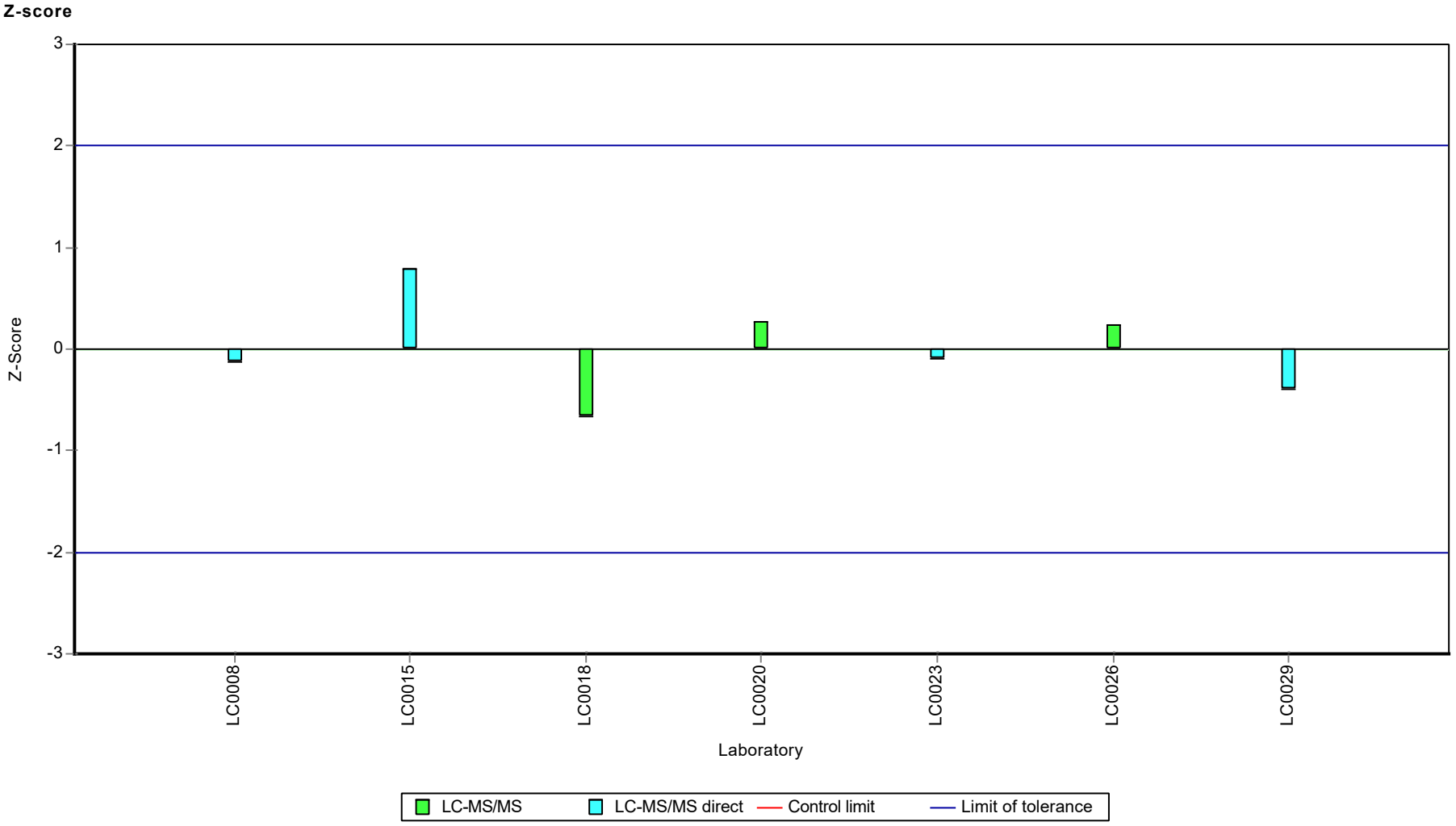


Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil-4-hydroxy

Recovery rate




Z-score
3
2
1
0
-1
-2
-3
Z-Score
LC0008
LC0015
LC0018
LC0020
LC0023
LC0026
LC0029
Laboratory
LC-MS/MS
LC-MS/MS direct
Control limit
Limit of tolerance

Parameter oriented report

H116 A

**Chlorothalonil Metabolite R471811

Unit	µg/l
Assigned value ± U (k=2)	0.648 ± 0.0384
Criterion	0.0648 (10 %)
Minimum - Maximum	0.546 - 0.731
Control test value ± U (k=2)	0.605 ± 0.151

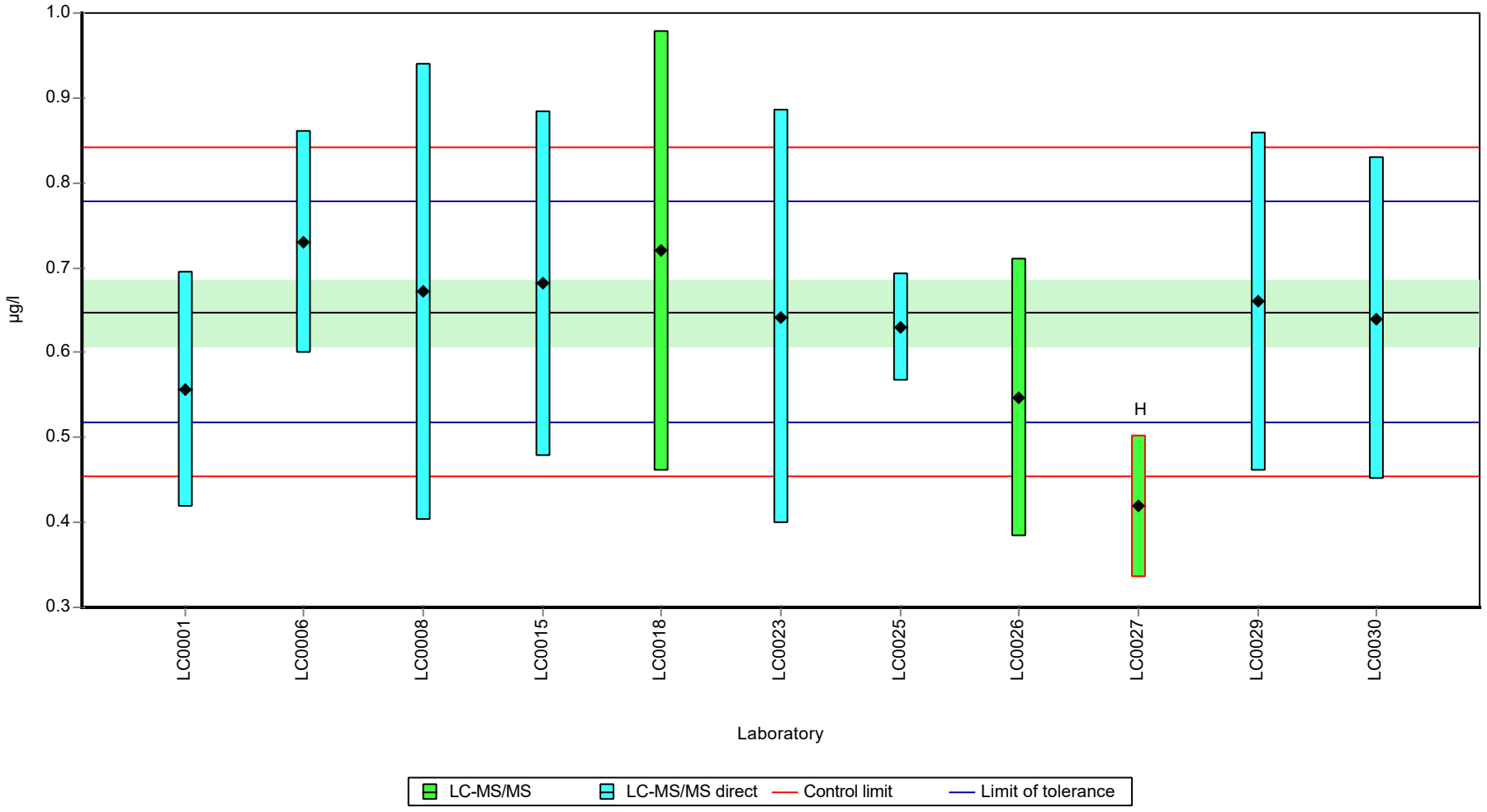
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.556	0.139	85.8	-1.42	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.73052	0.13149	113	1.28	
LC0007	-	-	-	-	
LC0008	0.672	0.269	104	0.37	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.681	0.204	105	0.51	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.72	0.259	111	1.12	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.642	0.244	99.1	-0.09	
LC0024	-	-	-	-	
LC0025	0.62986	0.06299	97.2	-0.28	
LC0026	0.546	0.164	84.3	-1.57	
LC0027	0.419	0.084	64.7	-3.53	H
LC0028	-	-	-	-	
LC0029	0.66	0.2	102	0.19	
LC0030	0.64	0.19	98.8	-0.12	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.627 ± 0.0812	0.648 ± 0.0575	µg/l
Minimum	0.419	0.546	µg/l
Maximum	0.731	0.731	µg/l
Standard deviation	0.0898	0.0606	µg/l
rel. standard deviation	14.3	9.36	%
n	11	10	-

Graphical presentation of results

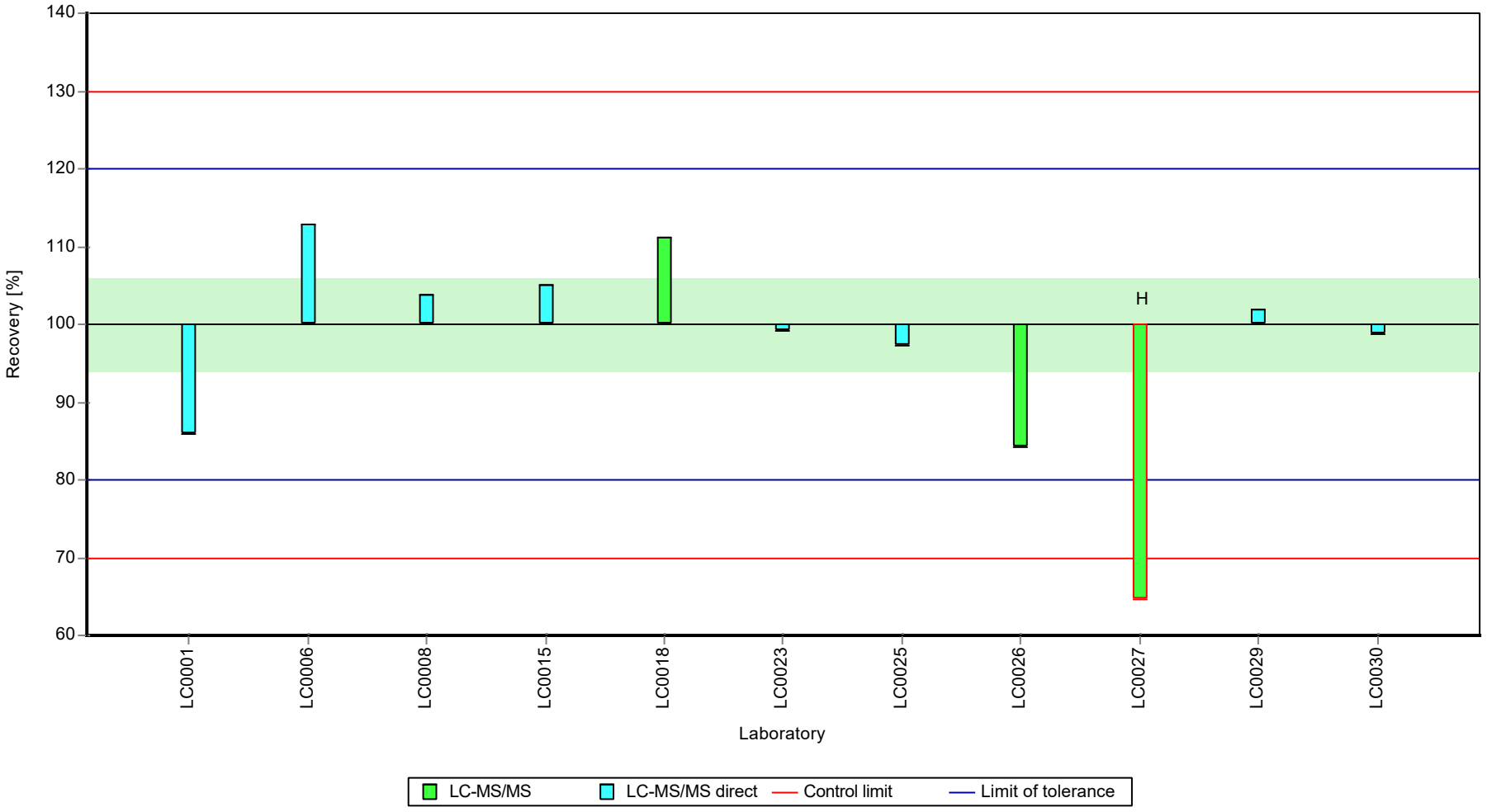
Results



Parameter oriented report Pesticides H116

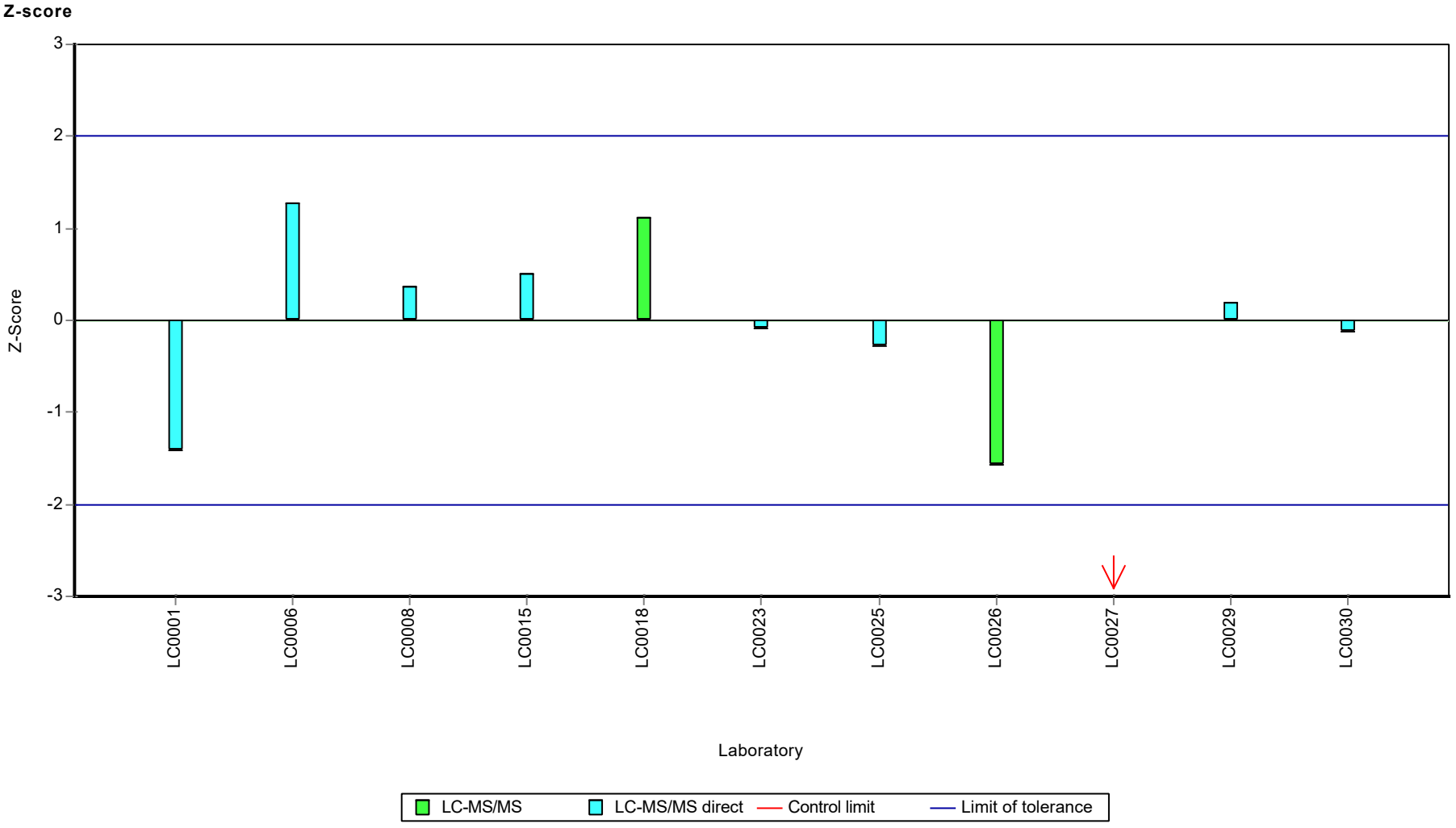
Sample: H116A, Parameter: Chlorothalonil Metabolite R471811

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil Metabolite R471811



Parameter oriented report

H116 B

**Chlorothalonil Metabolite R471811

Unit	µg/l
Assigned value ± U (k=2)	0.505 ± 0.043
Criterion	0.0757 (15 %)
Minimum - Maximum	0.356 - 0.63
Control test value ± U (k=2)	0.523 ± 0.131

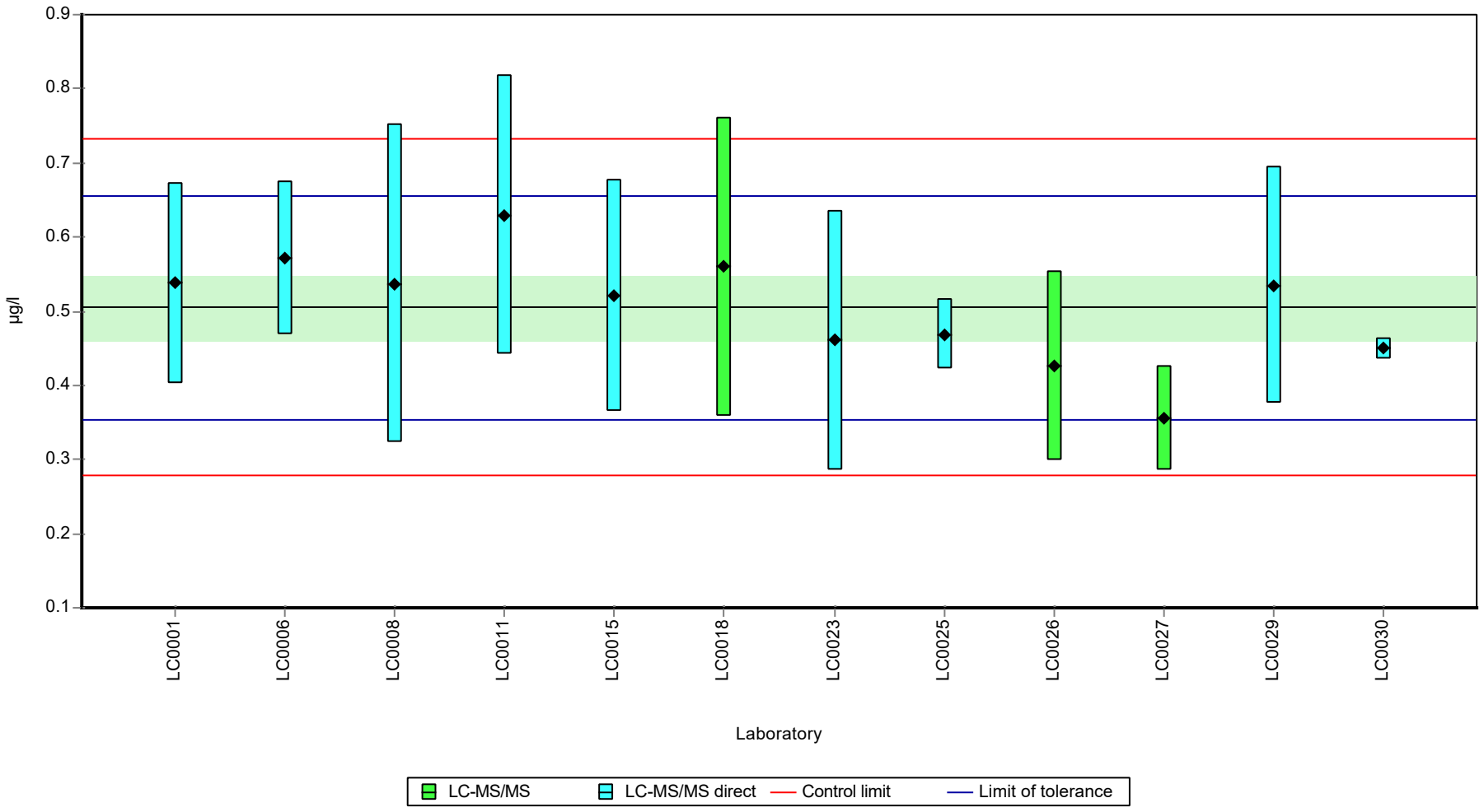
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.538	0.135	107	0.44	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.5721	0.10298	113	0.89	
LC0007	-	-	-	-	
LC0008	0.537	0.215	106	0.43	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.6299	0.1887	125	1.65	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.521	0.156	103	0.22	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.56	0.202	111	0.73	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.461	0.175	91.3	-0.58	
LC0024	-	-	-	-	
LC0025	0.46885	0.04688	92.9	-0.47	
LC0026	0.427	0.128	84.6	-1.03	
LC0027	0.356	0.071	70.5	-1.96	
LC0028	-	-	-	-	
LC0029	0.535	0.16	106	0.4	
LC0030	0.45	0.014	89.2	-0.72	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.505 ± 0.0645	0.505 ± 0.0645	µg/l
Minimum	0.356	0.356	µg/l
Maximum	0.63	0.63	µg/l
Standard deviation	0.0744	0.0744	µg/l
rel. standard deviation	14.7	14.7	%
n	12	12	-

Graphical presentation of results

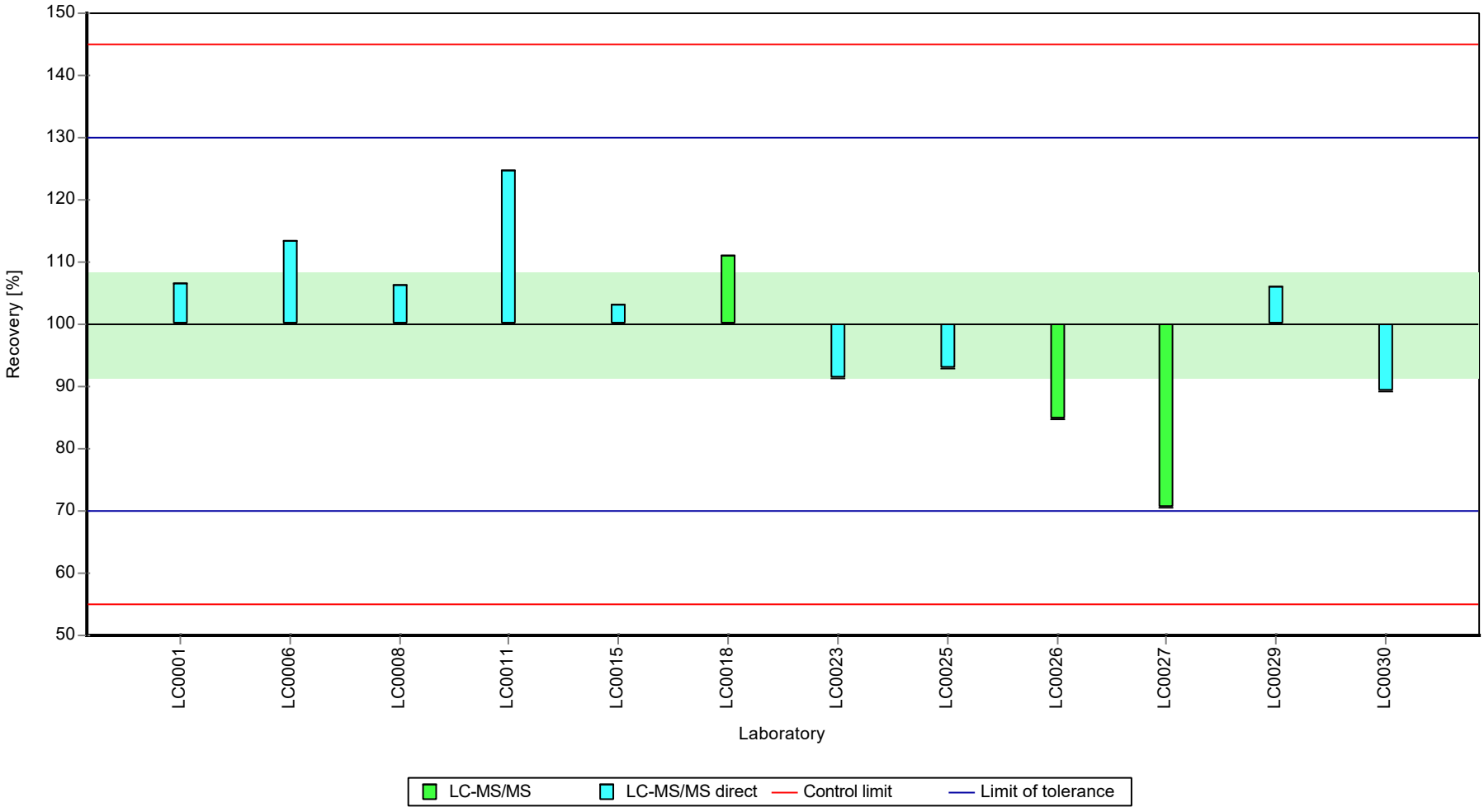
Results



Parameter oriented report Pesticides H116

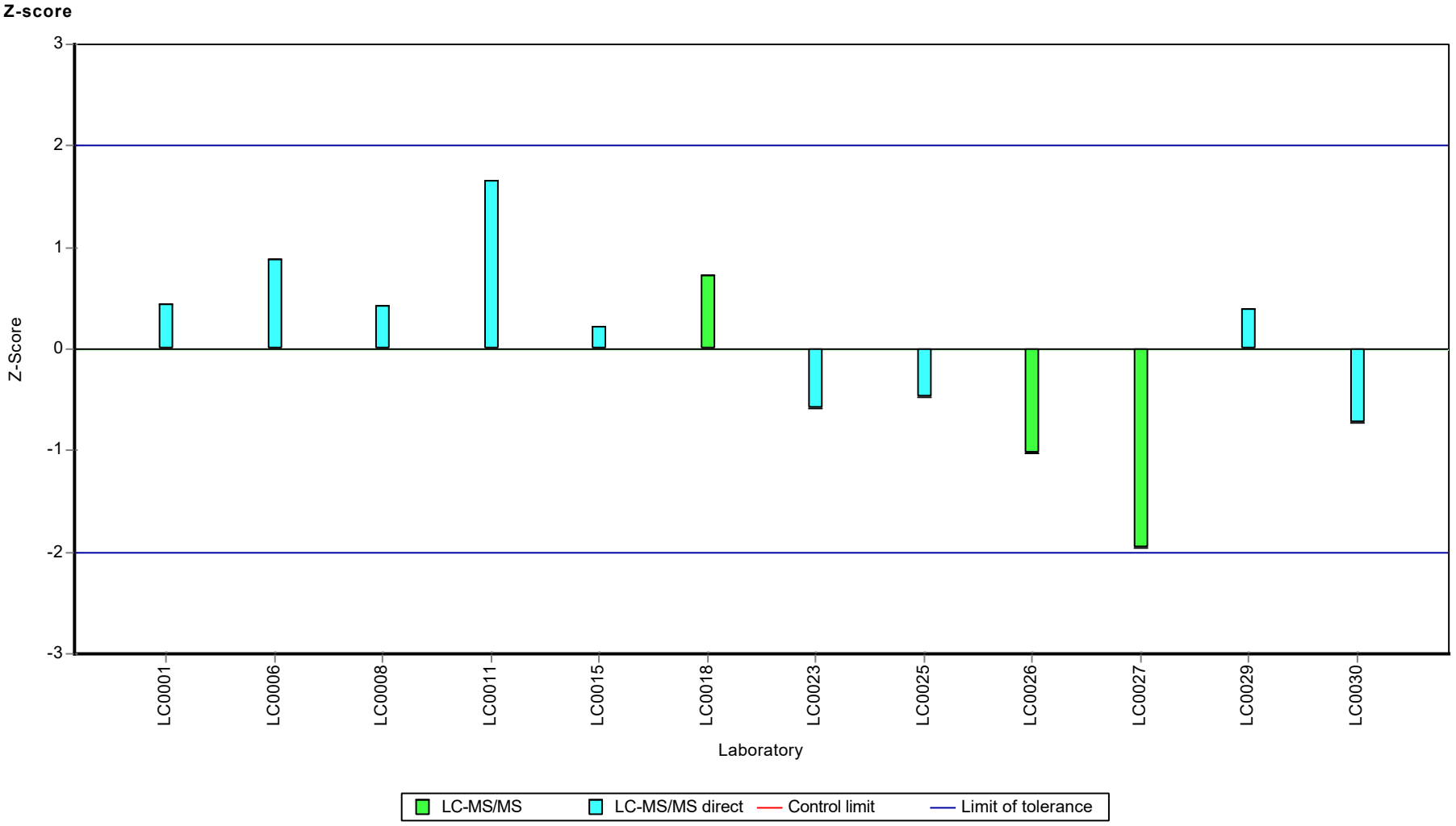
Sample: H116B, Parameter: Chlorothalonil Metabolite R471811

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil Metabolite R471811



Parameter oriented report

H116 A

**Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Unit	µg/l
Assigned value ± U (k=2)	0.195 ± 0.0248
Criterion	0.0371 (19 %)
Minimum - Maximum	0.108 - 0.229
Control test value ± U (k=2)	0.171 ± 0.0769

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.1829	0.03292	93.7	-0.33	
LC0007	-	-	-	-	
LC0008	0.229	0.0916	117	0.91	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.189	0.038	96.8	-0.17	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.22	0.084	113	0.67	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.205	0.059	105	0.26	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.21	0.063	108	0.4	
LC0027	0.108	0.022	55.3	-2.35	
LC0028	0.228	0.018	117	0.88	
LC0029	0.185	0.06	94.8	-0.28	
LC0030	-	-	-	-	

Characteristics of parameter

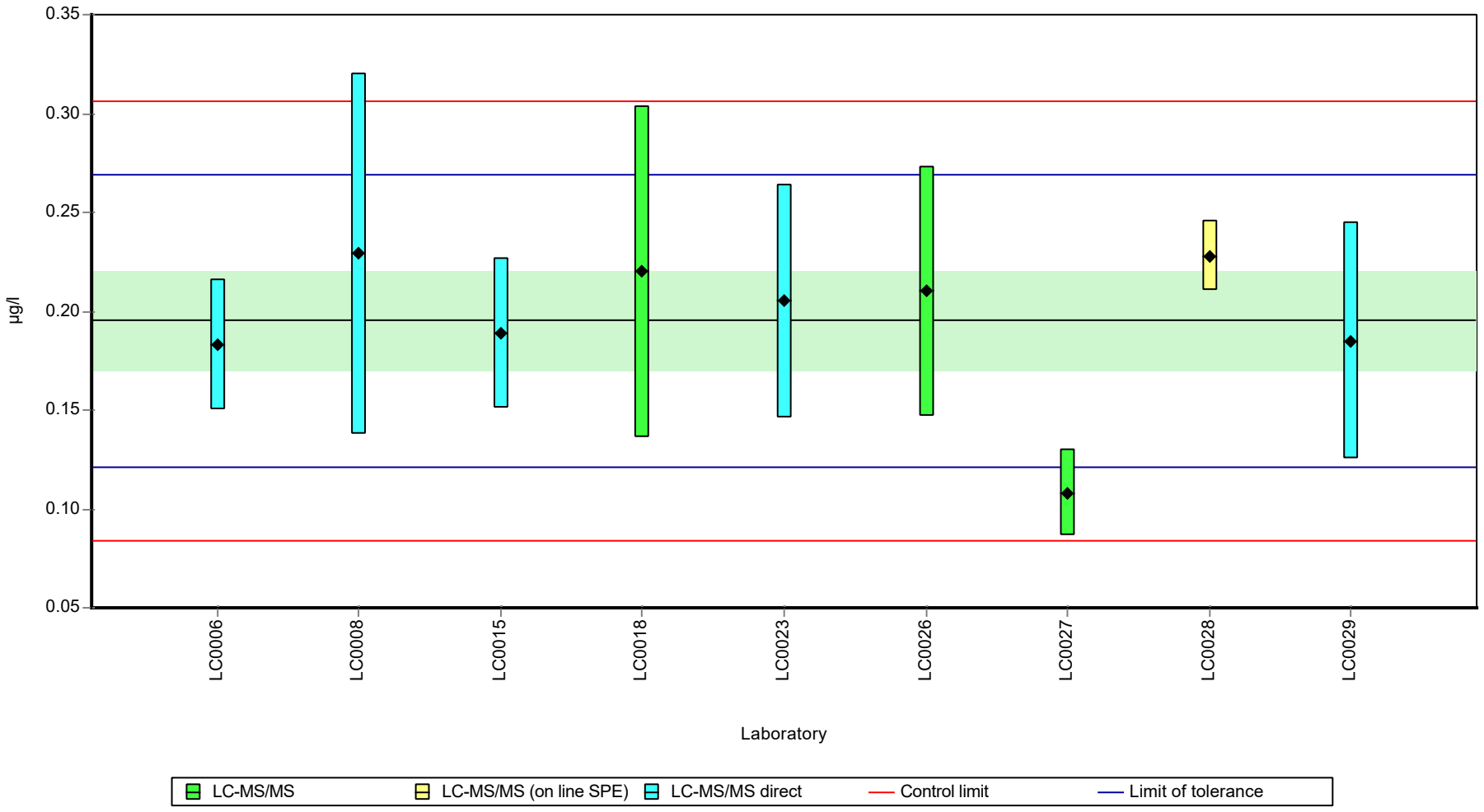
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.195 ± 0.0372	0.195 ± 0.0372	µg/l
Minimum	0.108	0.108	µg/l
Maximum	0.229	0.229	µg/l
Standard deviation	0.0372	0.0372	µg/l
rel. standard deviation	19	19	%
n	9	9	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Graphical presentation of results

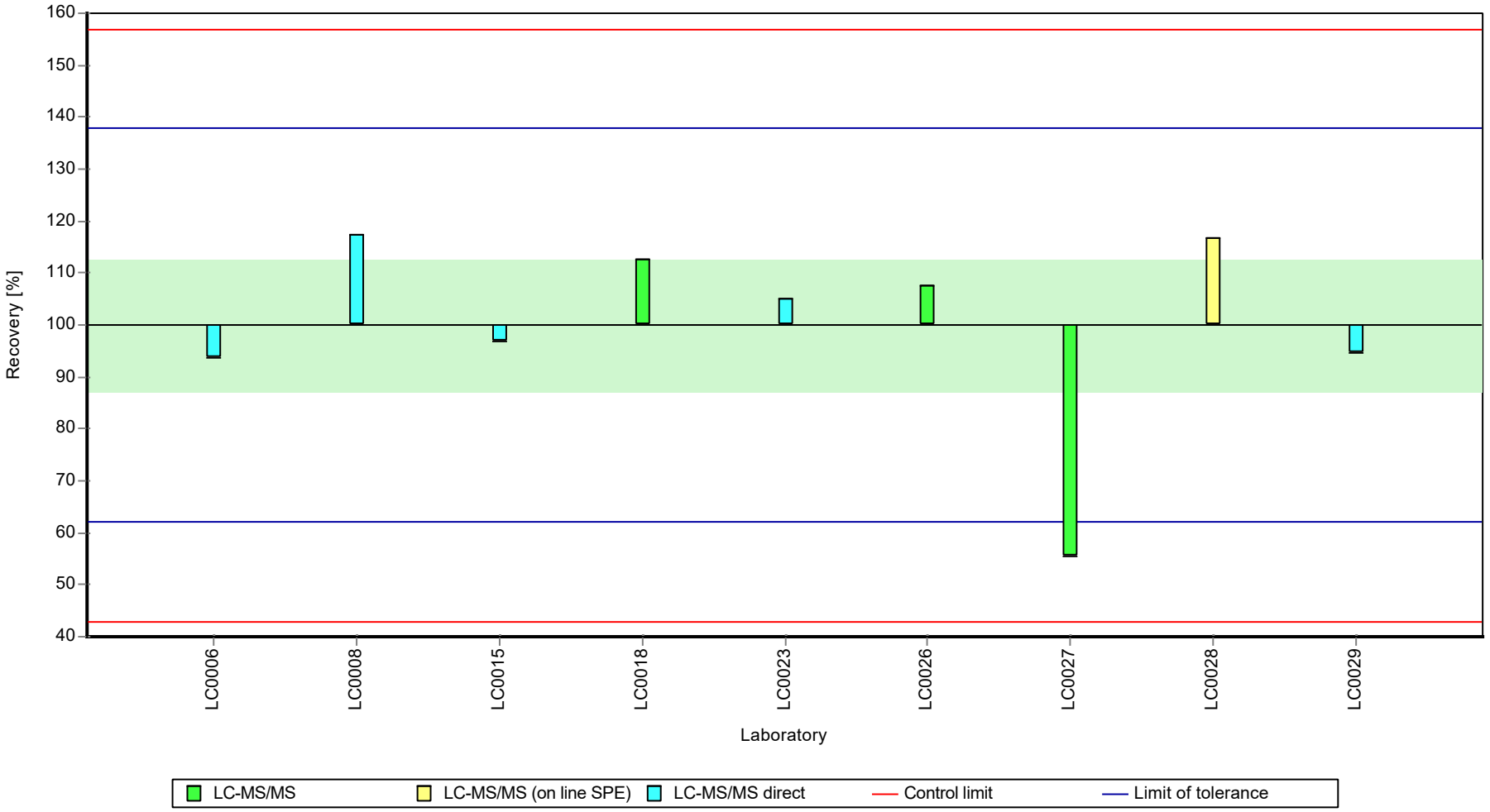
Results



Parameter oriented report Pesticides H116

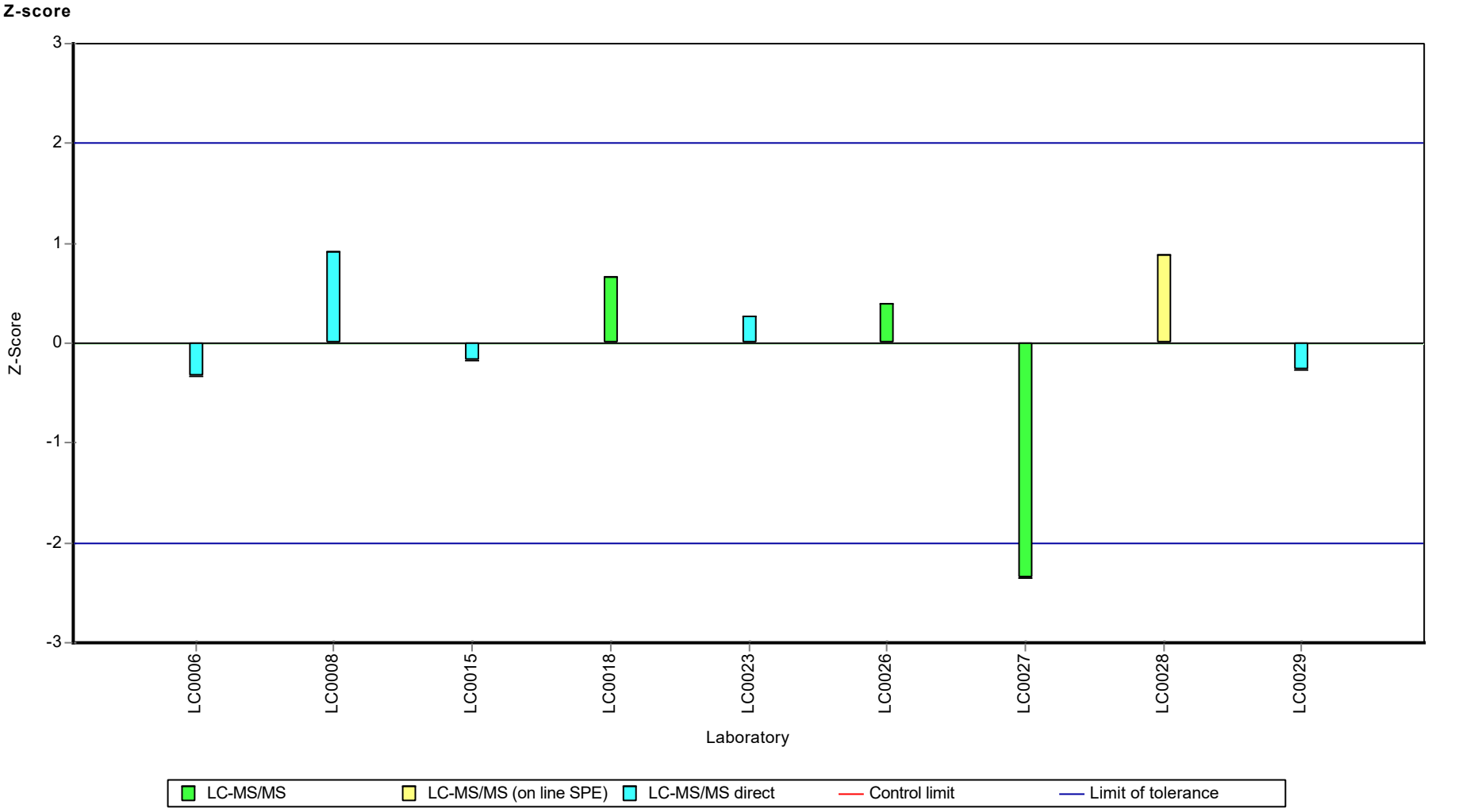
Sample: H116A, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)



Parameter oriented report

H116 B

**Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Unit	µg/l
Assigned value ± U (k=2)	0.5 ± 0.0107
Criterion	0.05 (10 %)
Minimum - Maximum	0.478 - 0.515
Control test value ± U (k=2)	0.442 ± 0.199

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.43947	0.0791	87.8	-1.22	H
LC0007	-	-	-	-	
LC0008	0.508	0.203	102	0.15	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.503	0.101	101	0.05	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.478	0.182	95.5	-0.45	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.515	0.149	103	0.29	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.493	0.148	98.5	-0.15	
LC0027	0.307	0.061	61.4	-3.86	H
LC0028	0.597	0.032	119	1.93	H
LC0029	0.505	0.15	101	0.09	
LC0030	-	-	-	-	

Characteristics of parameter

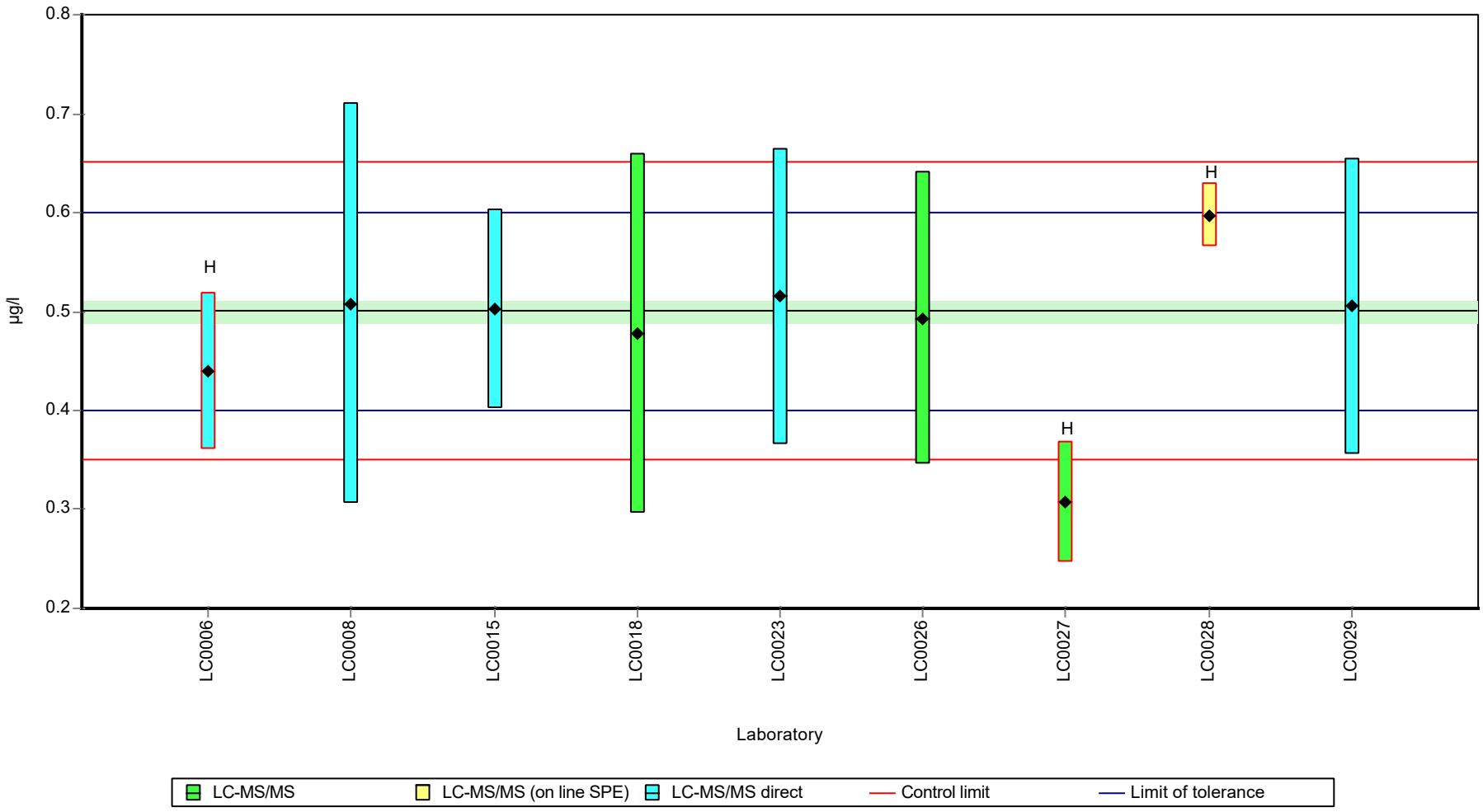
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.483 ± 0.0779	0.5 ± 0.016	µg/l
Minimum	0.307	0.478	µg/l
Maximum	0.597	0.515	µg/l
Standard deviation	0.0779	0.0131	µg/l
rel. standard deviation	16.1	2.61	%
n	9	6	-

Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Graphical presentation of results

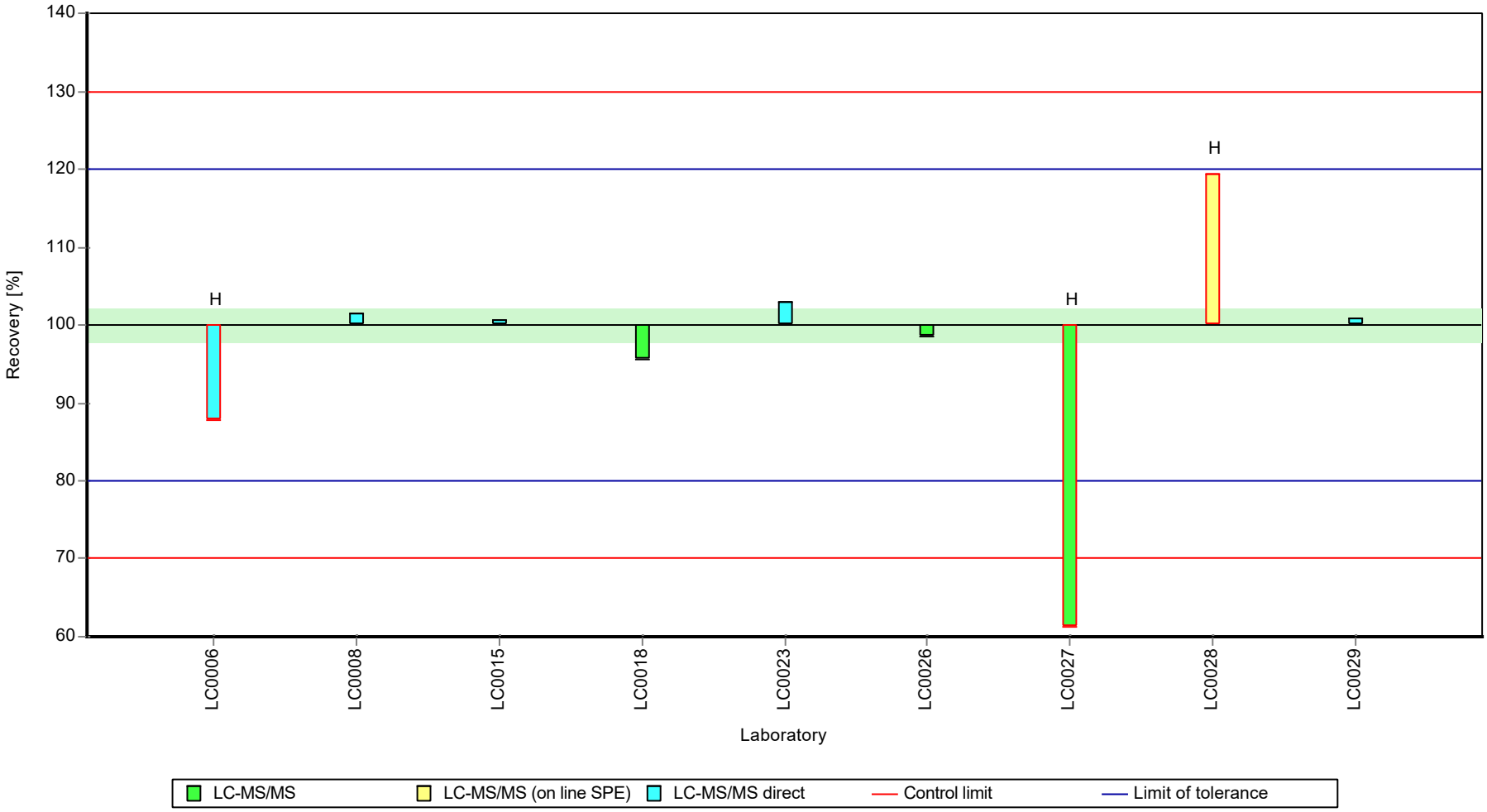
Results



Parameter oriented report Pesticides H116

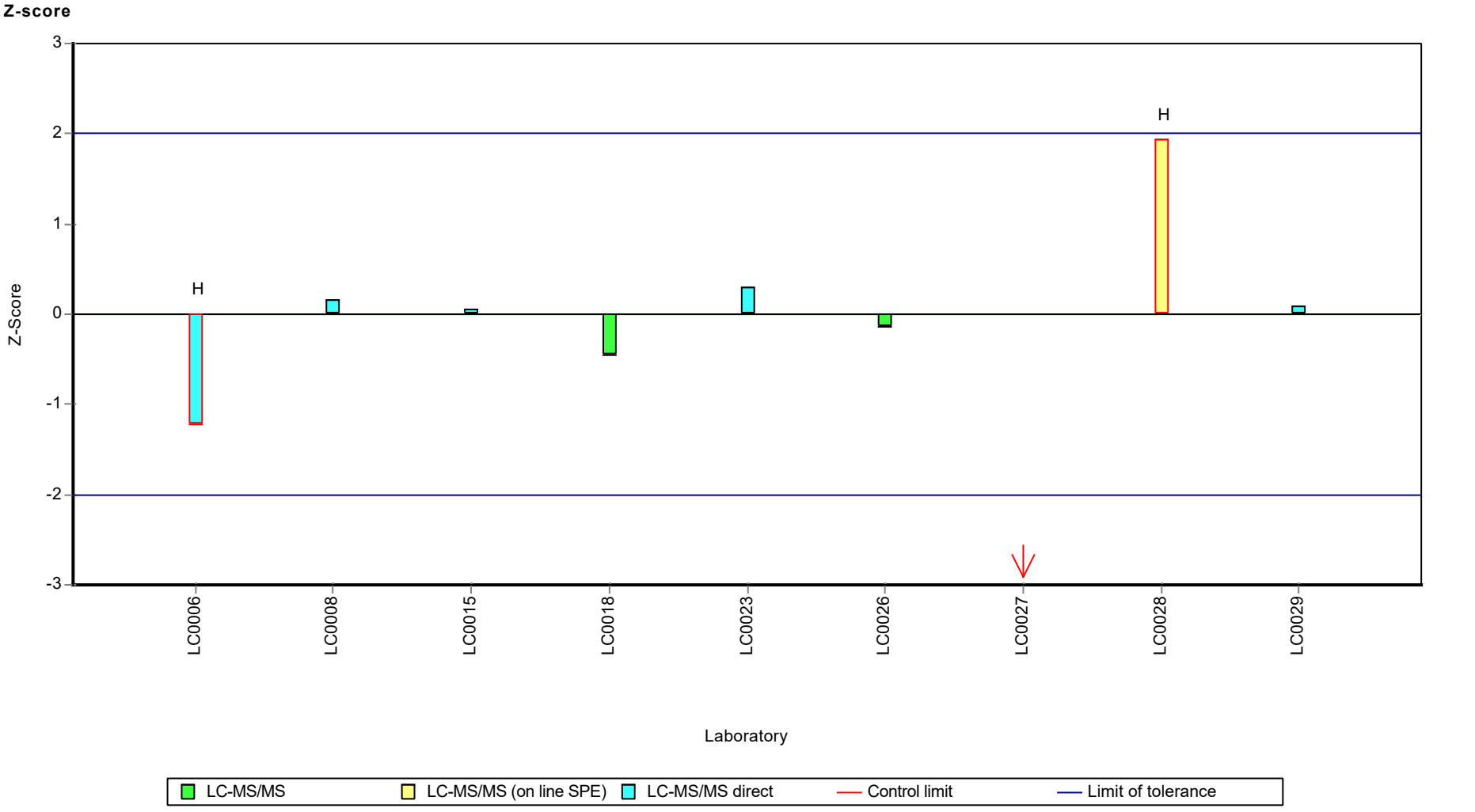
Sample: H116B, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)



Parameter oriented report

H116 A

**Chlorothalonil Metabolite R611968

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.167 - 0.214
Control test value ± U (k=2)	0.182 ± 0.0273

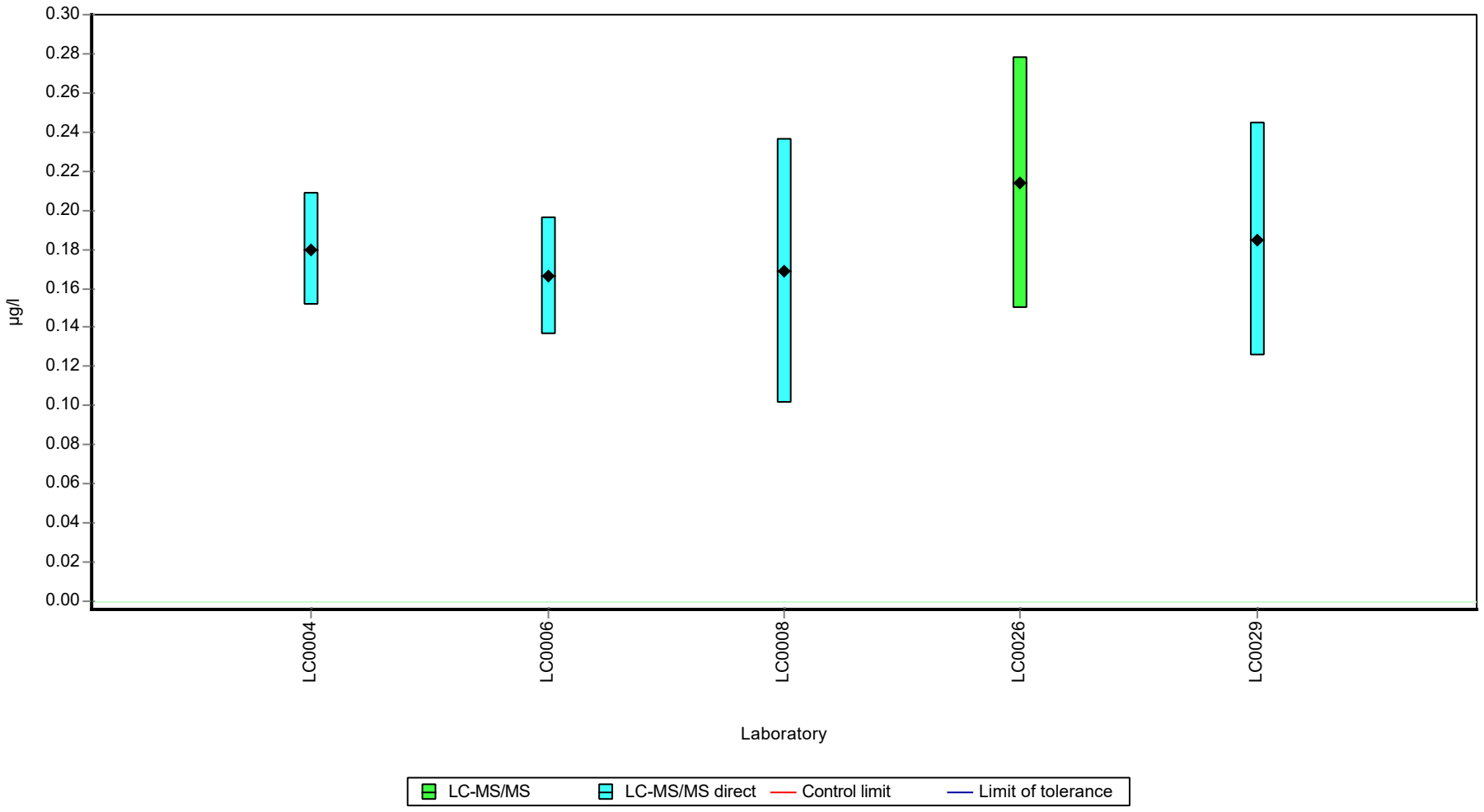
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.18	0.029	-	-	
LC0005	-	-	-	-	
LC0006	0.16662	0.02999	-	-	
LC0007	-	-	-	-	
LC0008	0.169	0.0676	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.214	0.064	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.185	0.06	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.183 ± 0.0254	-	µg/l
Minimum	0.167	0.167	µg/l
Maximum	0.214	0.214	µg/l
Standard deviation	0.019	-	µg/l
rel. standard deviation	10.4	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H116 B

**Chlorothalonil Metabolite R611968

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.46 - 0.566
Control test value ± U (k=2)	0.502 ± 0.0753

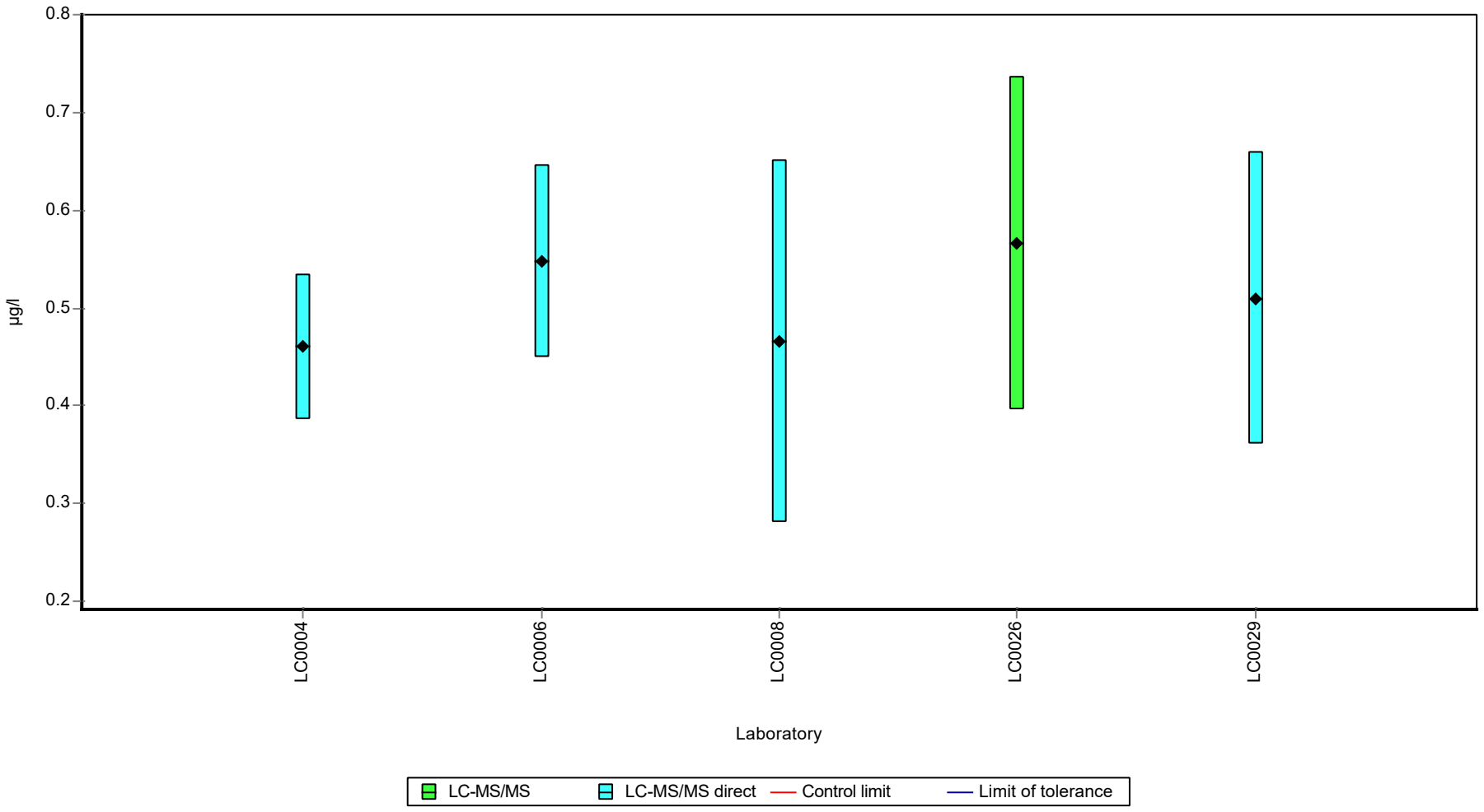
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.46	0.074	-	-	
LC0005	-	-	-	-	
LC0006	0.54794	0.09863	-	-	
LC0007	-	-	-	-	
LC0008	0.466	0.186	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.566	0.17	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.51	0.15	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.51 ± 0.0637	-	µg/l
Minimum	0.46	0.46	µg/l
Maximum	0.566	0.566	µg/l
Standard deviation	0.0475	-	µg/l
rel. standard deviation	9.31	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H116 A

**Chlorothalonil Metabolite SYN507900

Unit	µg/l
Assigned value ± U (k=2)	0.243 ± 0.0216
Criterion	0.0316 (13 %)
Minimum - Maximum	0.21 - 0.289
Control test value ± U (k=2)	0.230 ± 0.0576

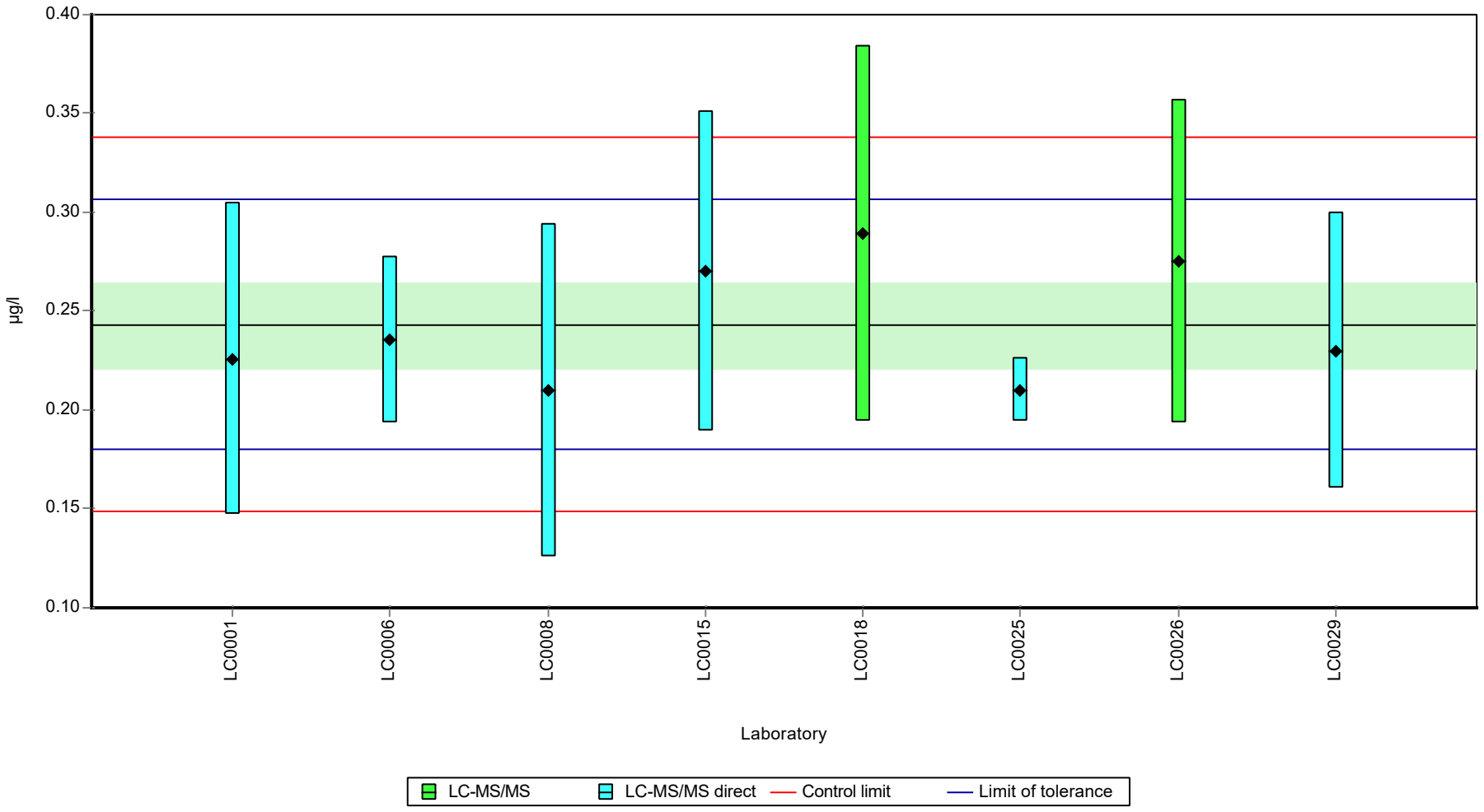
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.226	0.079	92.9	-0.54	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.23546	0.04238	96.8	-0.25	
LC0007	-	-	-	-	
LC0008	0.21	0.084	86.3	-1.05	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.27	0.081	111	0.85	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.289	0.095	119	1.45	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.21022	0.01587	86.4	-1.04	
LC0026	0.275	0.082	113	1.01	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.23	0.07	94.6	-0.42	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.243 ± 0.0324	0.243 ± 0.0324	µg/l
Minimum	0.21	0.21	µg/l
Maximum	0.289	0.289	µg/l
Standard deviation	0.0306	0.0306	µg/l
rel. standard deviation	12.6	12.6	%
n	8	8	-

Graphical presentation of results

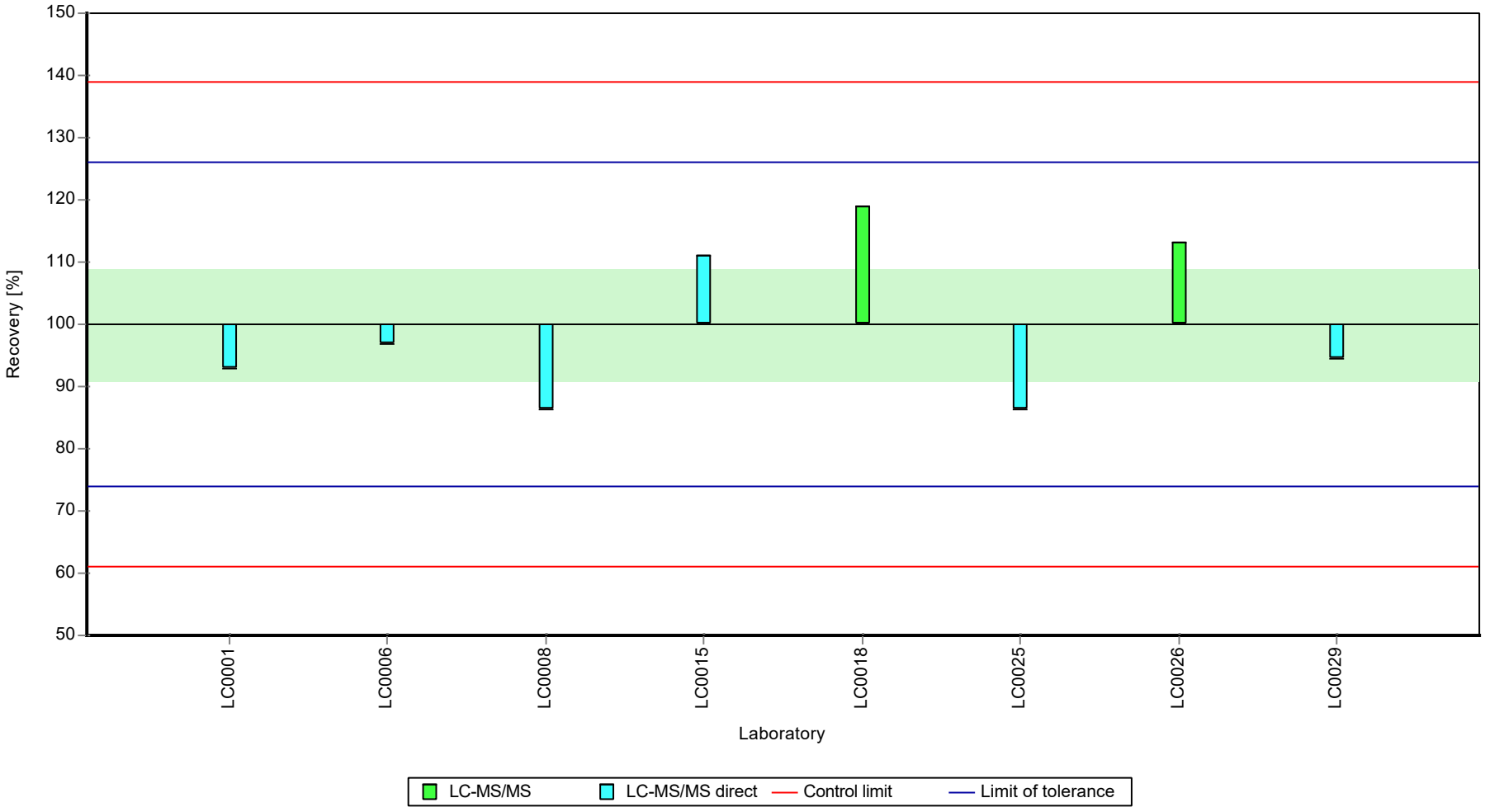
Results



Parameter oriented report Pesticides H116

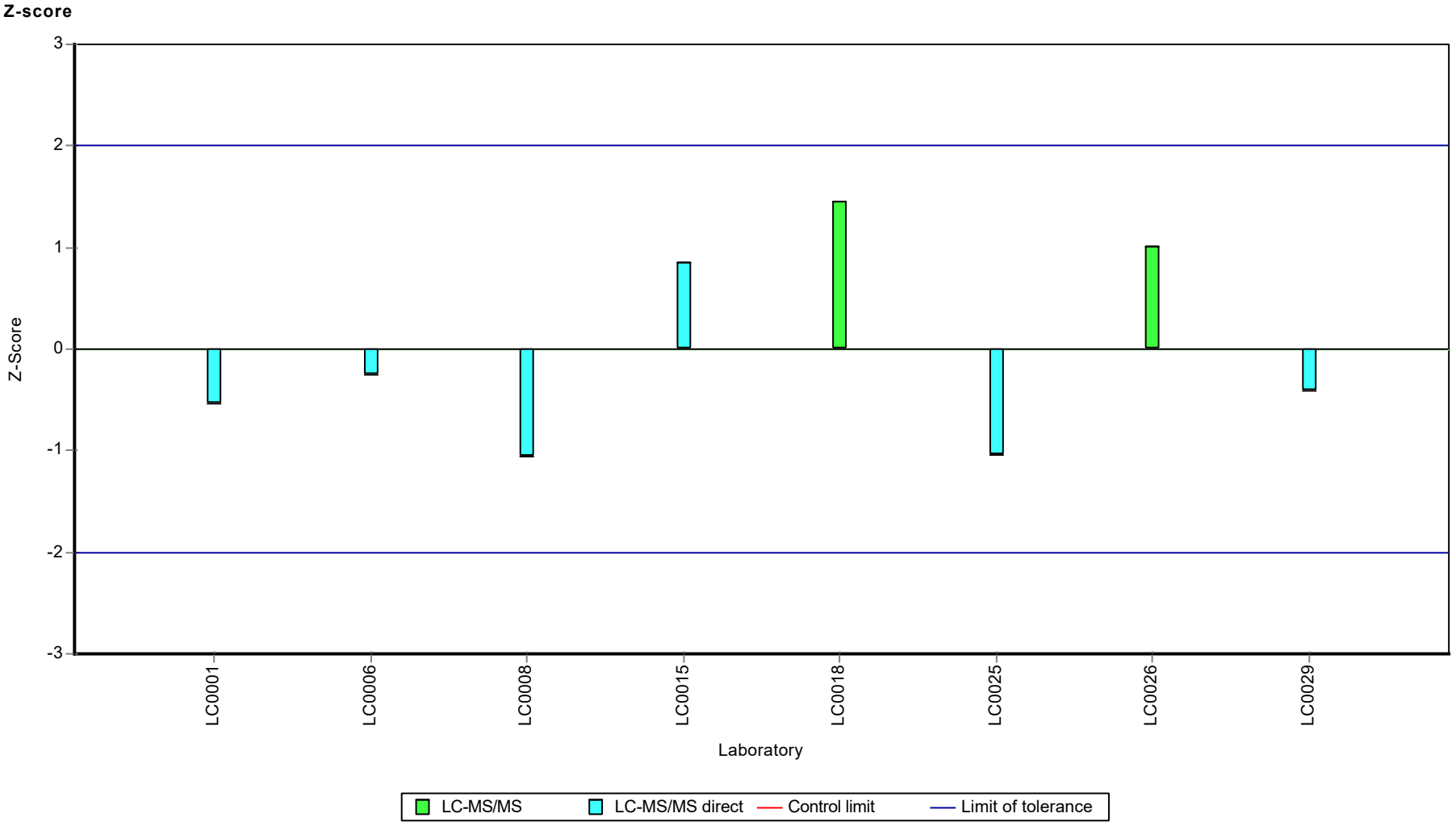
Sample: H116A, Parameter: Chlorothalonil Metabolite SYN507900

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil Metabolite SYN507900



Parameter oriented report

H116 B

**Chlorothalonil Metabolite SYN507900

Unit	µg/l
Assigned value ± U (k=2)	0.687 ± 0.0529
Criterion	0.0755 (11 %)
Minimum - Maximum	0.566 - 0.772
Control test value ± U (k=2)	0.688 ± 0.172

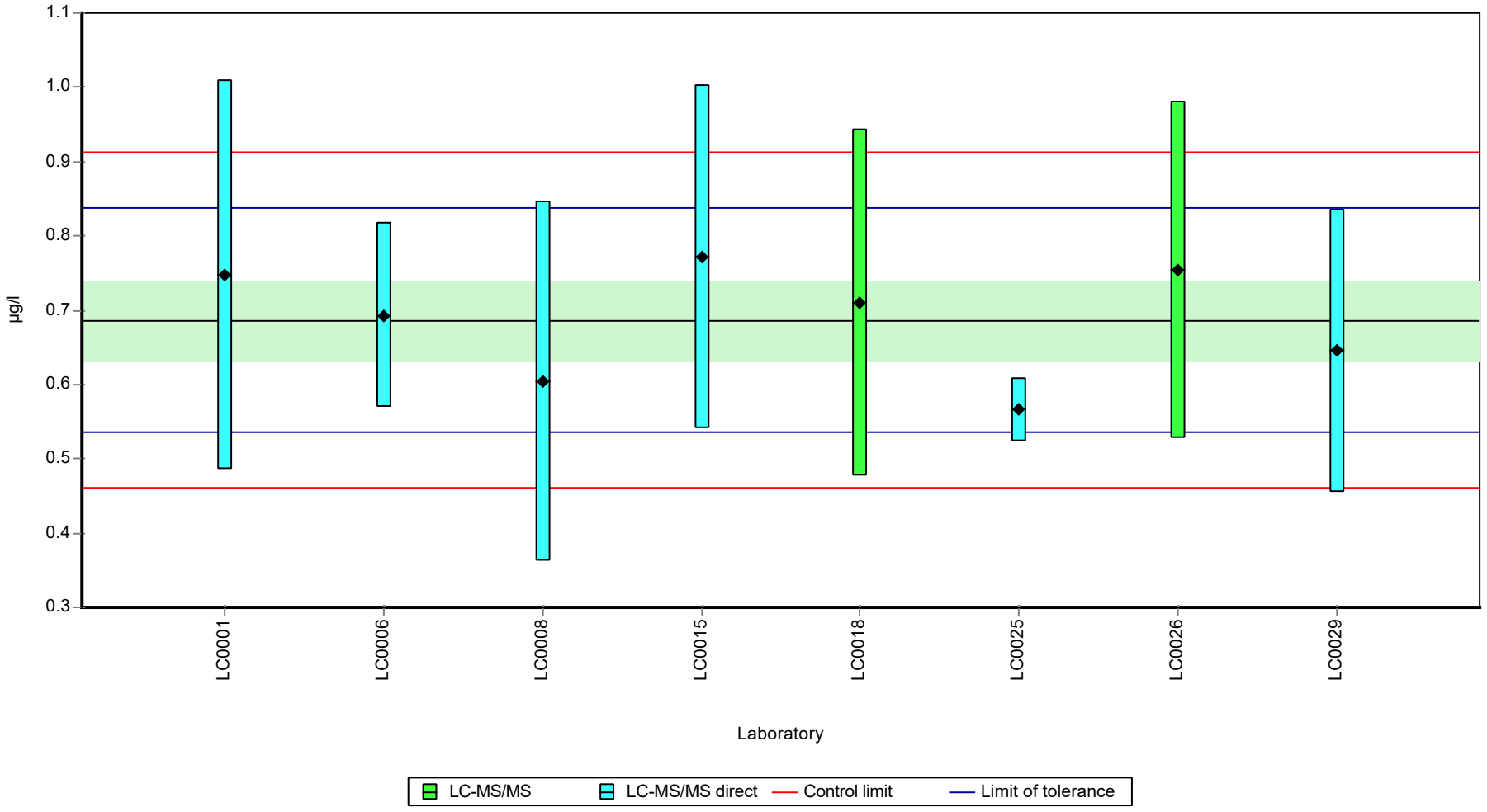
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.748	0.262	109	0.81	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.69293	0.12473	101	0.08	
LC0007	-	-	-	-	
LC0008	0.604	0.242	88	-1.09	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.772	0.232	112	1.13	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.71	0.234	103	0.31	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.56631	0.04276	82.5	-1.59	
LC0026	0.754	0.226	110	0.89	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.645	0.19	94	-0.55	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.687 ± 0.0794	0.687 ± 0.0794	µg/l
Minimum	0.566	0.566	µg/l
Maximum	0.772	0.772	µg/l
Standard deviation	0.0748	0.0748	µg/l
rel. standard deviation	10.9	10.9	%
n	8	8	-

Graphical presentation of results

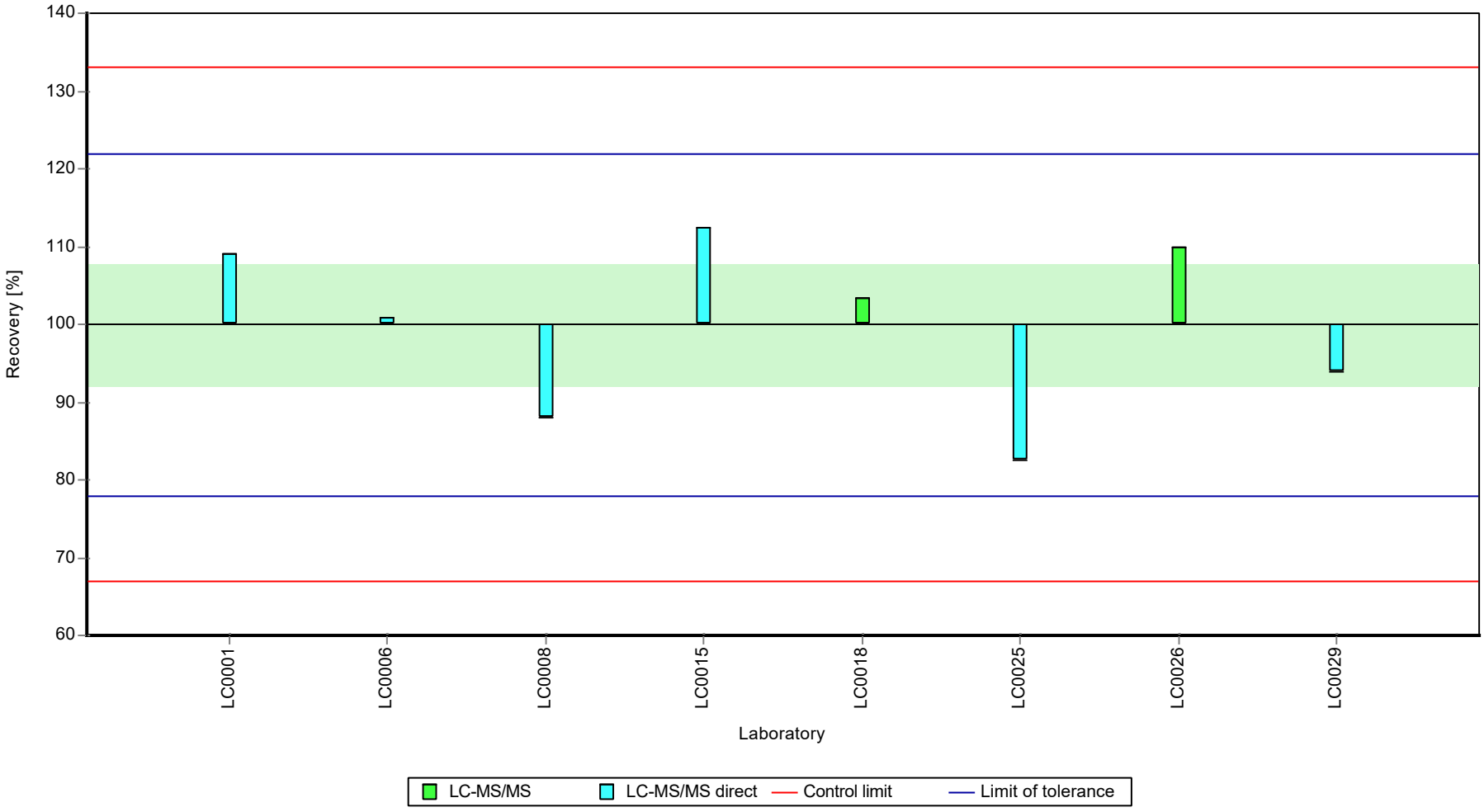
Results

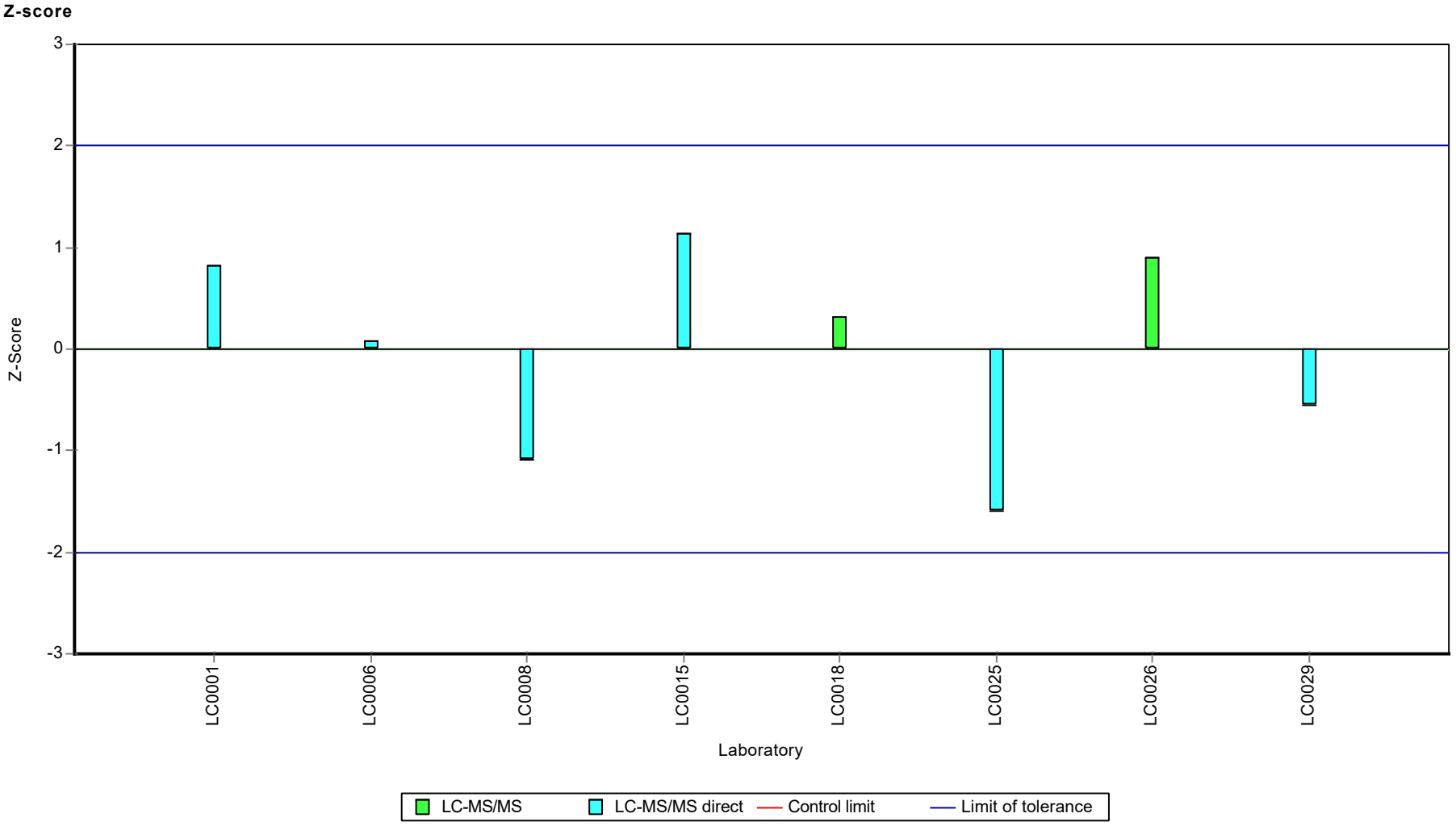


Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil Metabolite SYN507900

Recovery rate




Z-score
3
2
1
0
-1
-2
-3
Z-Score
LC0001
LC0006
LC0008
LC0015
LC0018
LC0025
LC0026
LC0029
Laboratory
LC-MS/MS
LC-MS/MS direct
Control limit
Limit of tolerance

Parameter oriented report

H116 A

**Chlorothalonil Metabolite SYN548580

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.268 - 0.314
Control test value ± U (k=2)	0.309 ± 0.0464

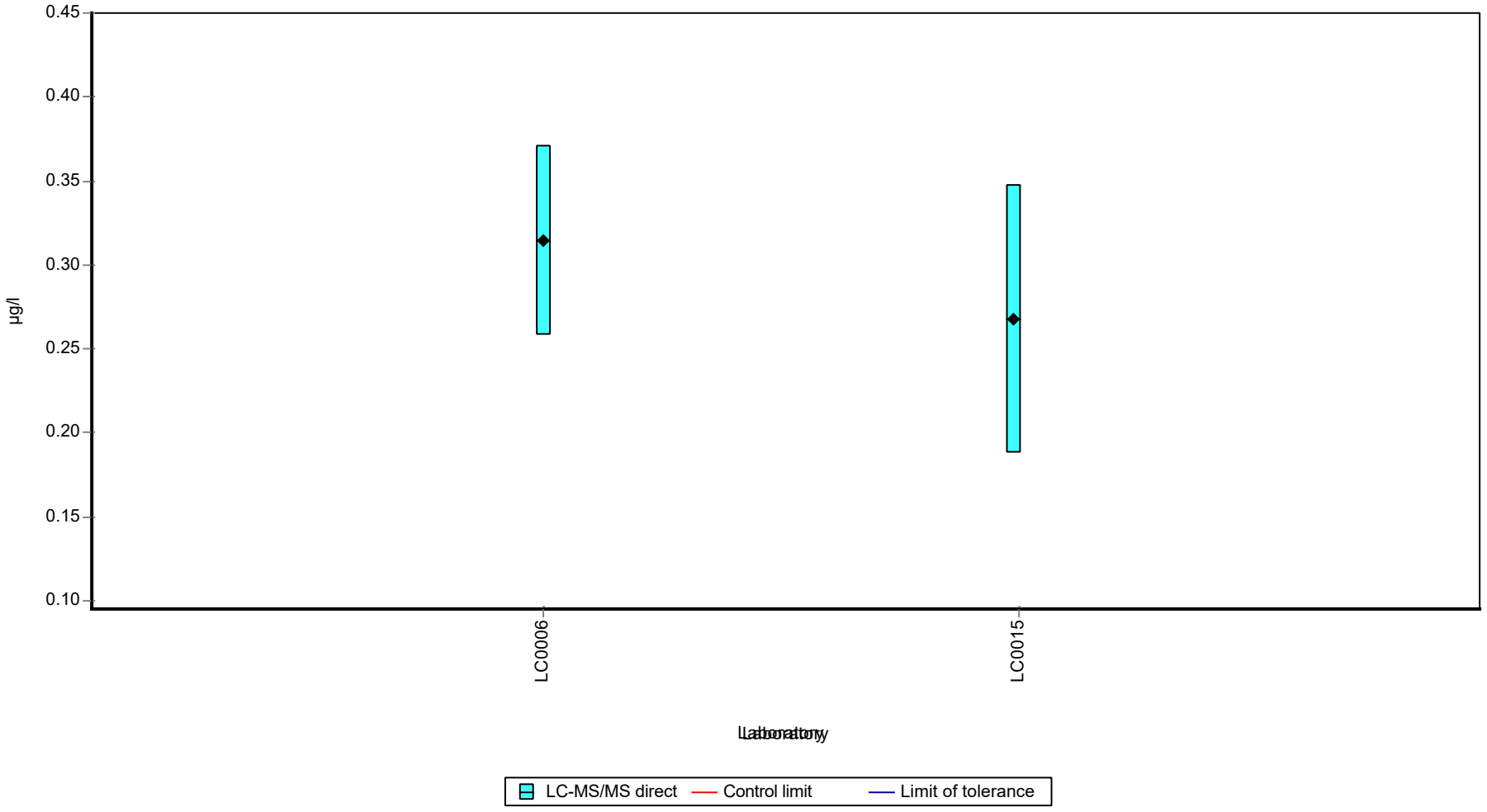
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.31419	0.05655	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.268	0.08	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.291 ± 0.0693	-	µg/l
Minimum	0.268	0.268	µg/l
Maximum	0.314	0.314	µg/l
Standard deviation	0.0327	-	µg/l
rel. standard deviation	11.2	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H116 B

**Chlorothalonil Metabolite SYN548580

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.464 - 0.546
Control test value ± U (k=2)	0.568 ± 0.0852

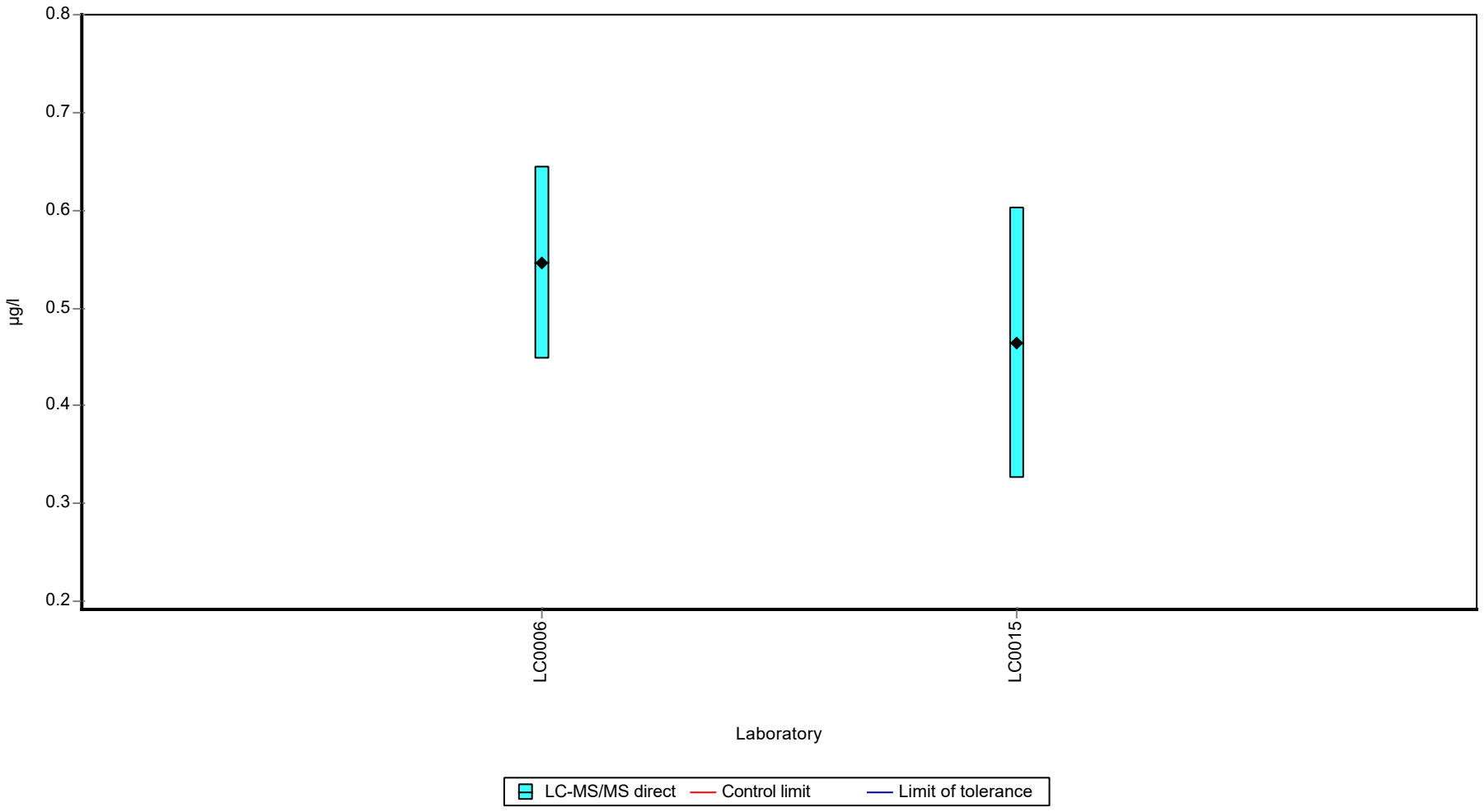
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.54592	0.09827	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.464	0.139	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.505 ± 0.123	-	µg/l
Minimum	0.464	0.464	µg/l
Maximum	0.546	0.546	µg/l
Standard deviation	0.0579	-	µg/l
rel. standard deviation	11.5	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H116 A

**Chlorothalonil Metabolite SYN548581

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.18 - 0.199
Control test value ± U (k=2)	0.194 ± 0.0582

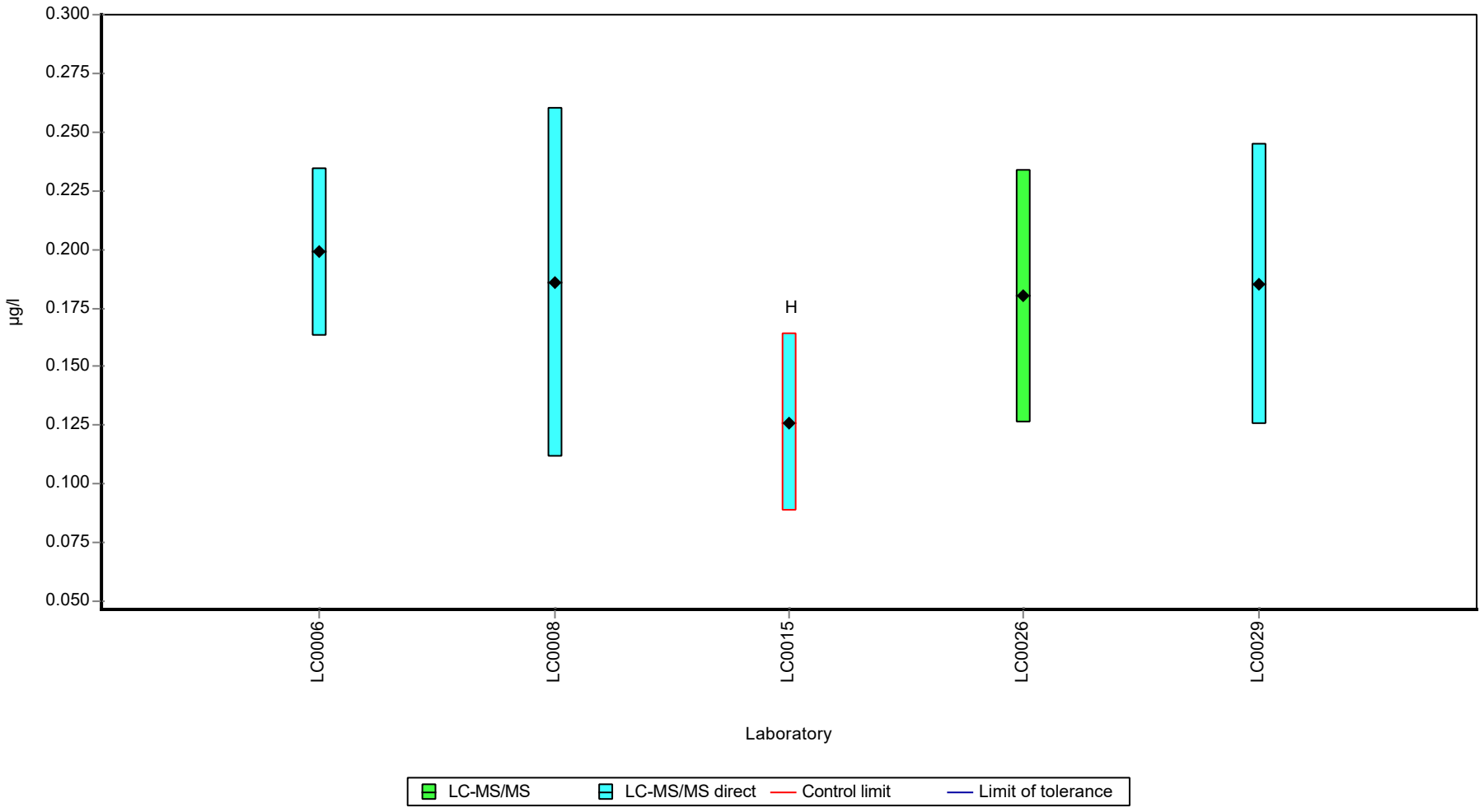
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.19884	0.03579	-	-	
LC0007	-	-	-	-	
LC0008	0.186	0.0744	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.126	0.038	-	-	H
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.18	0.054	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.185	0.06	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.175 ± 0.038	-	µg/l
Minimum	0.126	0.18	µg/l
Maximum	0.199	0.199	µg/l
Standard deviation	0.0284	-	µg/l
rel. standard deviation	16.2	-	%
n	5	4	-

Graphical presentation of results

Results



Parameter oriented report

H116 B

**Chlorothalonil Metabolite SYN548581

Unit	µg/l
Assigned value ± U (k=2)	-
Criterion	-
Minimum - Maximum	0.46 - 0.717
Control test value ± U (k=2)	0.613 ± 0.184

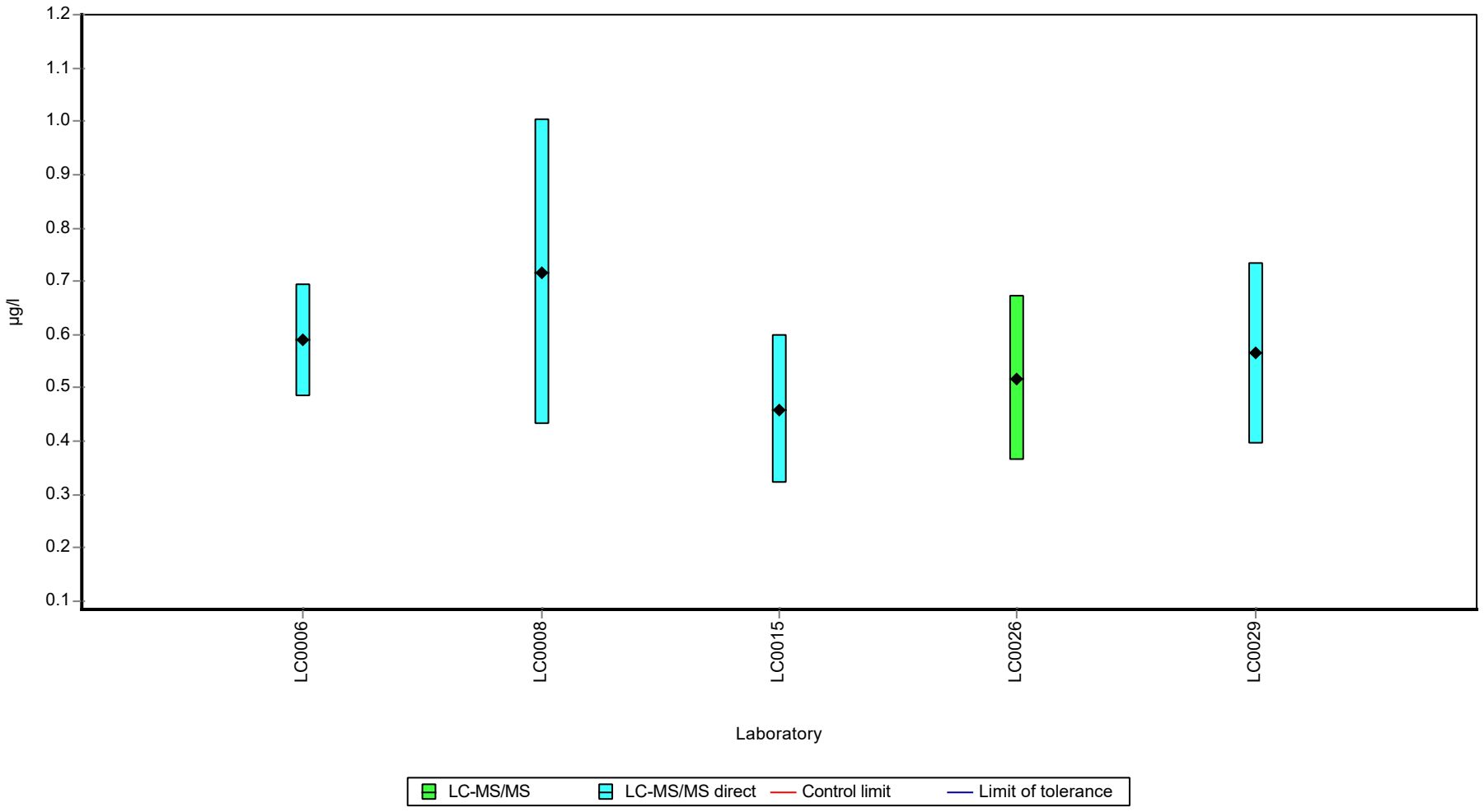
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.58965	0.10614	-	-	
LC0007	-	-	-	-	
LC0008	0.717	0.287	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.46	0.138	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.517	0.155	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	0.565	0.17	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.57 ± 0.129	-	µg/l
Minimum	0.46	0.46	µg/l
Maximum	0.717	0.717	µg/l
Standard deviation	0.0961	-	µg/l
rel. standard deviation	16.9	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H116 A

**Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.411 ± 0.0293
Criterion	0.0493 (12 %)
Minimum - Maximum	0.351 - 0.504
Control test value ± U (k=2)	0.446 ± 0.0669

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.472	0.118	115	1.24	
LC0002	0.227	0.075	55.3	-3.73	H
LC0003	-	-	-	-	
LC0004	0.38	0.049	92.5	-0.62	
LC0005	-	-	-	-	
LC0006	0.39357	0.07084	95.8	-0.35	
LC0007	-	-	-	-	
LC0008	0.369	0.148	89.8	-0.85	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.351	0.126	85.5	-1.21	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.402	0.088	97.9	-0.18	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.405	0.093	98.6	-0.12	
LC0024	-	-	-	-	
LC0025	0.37102	0.02282	90.3	-0.8	
LC0026	0.405	0.122	98.6	-0.12	
LC0027	-	-	-	-	
LC0028	0.504	0.038	123	1.89	
LC0029	0.465	0.14	113	1.1	
LC0030	-	-	-	-	

Characteristics of parameter

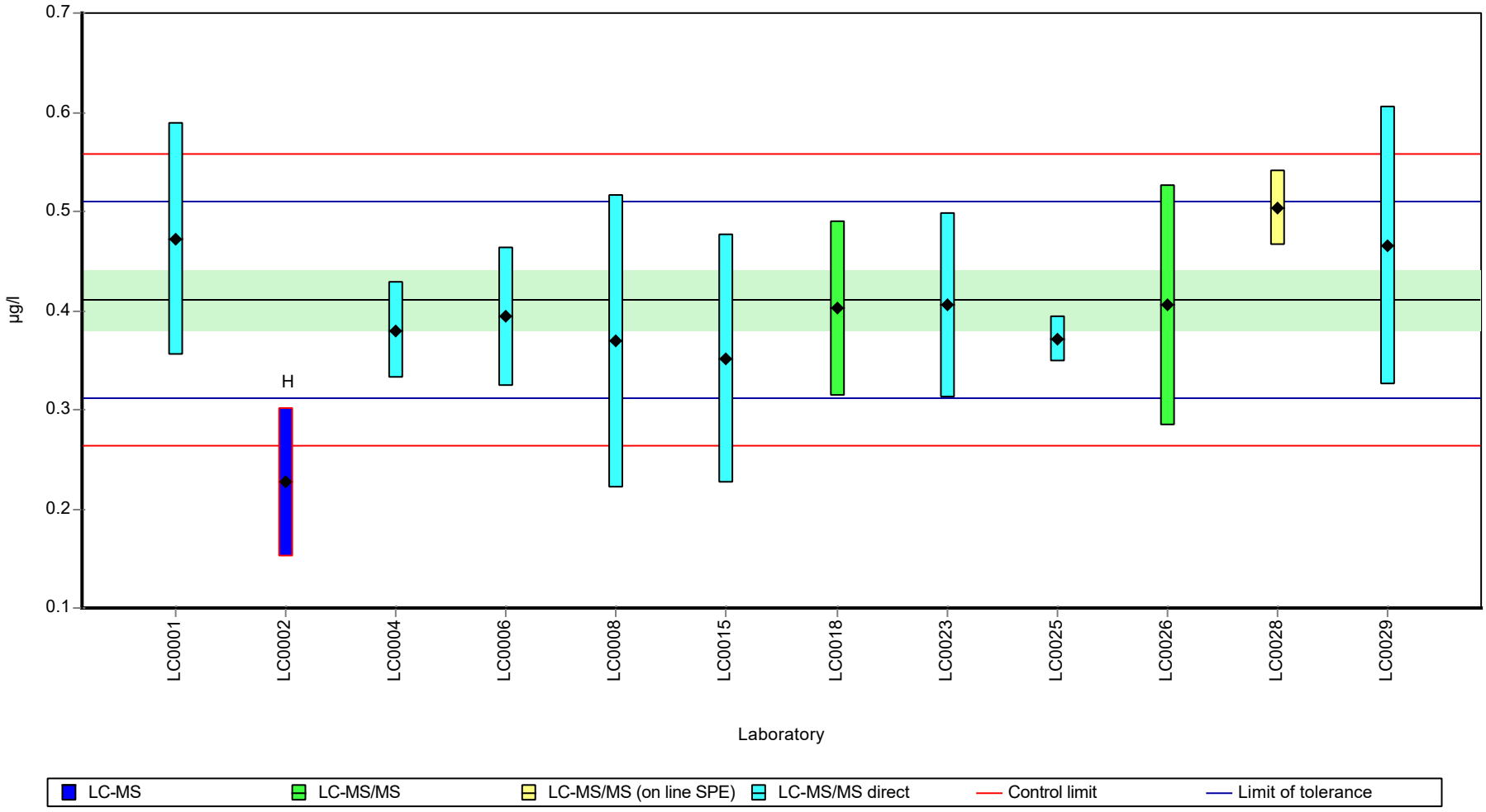
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.395 ± 0.061	0.411 ± 0.044	µg/l
Minimum	0.227	0.351	µg/l
Maximum	0.504	0.504	µg/l
Standard deviation	0.0704	0.0486	µg/l
rel. standard deviation	17.8	11.8	%
n	12	11	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Graphical presentation of results

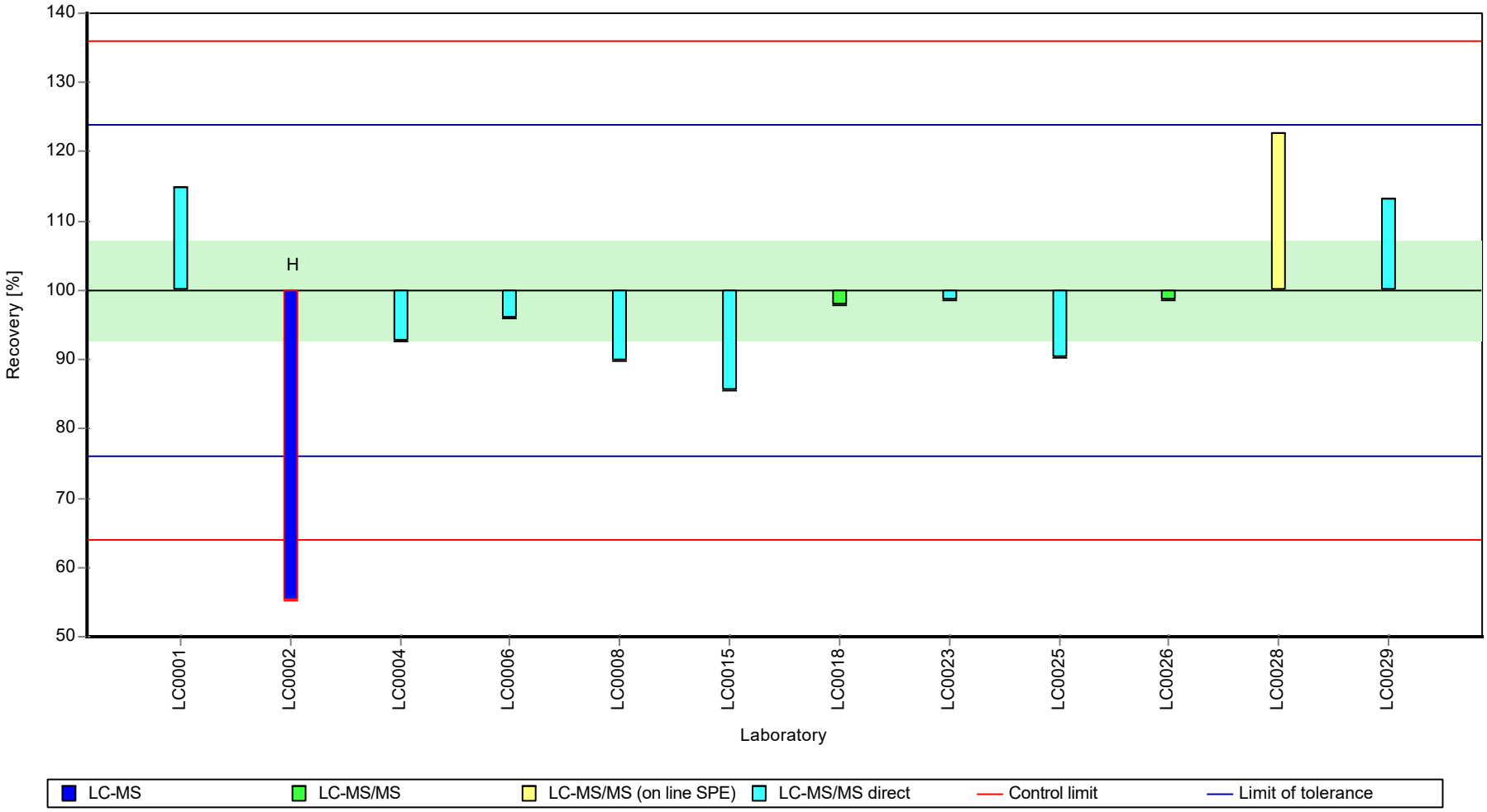
Results



Parameter oriented report Pesticides H116

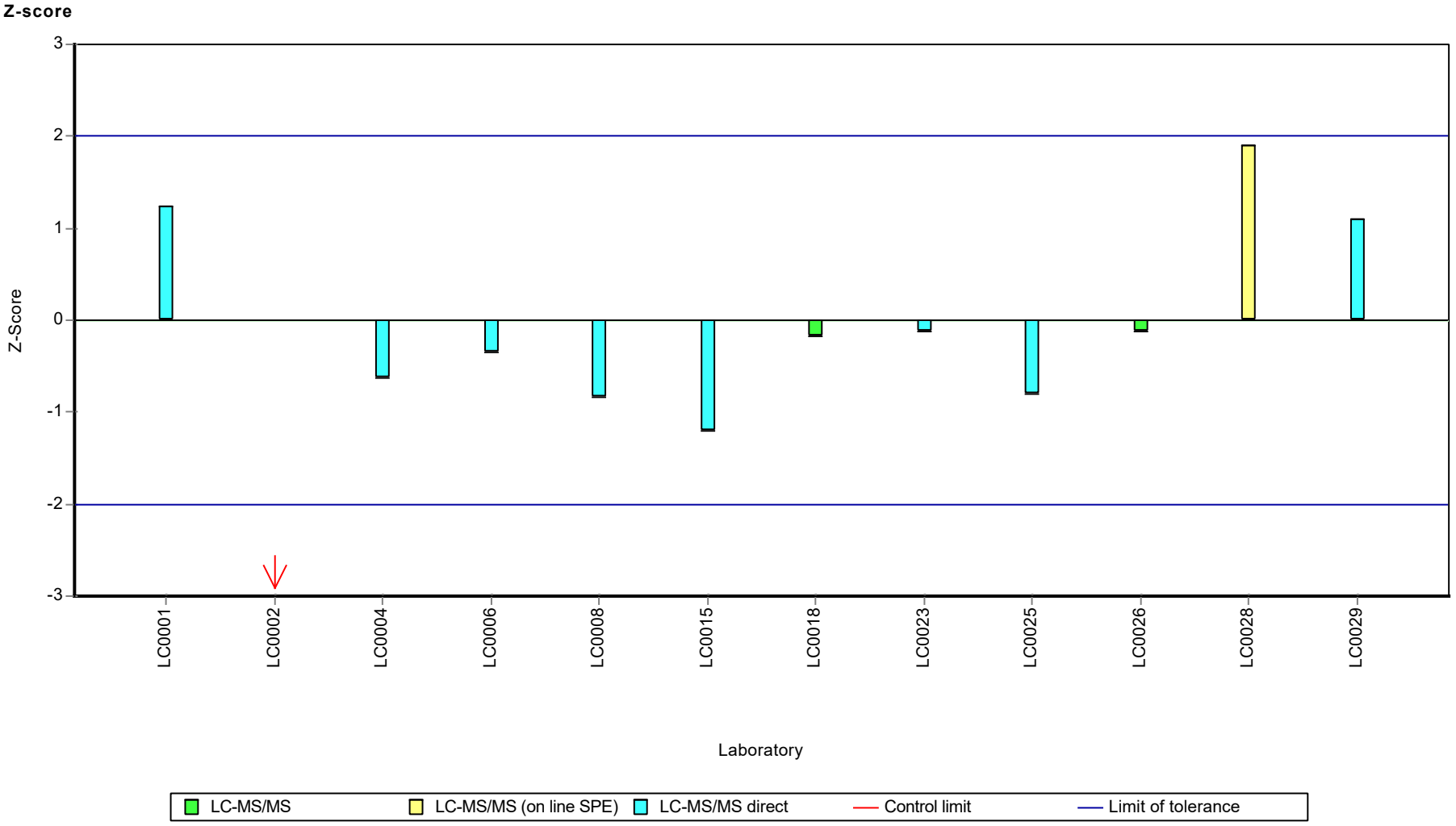
Sample: H116A, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)



Parameter oriented report

H116 B

**Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.611 ± 0.0328
Criterion	0.0611 (10 %)
Minimum - Maximum	0.553 - 0.705
Control test value ± U (k=2)	0.715 ± 0.107

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.705	0.176	115	1.54	
LC0002	0.386	0.127	63.2	-3.68	H
LC0003	-	-	-	-	
LC0004	0.56	0.072	91.6	-0.84	
LC0005	-	-	-	-	
LC0006	0.59651	0.10737	97.6	-0.24	
LC0007	-	-	-	-	
LC0008	0.594	0.238	97.2	-0.28	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.588	0.212	96.2	-0.38	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.59	0.13	96.6	-0.34	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.615	0.141	101	0.06	
LC0024	-	-	-	-	
LC0025	0.55312	0.03402	90.5	-0.95	
LC0026	0.609	0.183	99.7	-0.03	
LC0027	-	-	-	-	
LC0028	0.7	0.097	115	1.46	
LC0029	0.755	0.23	124	2.36	H
LC0030	-	-	-	-	

Characteristics of parameter

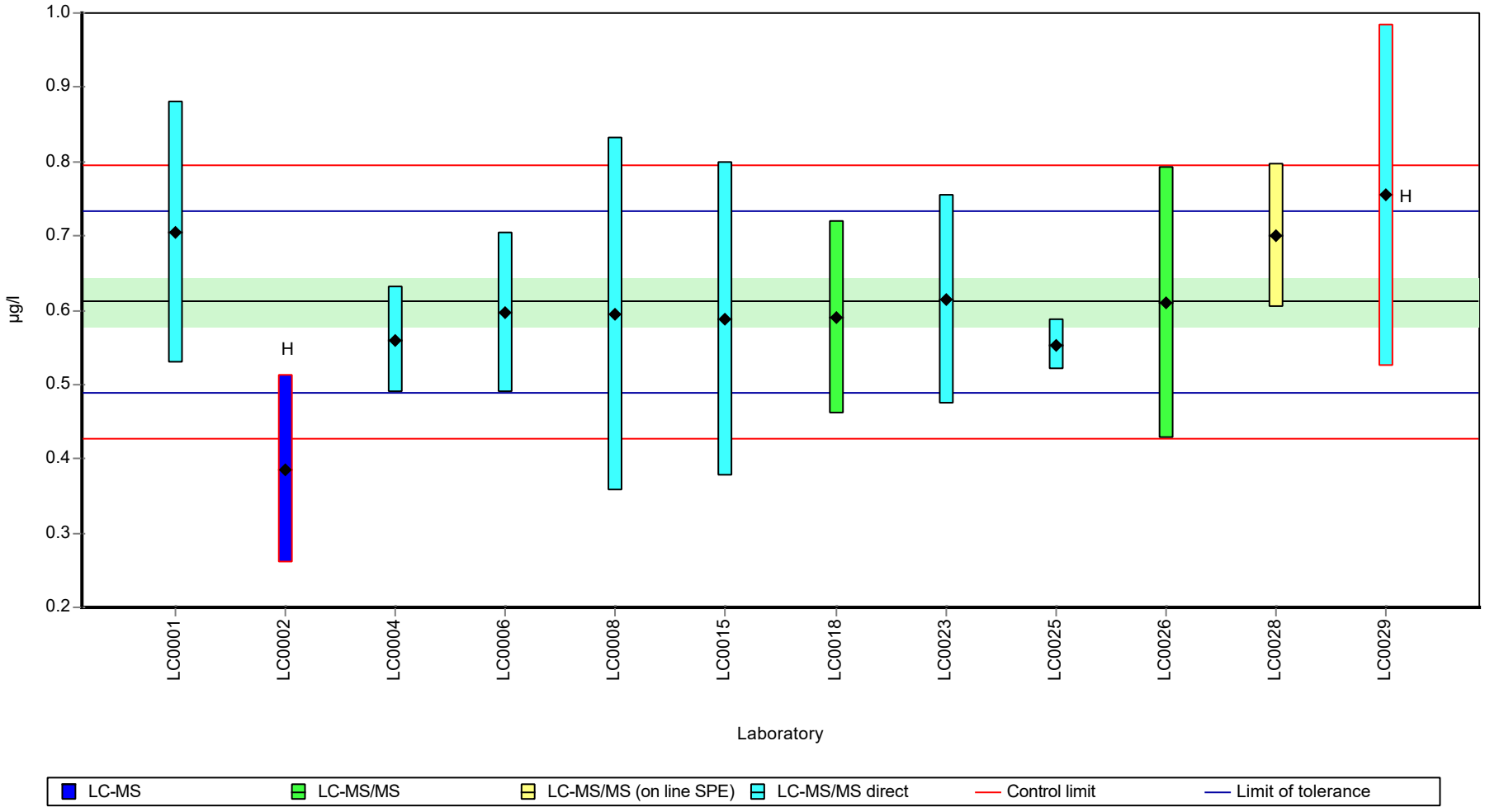
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.604 ± 0.0805	0.611 ± 0.0492	µg/l
Minimum	0.386	0.553	µg/l
Maximum	0.755	0.705	µg/l
Standard deviation	0.0929	0.0519	µg/l
rel. standard deviation	15.4	8.49	%
n	12	10	-

Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Graphical presentation of results

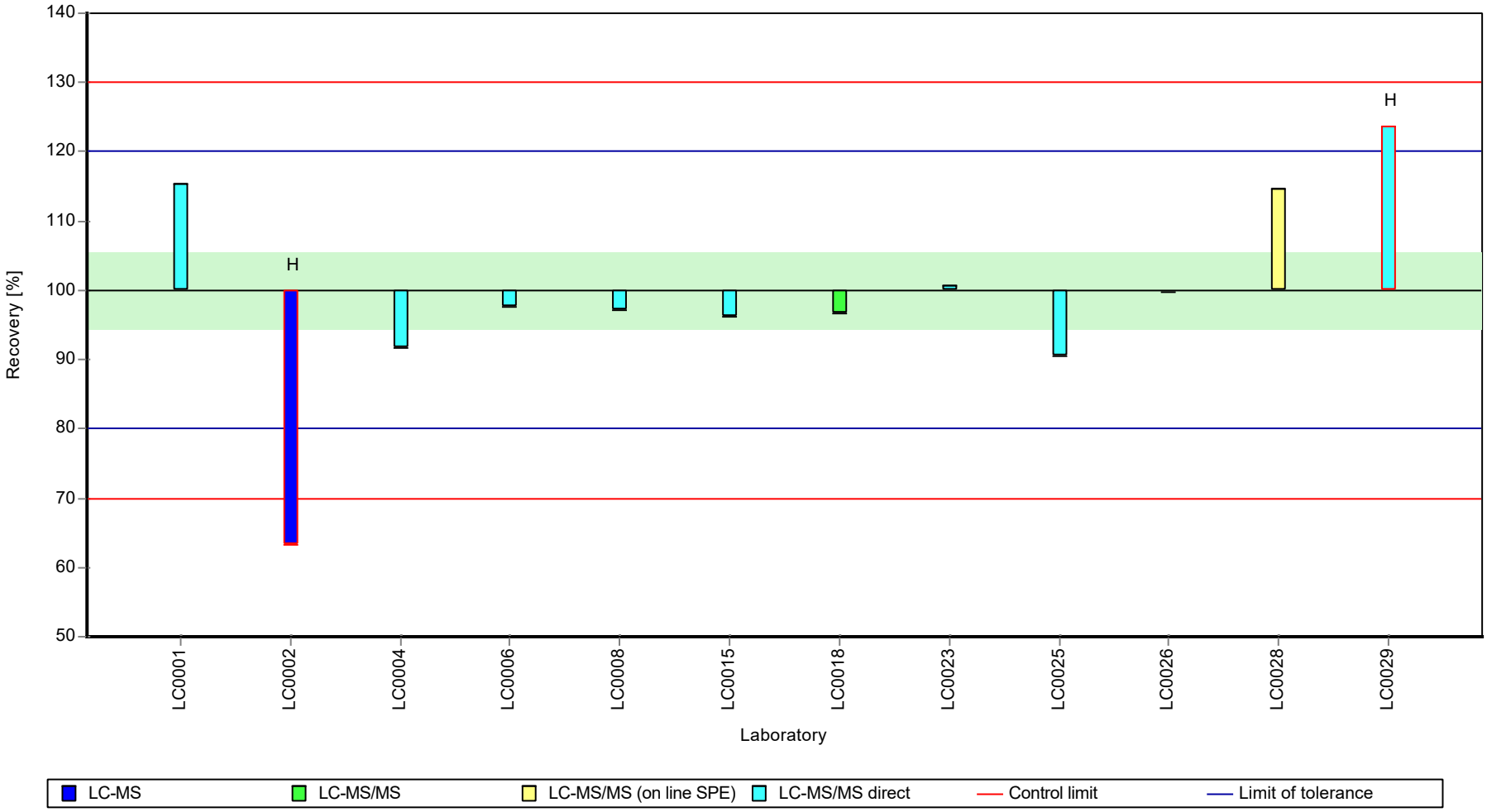
Results



Parameter oriented report Pesticides H116

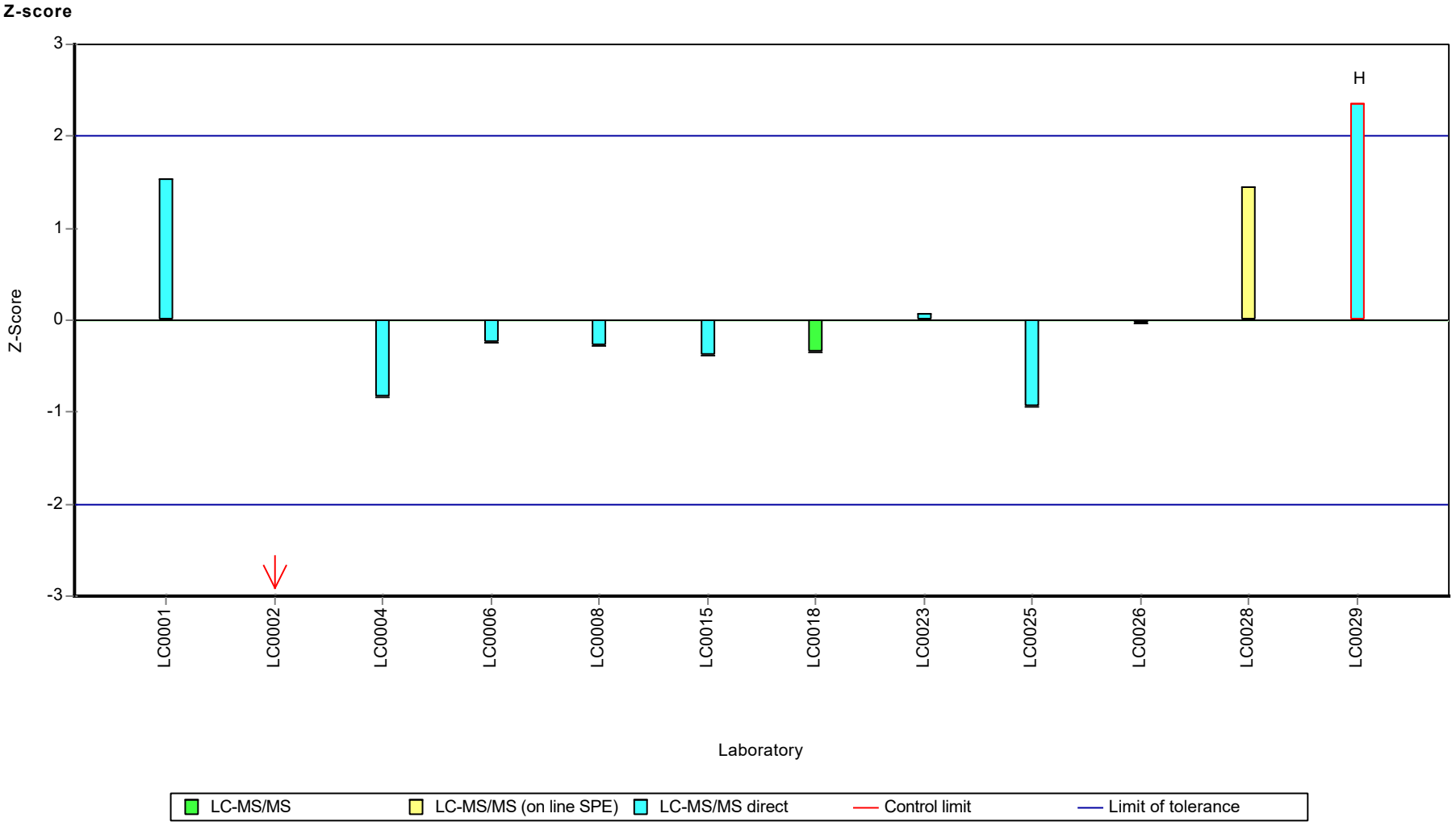
Sample: H116B, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)



Parameter oriented report

H116 A

Dicamba

Unit	µg/l
Assigned value ± U (k=2)	0.286 ± 0.0238
Criterion	0.0573 (20 %)
Minimum - Maximum	0.219 - 0.36
Control test value ± U (k=2)	0.292 ± 0.0877

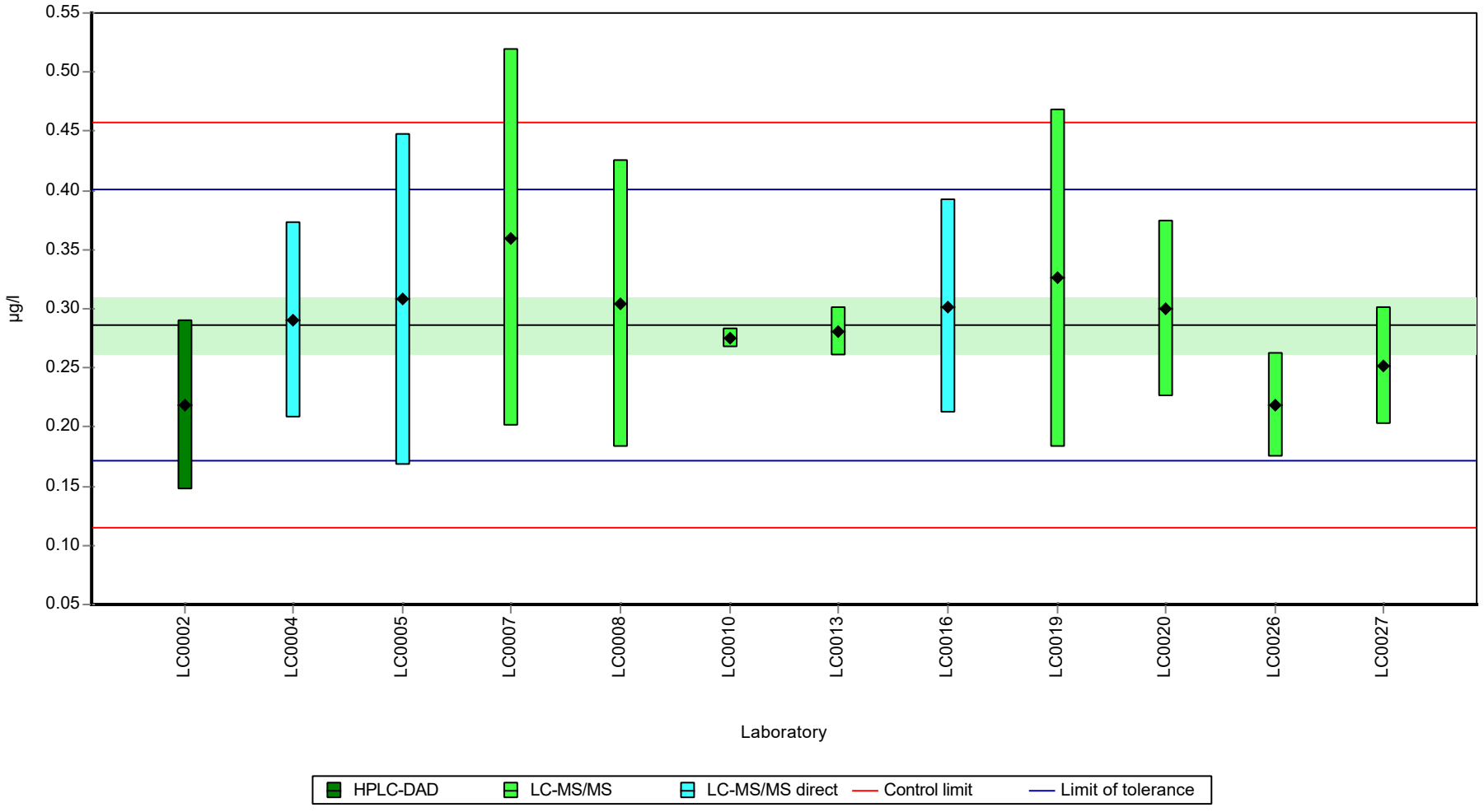
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.219	0.072	76.5	-1.18	
LC0003	-	-	-	-	
LC0004	0.29	0.083	101	0.06	
LC0005	0.308	0.14	108	0.38	
LC0006	-	-	-	-	
LC0007	0.36	0.16	126	1.29	
LC0008	0.304	0.122	106	0.31	
LC0009	-	-	-	-	
LC0010	0.275	0.008	96	-0.2	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.281	0.021	98.1	-0.09	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.302	0.091	105	0.27	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.326	0.143	114	0.69	
LC0020	0.3	0.075	105	0.24	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.219	0.044	76.5	-1.18	
LC0027	0.252	0.05	88	-0.6	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.286 ± 0.0356	0.286 ± 0.0356	µg/l
Minimum	0.219	0.219	µg/l
Maximum	0.36	0.36	µg/l
Standard deviation	0.0412	0.0412	µg/l
rel. standard deviation	14.4	14.4	%
n	12	12	-

Graphical presentation of results

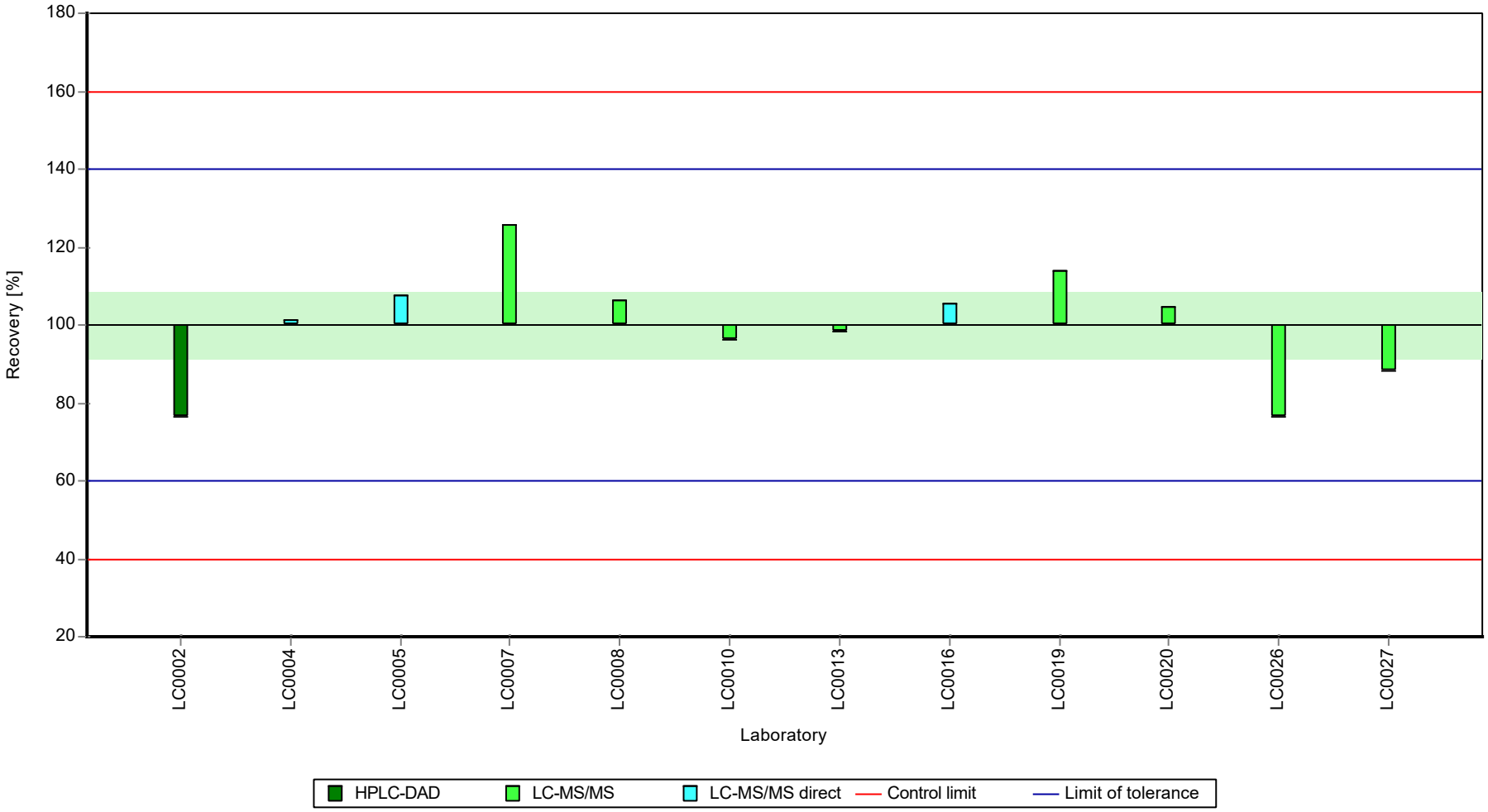
Results



Parameter oriented report Pesticides H116

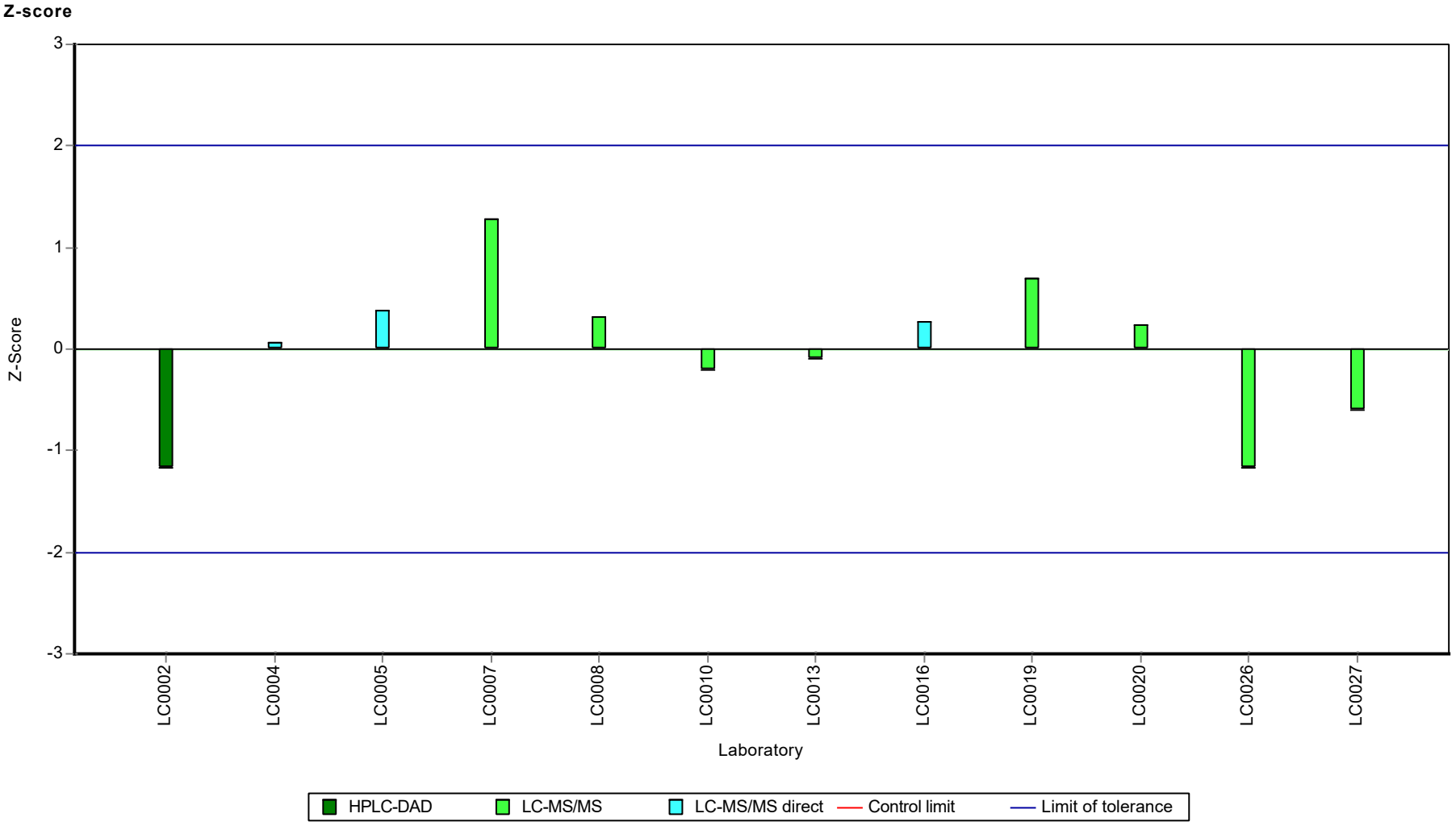
Sample: H116A, Parameter: Dicamba

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Dicamba



Parameter oriented report

H116 B

Dicamba

Unit	µg/l
Assigned value ± U (k=2)	0.626 ± 0.0445
Criterion	0.125 (20 %)
Minimum - Maximum	0.52 - 0.79
Control test value ± U (k=2)	0.714 ± 0.214

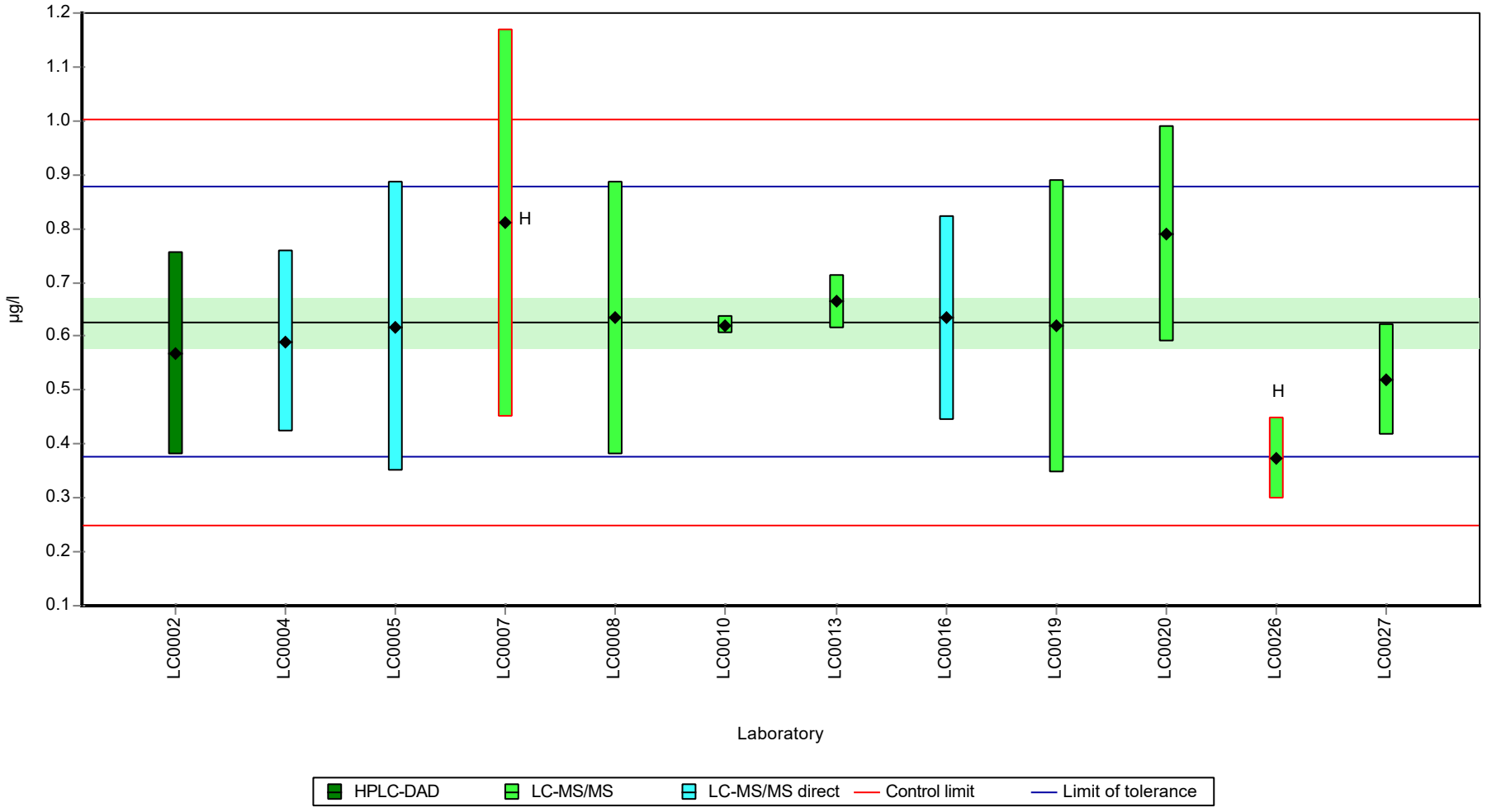
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.569	0.188	90.9	-0.46	
LC0003	-	-	-	-	
LC0004	0.59	0.169	94.2	-0.29	
LC0005	0.618	0.27	98.7	-0.06	
LC0006	-	-	-	-	
LC0007	0.81	0.36	129	1.47	H
LC0008	0.634	0.254	101	0.06	
LC0009	-	-	-	-	
LC0010	0.621	0.017	99.2	-0.04	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.665	0.05	106	0.31	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.634	0.19	101	0.06	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.619	0.272	98.9	-0.06	
LC0020	0.79	0.2	126	1.31	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.374	0.075	59.7	-2.01	H
LC0027	0.52	0.104	83.1	-0.85	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.62 ± 0.0982	0.626 ± 0.0667	µg/l
Minimum	0.374	0.52	µg/l
Maximum	0.81	0.79	µg/l
Standard deviation	0.113	0.0703	µg/l
rel. standard deviation	18.3	11.2	%
n	12	10	-

Graphical presentation of results

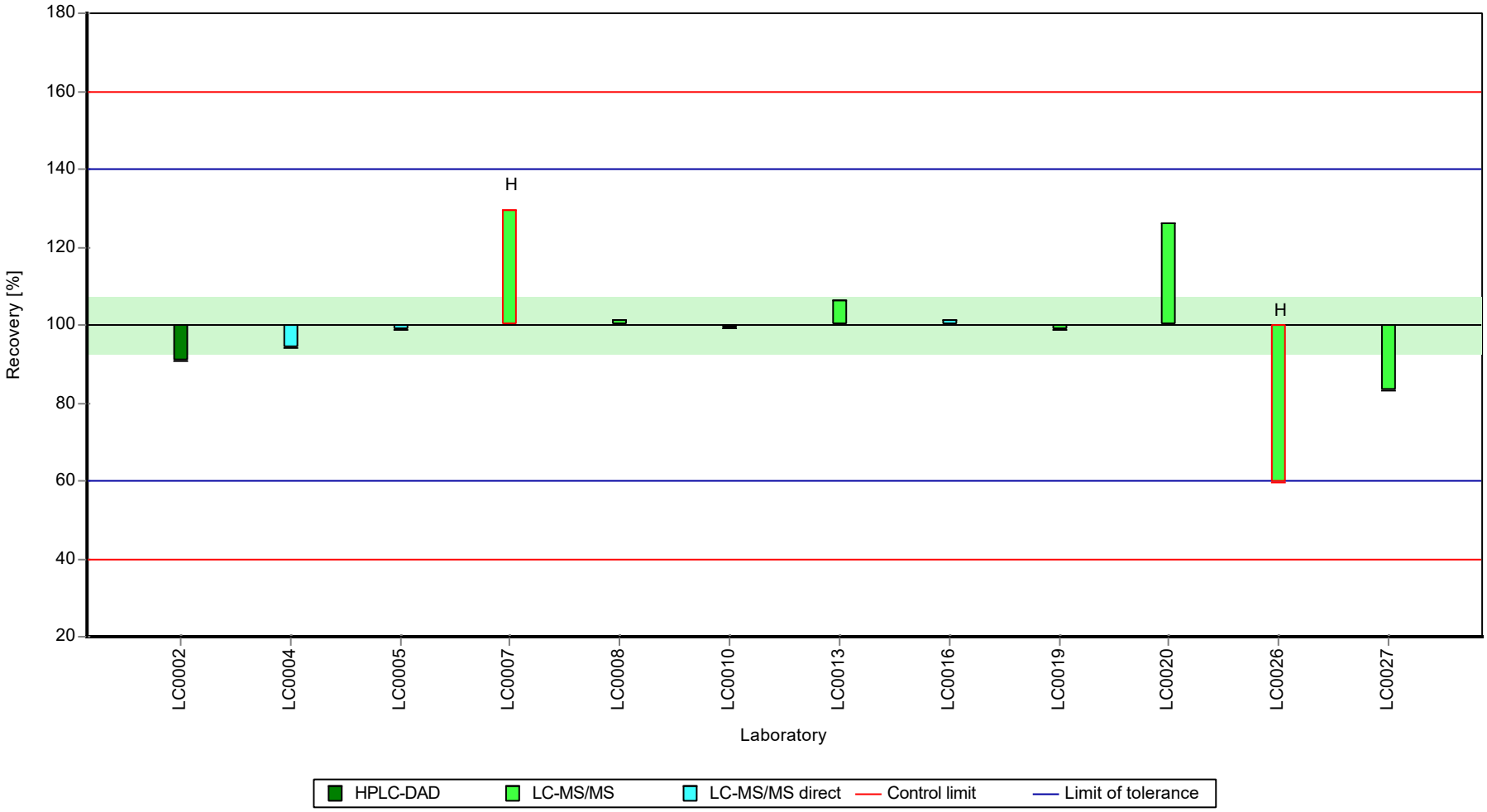
Results



Parameter oriented report Pesticides H116

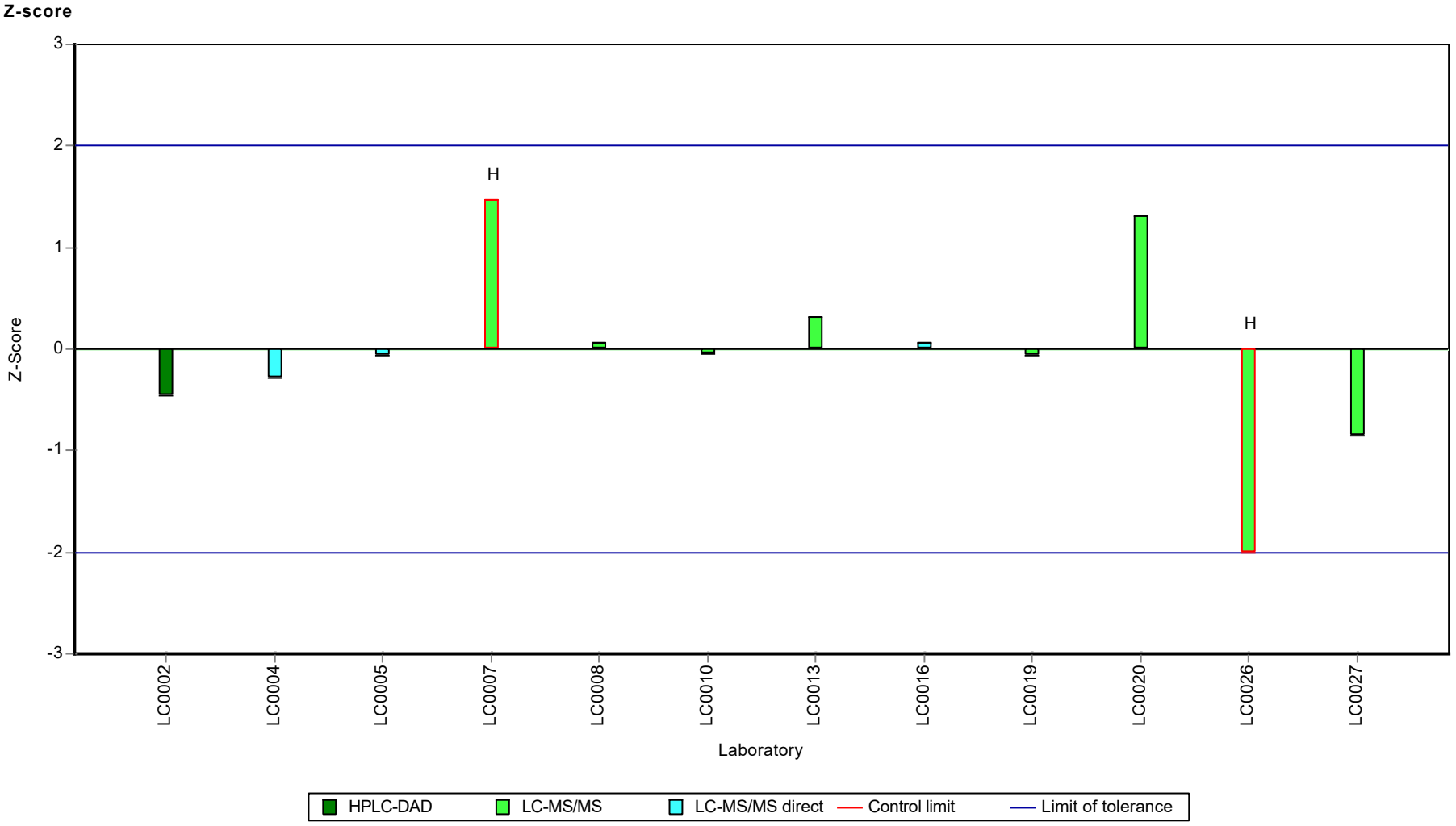
Sample: H116B, Parameter: Dicamba

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Dicamba



Parameter oriented report

H116 A

Dichlorprop

Unit	µg/l
Assigned value ± U (k=2)	0.154 ± 0.0034
Criterion	0.0185 (12 %)
Minimum - Maximum	0.141 - 0.168
Control test value ± U (k=2)	0.164 ± 0.0246

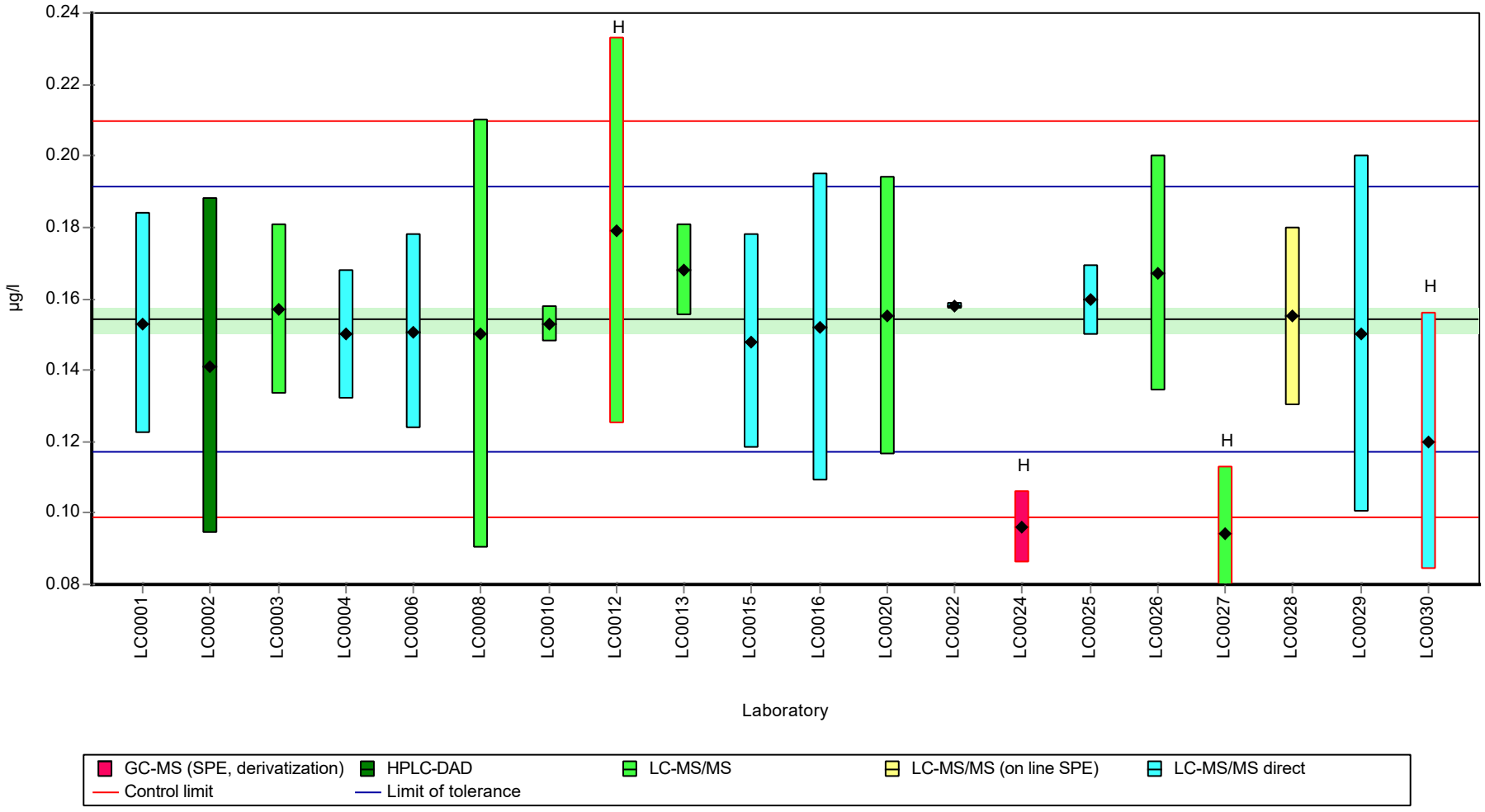
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.153	0.031	99.2	-0.07	
LC0002	0.141	0.047	91.4	-0.71	
LC0003	0.157	0.024	102	0.15	
LC0004	0.15	0.018	97.3	-0.23	
LC0005	-	-	-	-	
LC0006	0.15078	0.02714	97.8	-0.19	
LC0007	-	-	-	-	
LC0008	0.15	0.06	97.3	-0.23	
LC0009	-	-	-	-	
LC0010	0.153	0.005	99.2	-0.07	
LC0011	-	-	-	-	
LC0012	0.1789	0.054	116	1.33	H
LC0013	0.168	0.013	109	0.74	
LC0014	-	-	-	-	
LC0015	0.148	0.03	96	-0.34	
LC0016	0.152	0.043	98.6	-0.12	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.155	0.039	101	0.04	
LC0021	-	-	-	-	
LC0022	0.158	0.001	102	0.2	
LC0023	-	-	-	-	
LC0024	0.096	0.01	62.2	-3.15	H
LC0025	0.15971	0.0099	104	0.3	
LC0026	0.167	0.033	108	0.69	
LC0027	0.0943	0.0189	61.1	-3.24	H
LC0028	0.155	0.025	101	0.04	
LC0029	0.15	0.05	97.3	-0.23	
LC0030	0.12	0.036	77.8	-1.85	H

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.148 ± 0.0143	0.154 ± 0.0051	µg/l
Minimum	0.0943	0.141	µg/l
Maximum	0.179	0.168	µg/l
Standard deviation	0.0213	0.0068	µg/l
rel. standard deviation	14.4	4.41	%
n	20	16	-

Graphical presentation of results

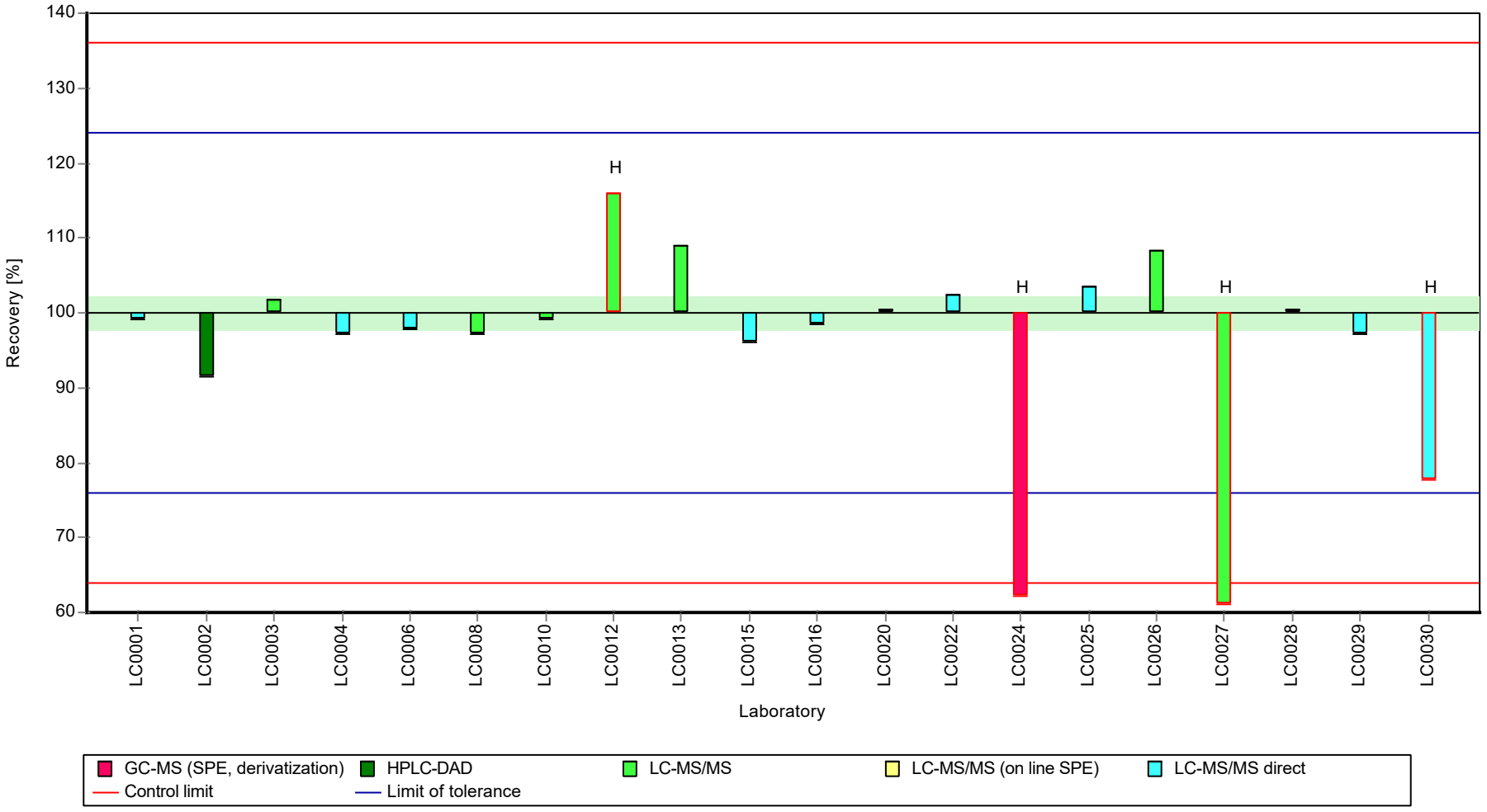
Results



Parameter oriented report Pesticides H116

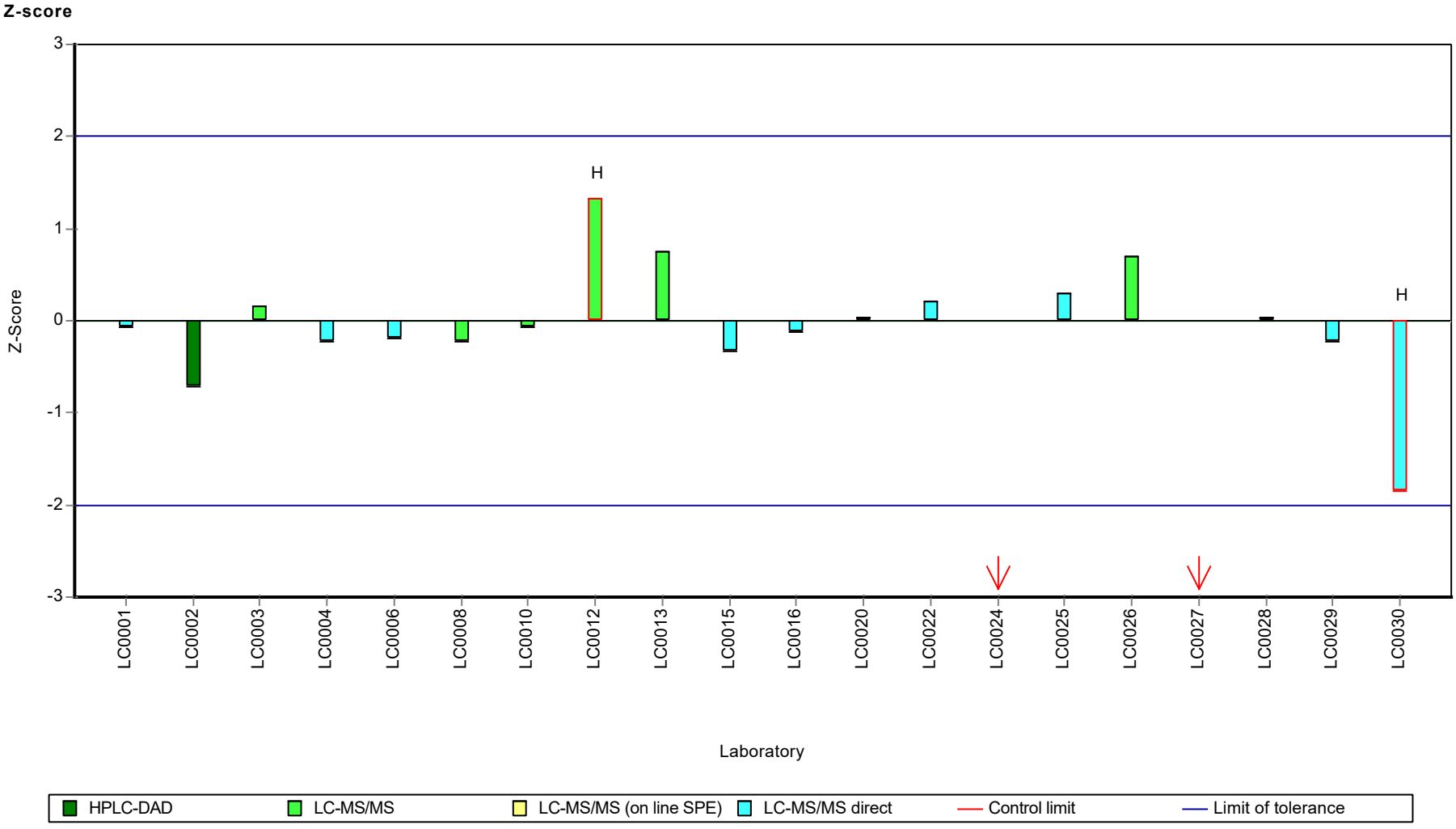
Sample: H116A, Parameter: Dichlorprop

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Dichlorprop



Parameter oriented report

H116 B

Dichlorprop

Unit	µg/l
Assigned value ± U (k=2)	0.502 ± 0.0113
Criterion	0.0602 (12 %)
Minimum - Maximum	0.445 - 0.544
Control test value ± U (k=2)	0.572 ± 0.0857

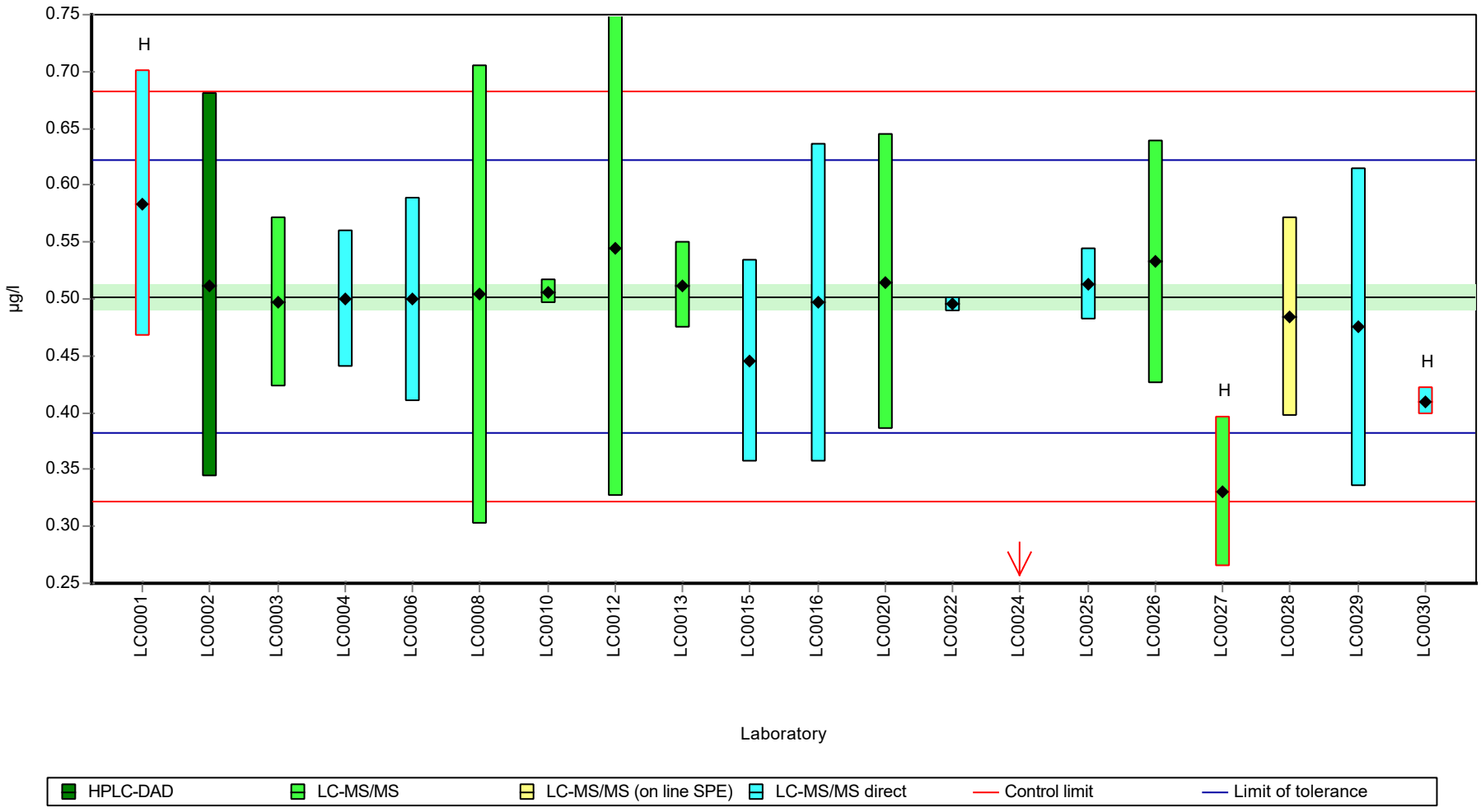
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.584	0.117	116	1.36	H
LC0002	0.512	0.169	102	0.17	
LC0003	0.497	0.075	99	-0.08	
LC0004	0.5	0.06	99.6	-0.03	
LC0005	-	-	-	-	
LC0006	0.4998	0.08996	99.6	-0.04	
LC0007	-	-	-	-	
LC0008	0.504	0.202	100	0.03	
LC0009	-	-	-	-	
LC0010	0.506	0.011	101	0.07	
LC0011	-	-	-	-	
LC0012	0.5443	0.218	108	0.7	
LC0013	0.512	0.038	102	0.17	
LC0014	-	-	-	-	
LC0015	0.445	0.089	88.6	-0.95	
LC0016	0.497	0.14	99	-0.08	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.515	0.13	103	0.22	
LC0021	-	-	-	-	
LC0022	0.495	0.006	98.6	-0.12	
LC0023	-	-	-	-	
LC0024	0.186	0.017	37	-5.25	H
LC0025	0.51338	0.03183	102	0.19	
LC0026	0.533	0.107	106	0.51	
LC0027	0.331	0.066	65.9	-2.84	H
LC0028	0.484	0.088	96.4	-0.3	
LC0029	0.475	0.14	94.6	-0.45	
LC0030	0.41	0.012	81.7	-1.53	H

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.477 ± 0.0575	0.502 ± 0.017	µg/l
Minimum	0.186	0.445	µg/l
Maximum	0.584	0.544	µg/l
Standard deviation	0.0857	0.0226	µg/l
rel. standard deviation	18	4.51	%
n	20	16	-

Graphical presentation of results

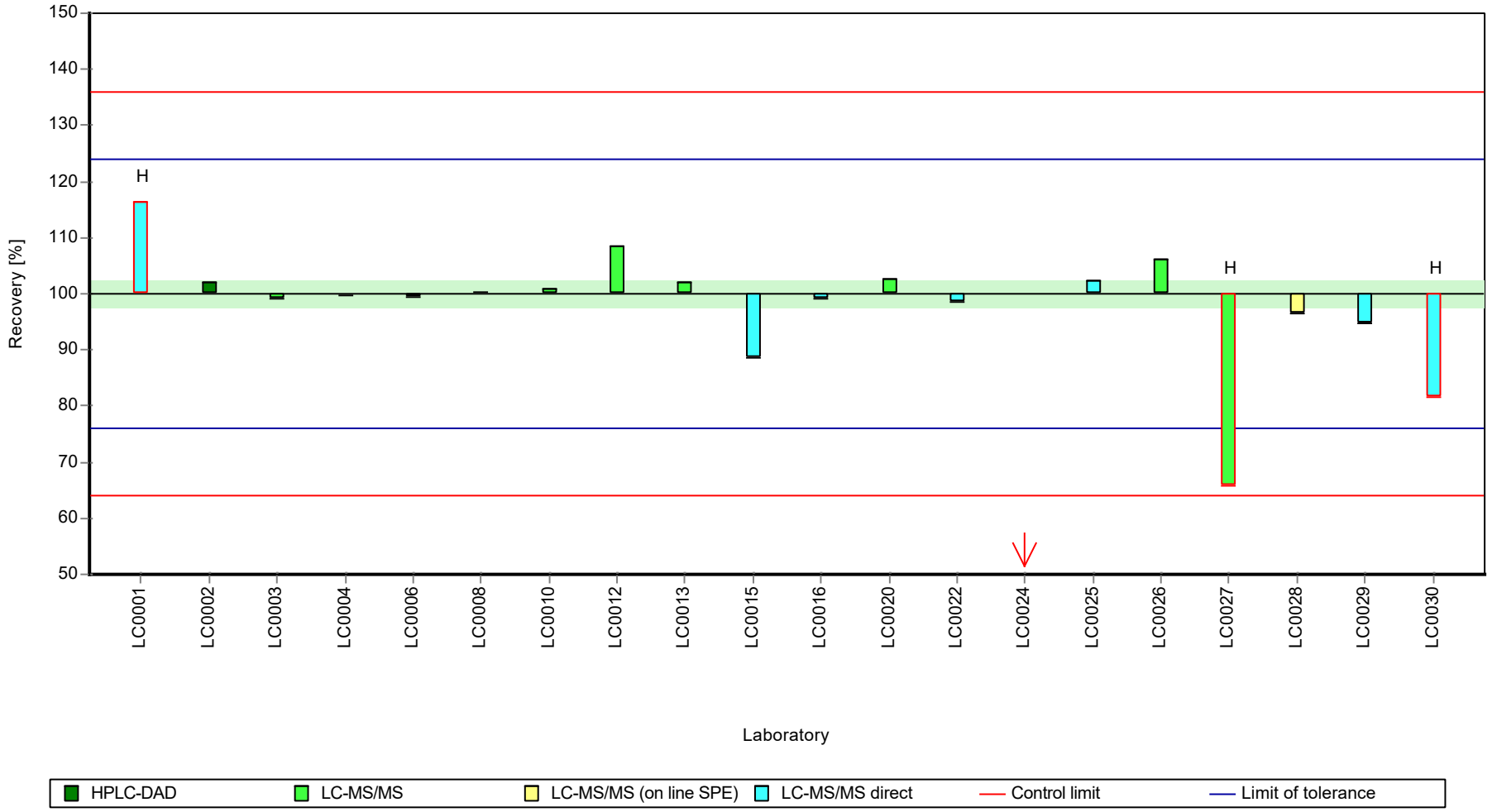
Results



Parameter oriented report Pesticides H116

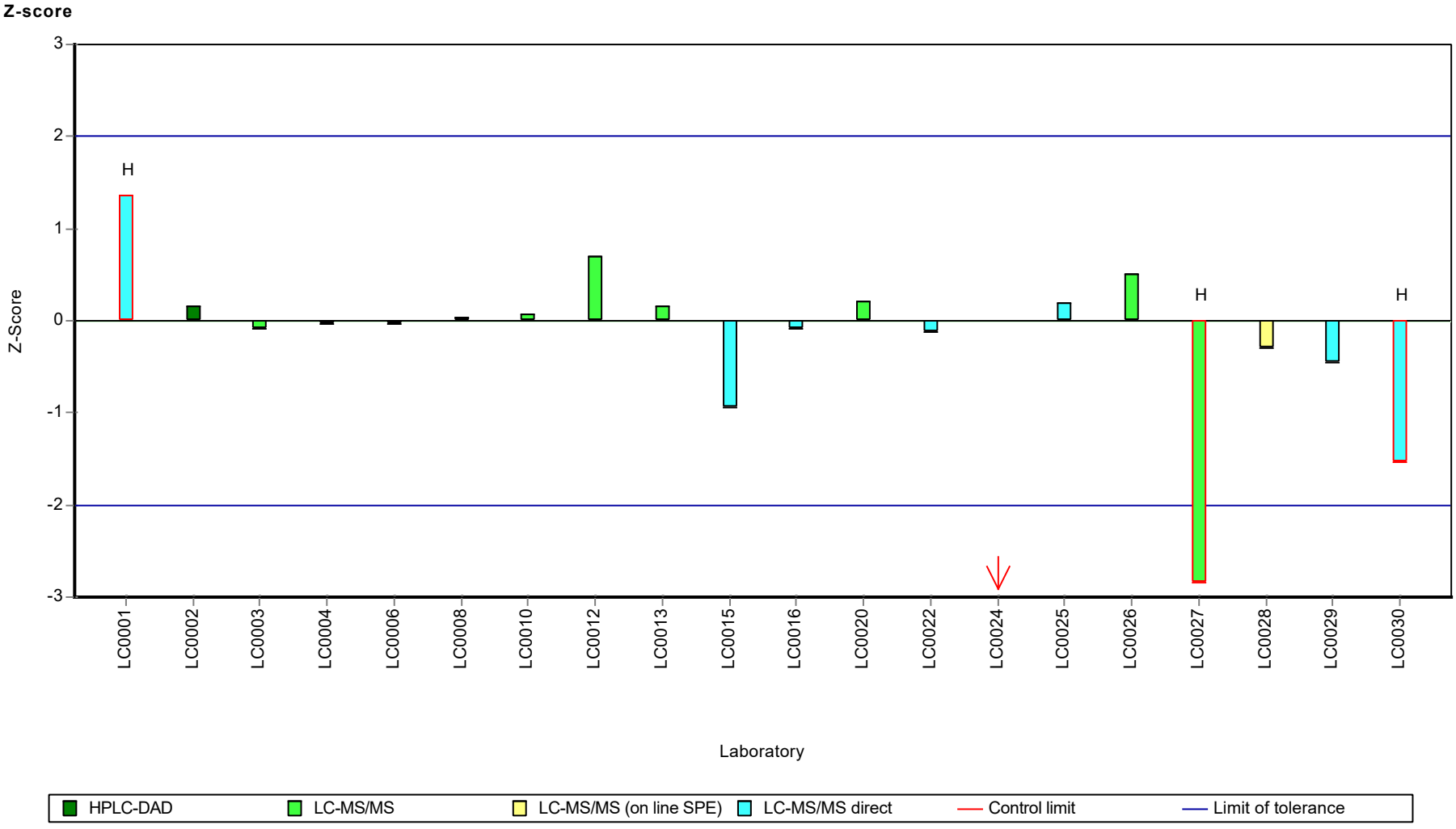
Sample: H116B, Parameter: Dichlorprop

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Dichlorprop



Parameter oriented report

H116 A

**Dimethachlor Metabolite - CGA 369873

Unit	µg/l
Assigned value ± U (k=2)	0.514 ± 0.0326
Criterion	0.0565 (11 %)
Minimum - Maximum	0.414 - 0.596
Control test value ± U (k=2)	0.520 ± 0.104

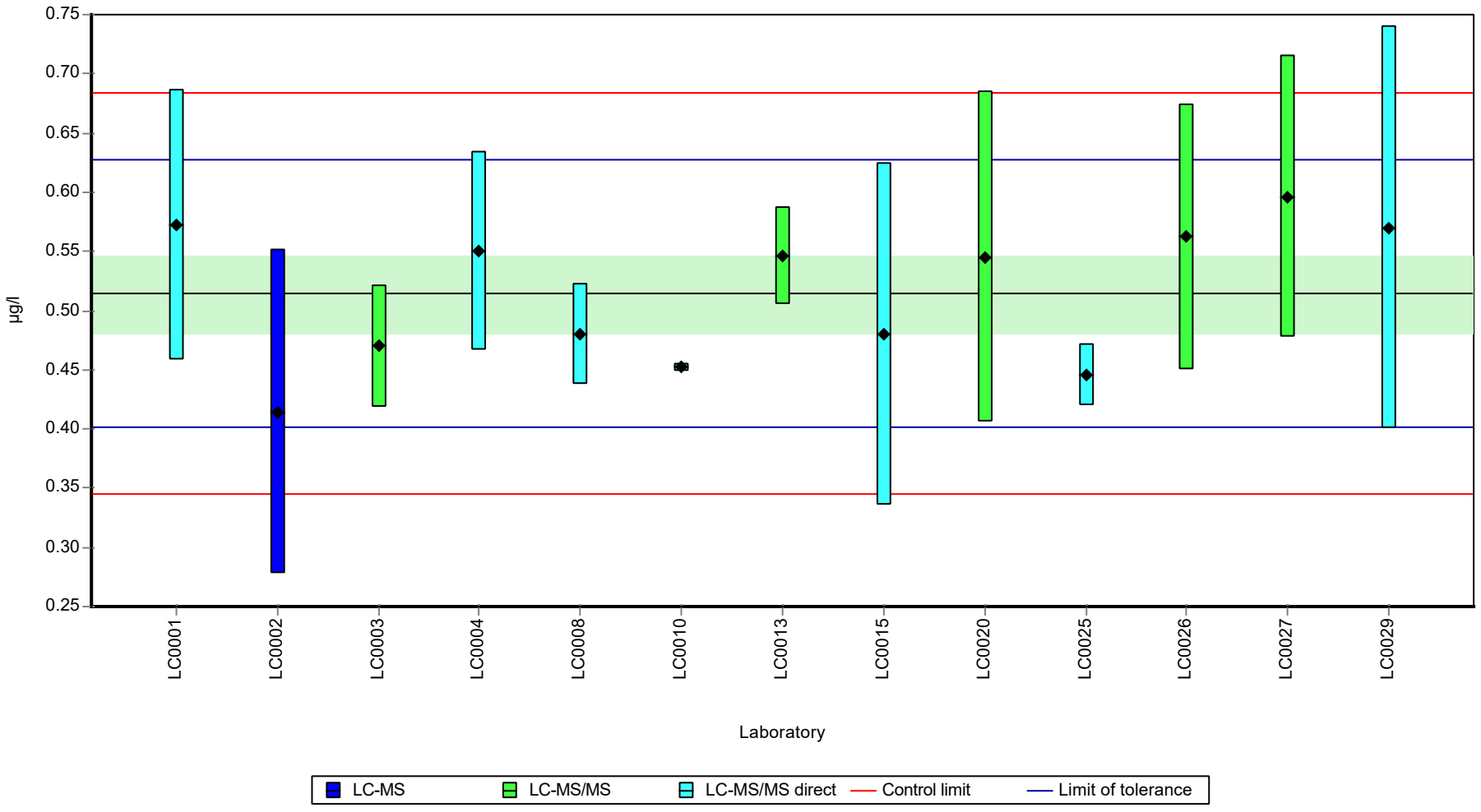
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.572	0.114	111	1.02	
LC0002	0.414	0.137	80.5	-1.77	
LC0003	0.47	0.052	91.4	-0.78	
LC0004	0.55	0.084	107	0.64	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.48	0.0432	93.4	-0.6	
LC0009	-	-	-	-	
LC0010	0.452	0.003	87.9	-1.1	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.546	0.041	106	0.56	
LC0014	-	-	-	-	
LC0015	0.48	0.144	93.4	-0.6	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.545	0.14	106	0.55	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.4457	0.02585	86.7	-1.21	
LC0026	0.562	0.112	109	0.85	
LC0027	0.596	0.119	116	1.45	
LC0028	-	-	-	-	
LC0029	0.57	0.17	111	0.99	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.514 ± 0.049	0.514 ± 0.049	µg/l
Minimum	0.414	0.414	µg/l
Maximum	0.596	0.596	µg/l
Standard deviation	0.0589	0.0589	µg/l
rel. standard deviation	11.4	11.4	%
n	13	13	-

Graphical presentation of results

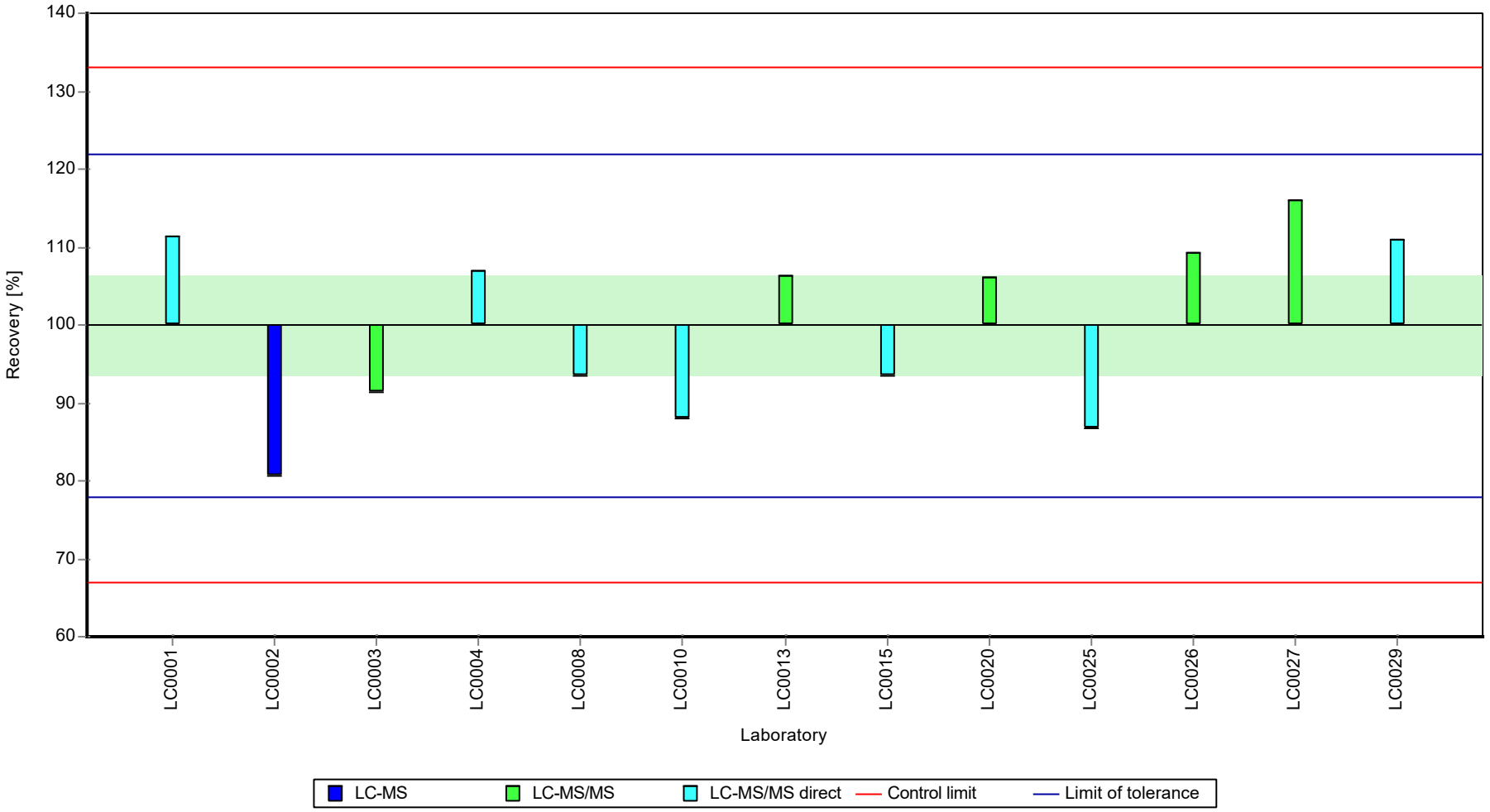
Results



Parameter oriented report Pesticides H116

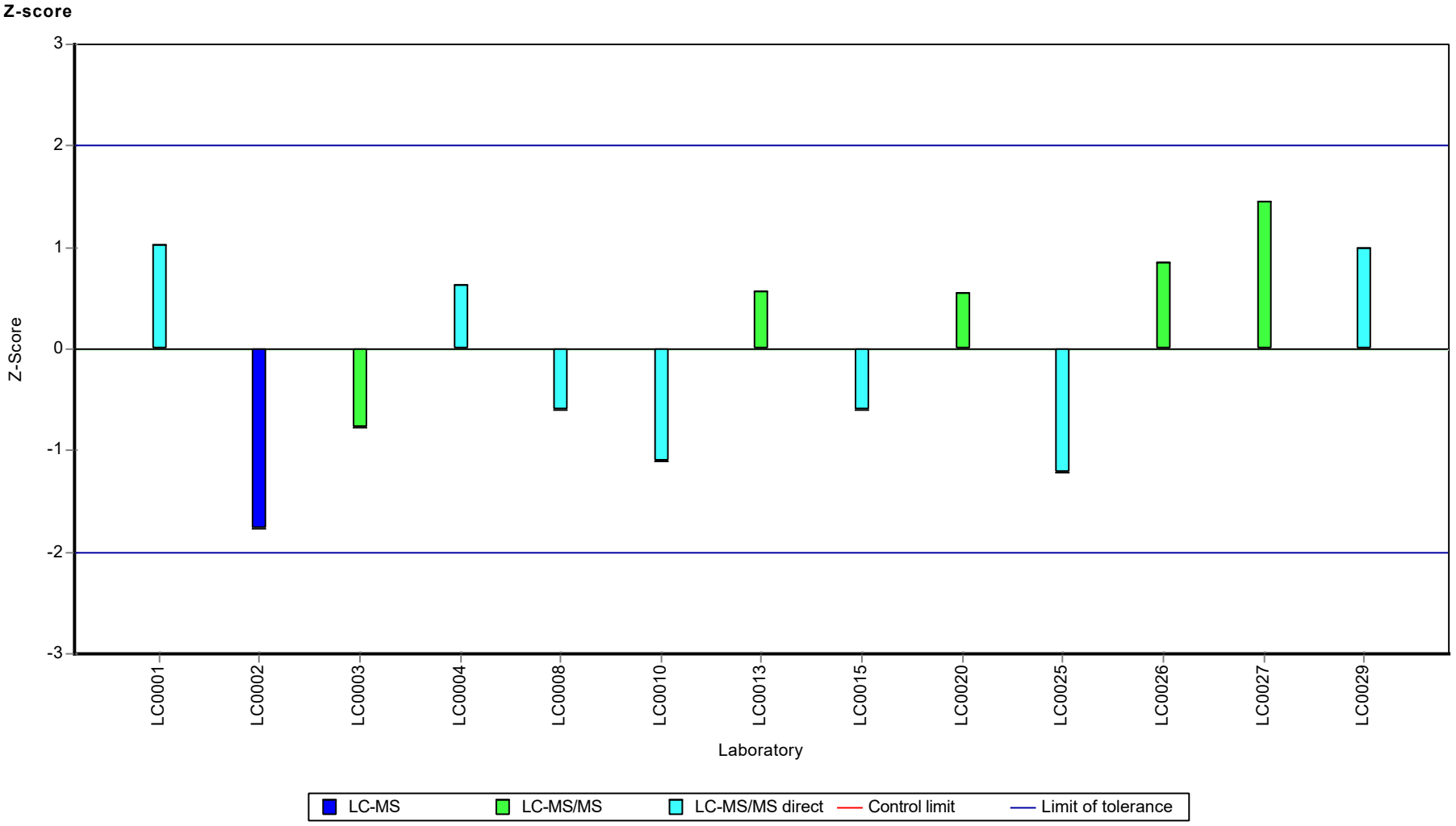
Sample: H116A, Parameter: Dimethachlor Metabolite - CGA 369873

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Dimethachlor Metabolite - CGA 369873



Parameter oriented report

H116 B

**Dimethachlor Metabolite - CGA 369873

Unit	µg/l
Assigned value ± U (k=2)	0.507 ± 0.0451
Criterion	0.0811 (16 %)
Minimum - Maximum	0.382 - 0.665
Control test value ± U (k=2)	0.506 ± 0.101

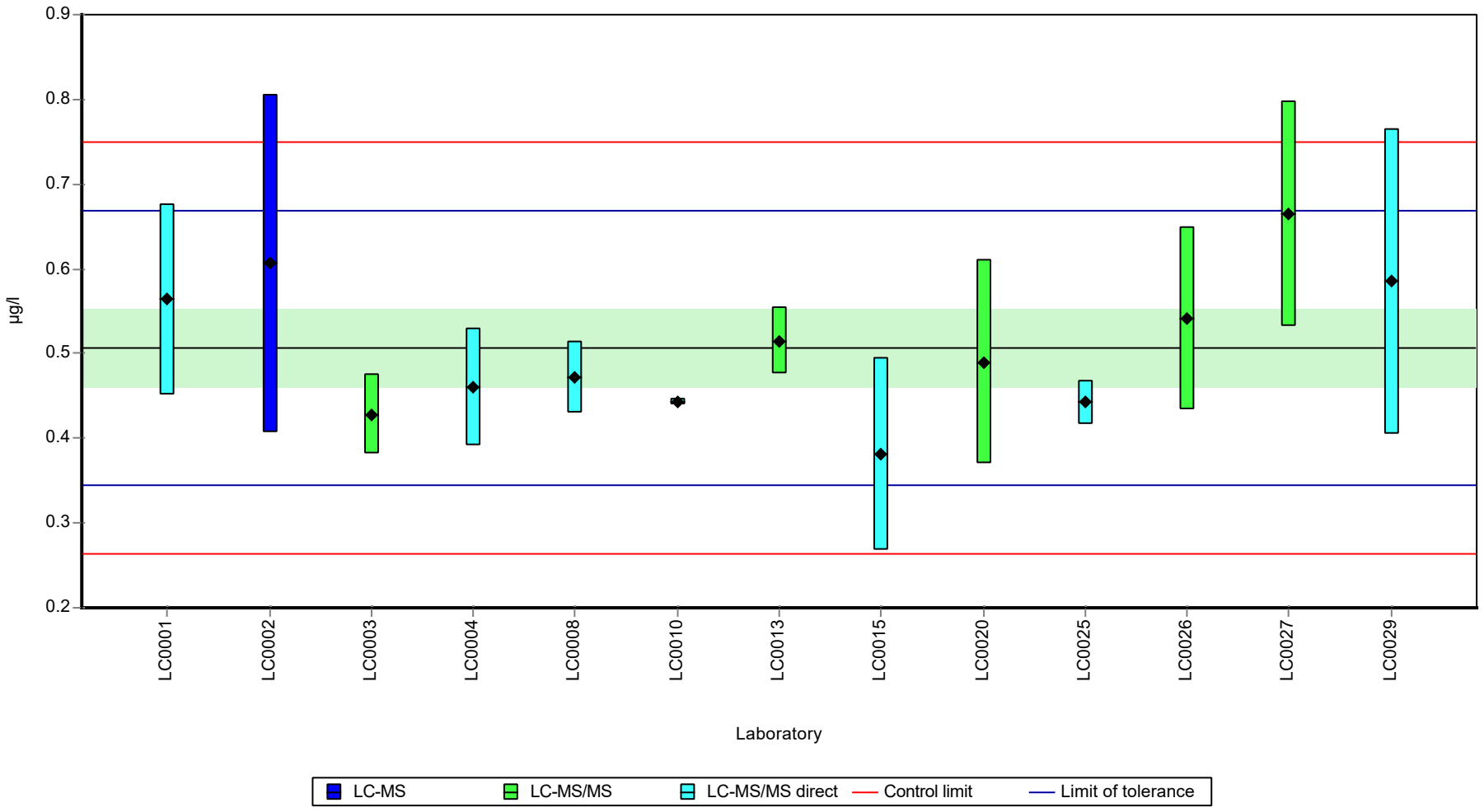
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.564	0.113	111	0.7	
LC0002	0.606	0.2	119	1.22	
LC0003	0.428	0.047	84.4	-0.98	
LC0004	0.46	0.07	90.7	-0.58	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.471	0.0424	92.9	-0.45	
LC0009	-	-	-	-	
LC0010	0.443	0.003	87.4	-0.79	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	0.515	0.039	102	0.1	
LC0014	-	-	-	-	
LC0015	0.382	0.114	75.3	-1.54	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.49	0.12	96.6	-0.21	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.44255	0.02567	87.3	-0.8	
LC0026	0.541	0.108	107	0.42	
LC0027	0.665	0.133	131	1.95	
LC0028	-	-	-	-	
LC0029	0.585	0.18	115	0.96	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.507 ± 0.0676	0.507 ± 0.0676	µg/l
Minimum	0.382	0.382	µg/l
Maximum	0.665	0.665	µg/l
Standard deviation	0.0813	0.0813	µg/l
rel. standard deviation	16	16	%
n	13	13	-

Graphical presentation of results

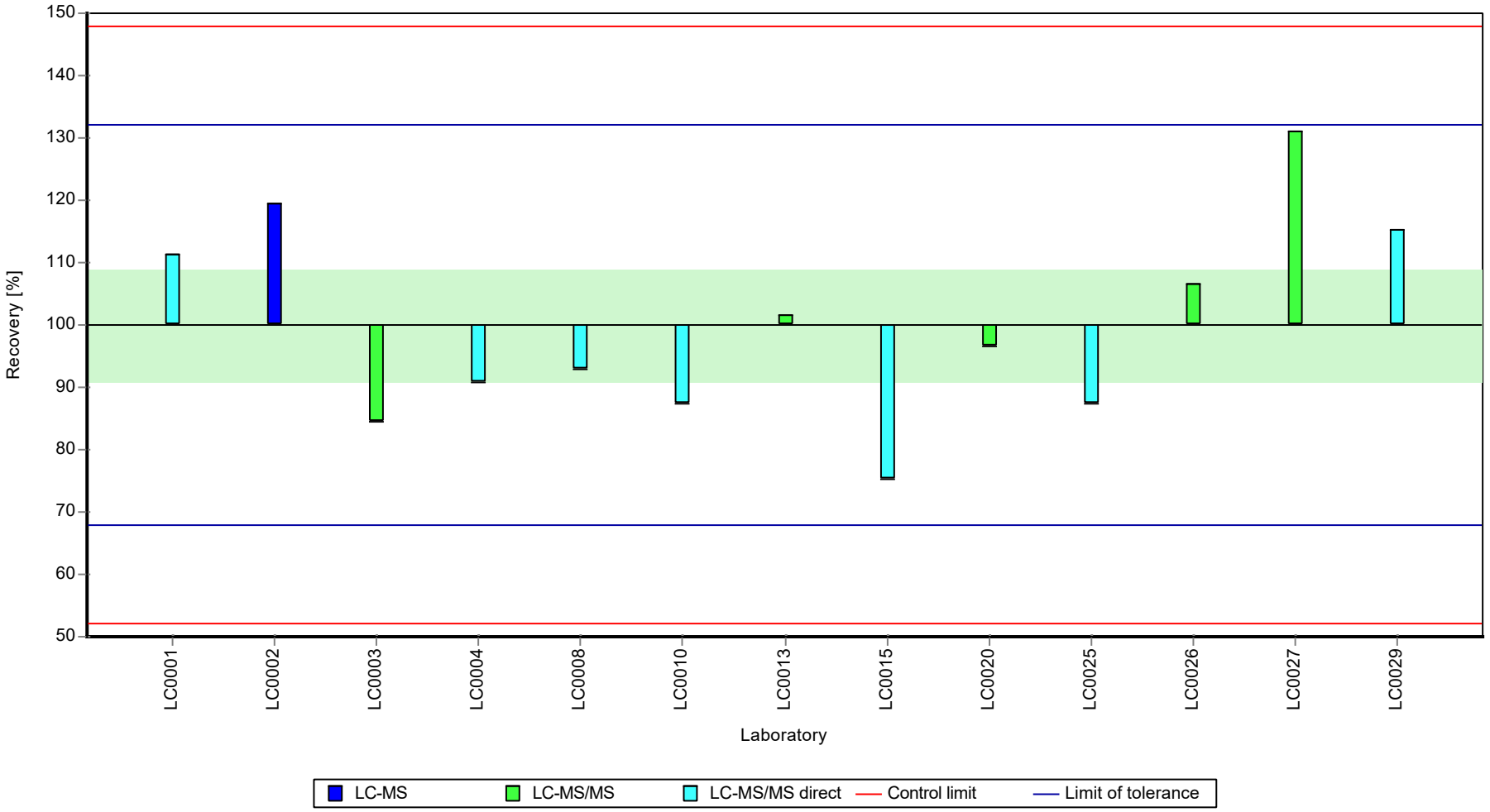
Results



Parameter oriented report Pesticides H116

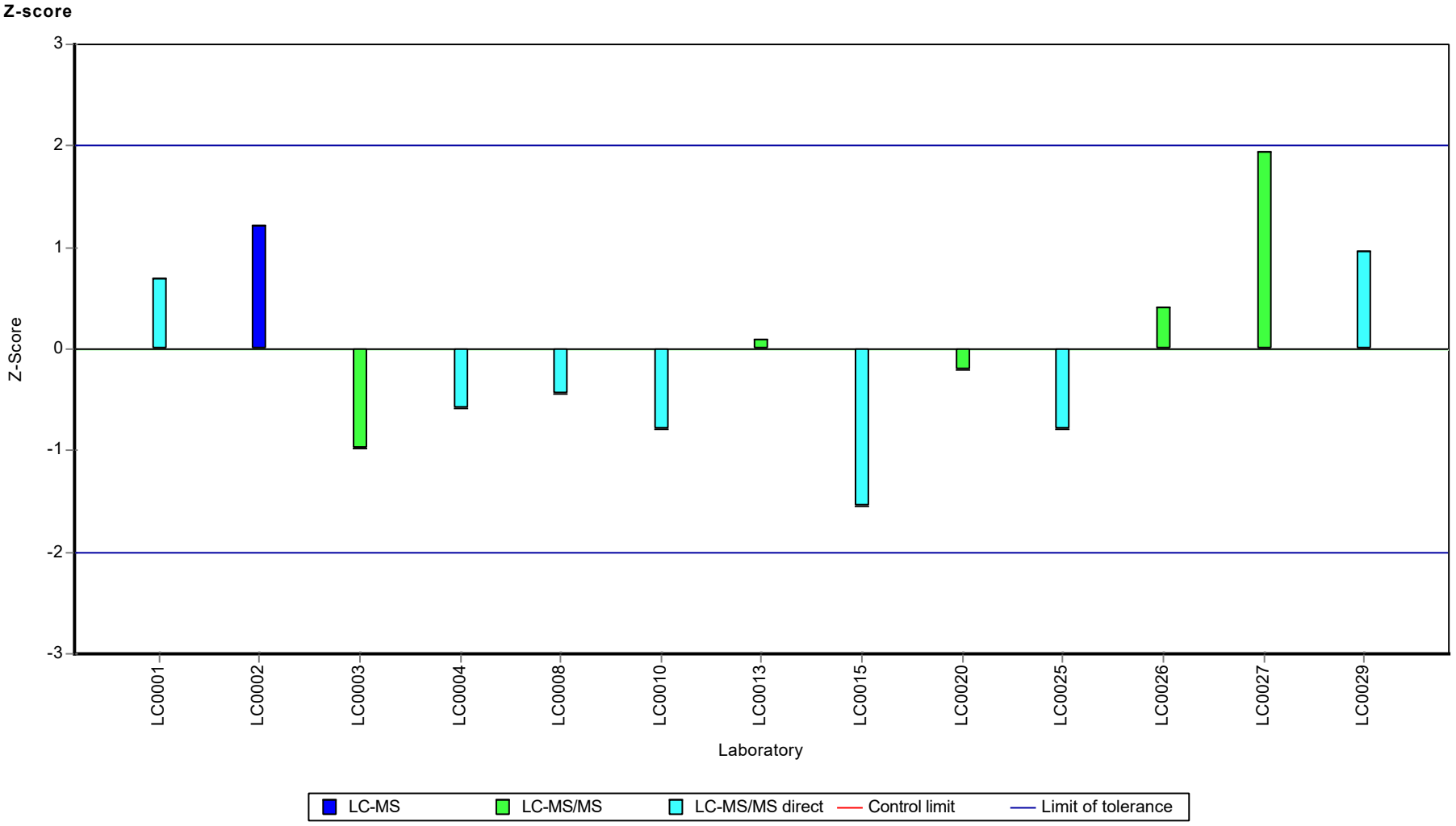
Sample: H116B, Parameter: Dimethachlor Metabolite - CGA 369873

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Dimethachlor Metabolite - CGA 369873



Parameter oriented report

H116 A

Glufosinate

Unit	µg/l
Assigned value ± U (k=2)	0.128 ± 0.0187
Criterion	0.0436 (34 %)
Minimum - Maximum	0.0823 - 0.168
Control test value ± U (k=2)	0.129 ± 0.0386

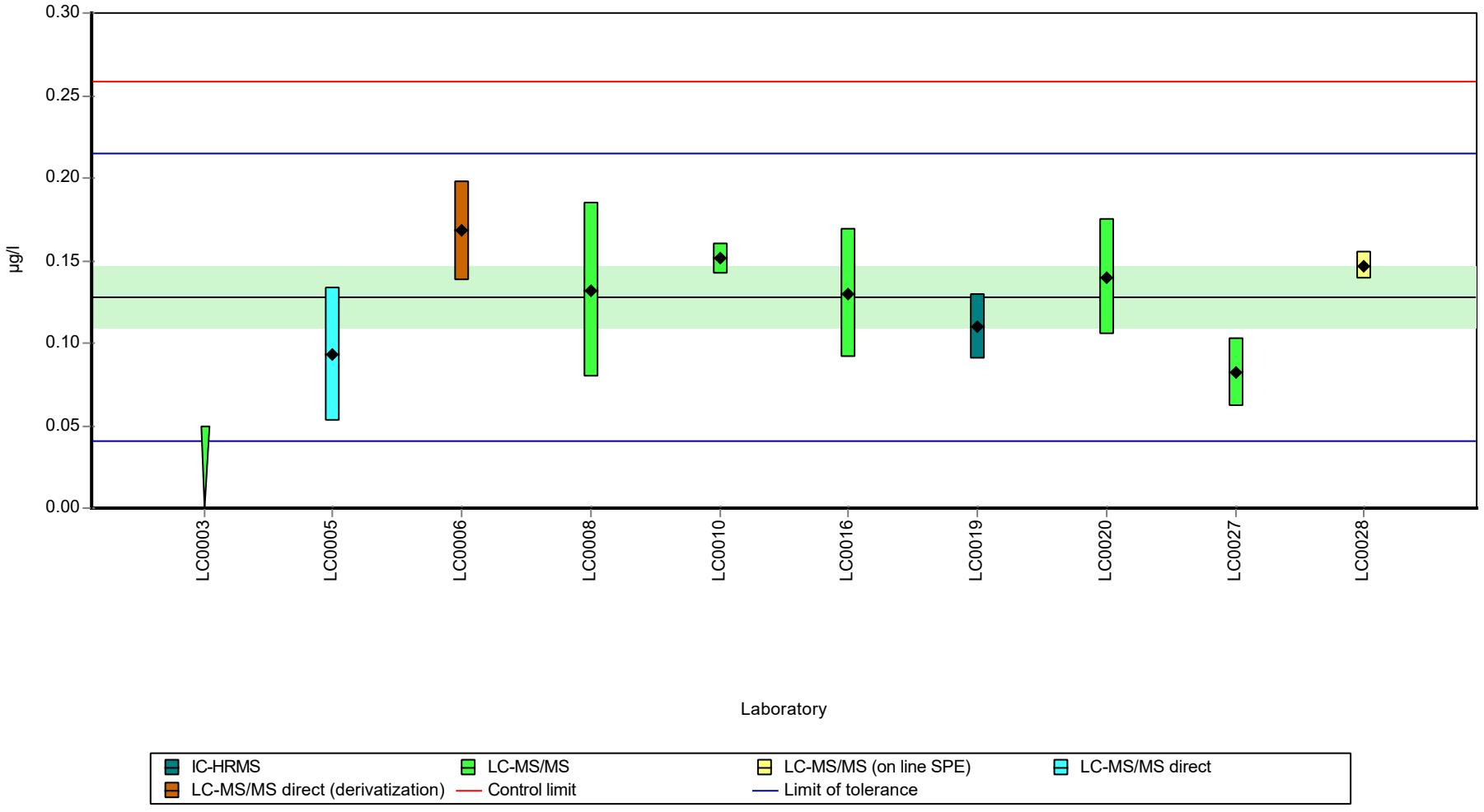
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	0.093	0.041	72.6	-0.81	
LC0006	0.16817	0.03027	131	0.92	
LC0007	-	-	-	-	
LC0008	0.132	0.0528	103	0.09	
LC0009	-	-	-	-	
LC0010	0.151	0.009	118	0.52	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.13	0.039	101	0.04	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.11	0.02	85.8	-0.42	
LC0020	0.14	0.035	109	0.27	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.0823	0.0206	64.2	-1.05	
LC0028	0.147	0.008	115	0.43	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.128 ± 0.0281	0.128 ± 0.0281	µg/l
Minimum	0.0823	0.0823	µg/l
Maximum	0.168	0.168	µg/l
Standard deviation	0.0281	0.0281	µg/l
rel. standard deviation	21.9	21.9	%
n	9	9	-

Graphical presentation of results

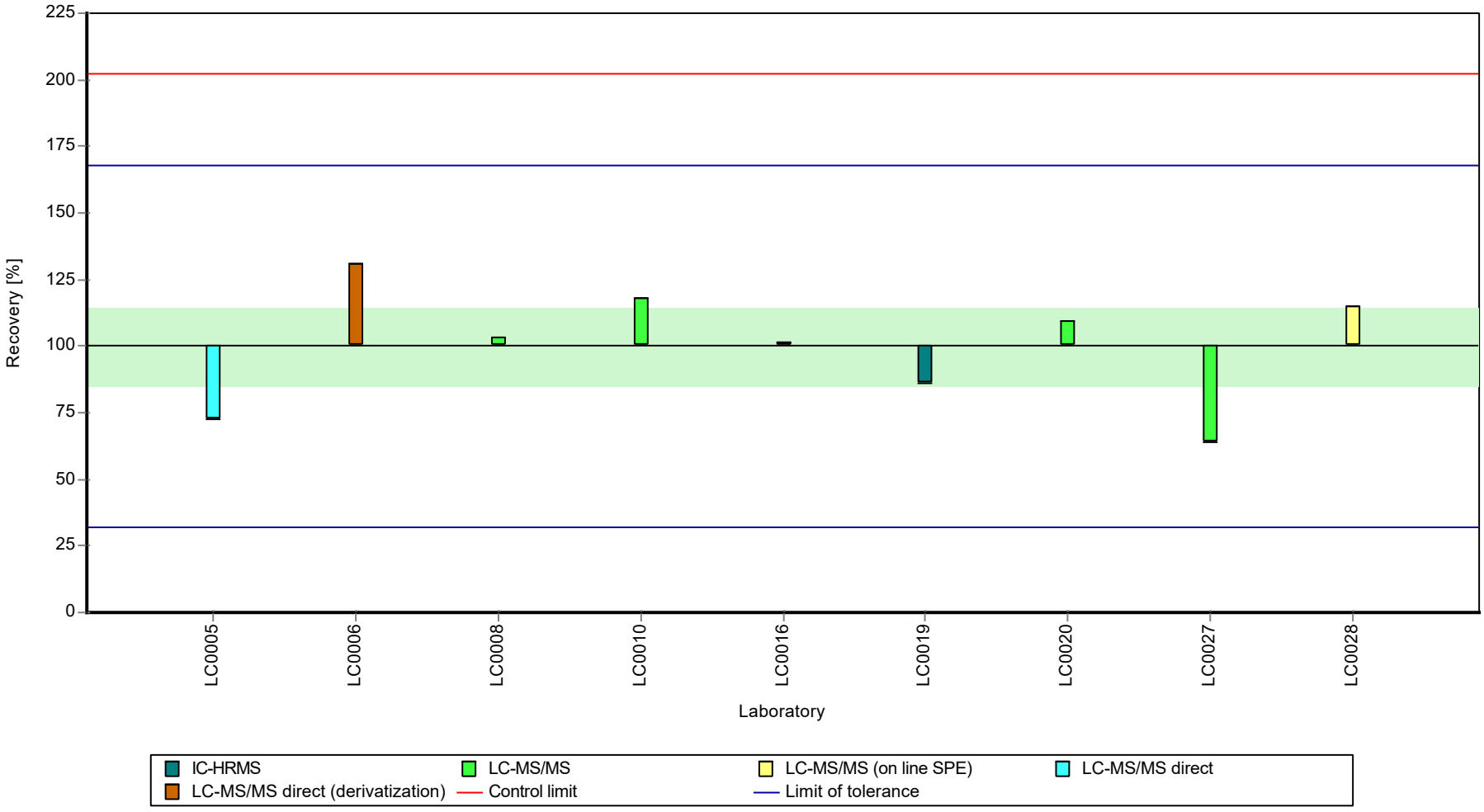
Results



Parameter oriented report Pesticides H116

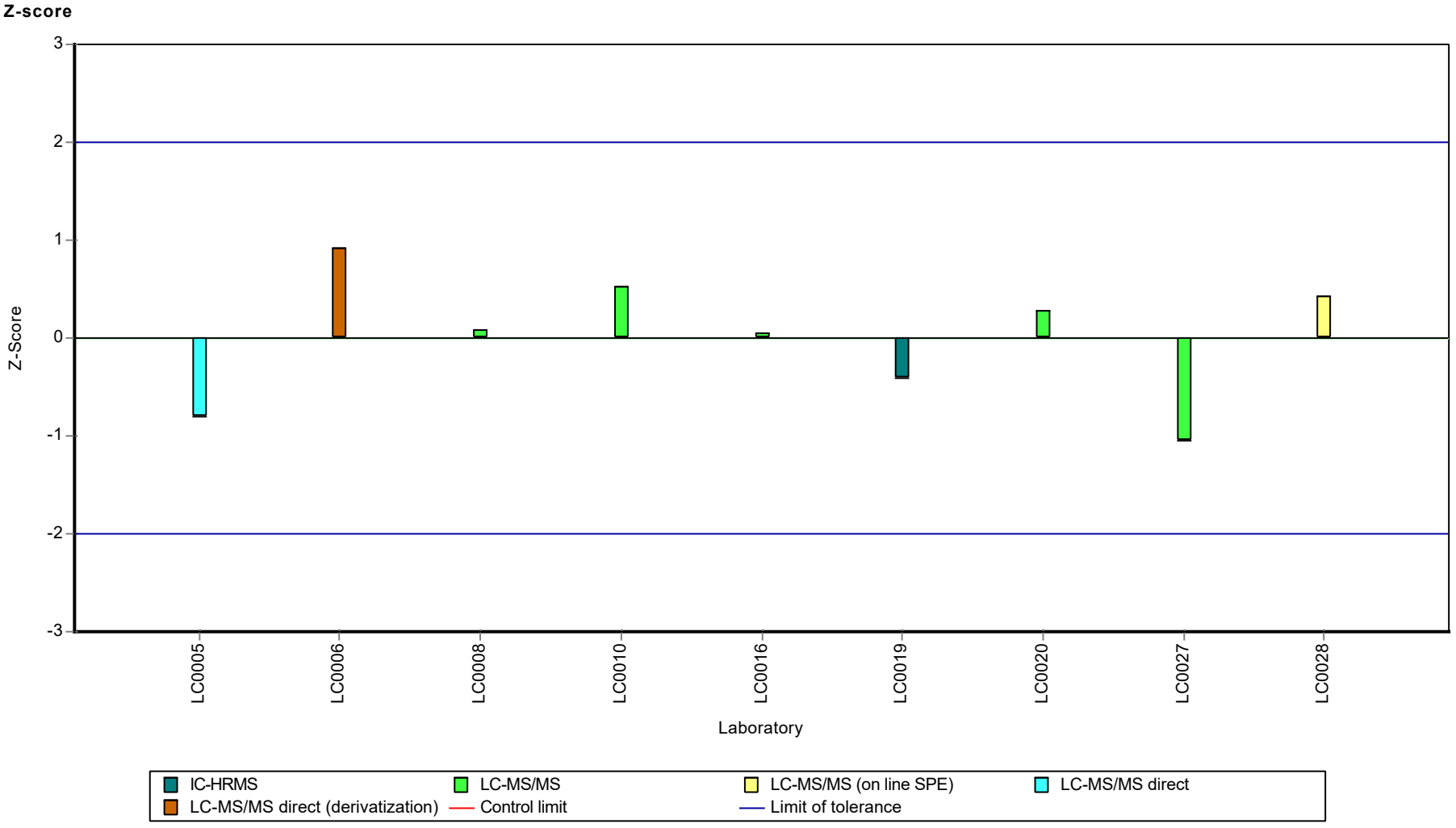
Sample: H116A, Parameter: Glufosinate

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Glufosinate



Parameter oriented report

H116 B

Glufosinate

Unit	µg/l
Assigned value ± U (k=2)	0.254 ± 0.0247
Criterion	0.0865 (34 %)
Minimum - Maximum	0.229 - 0.324
Control test value ± U (k=2)	0.271 ± 0.0814

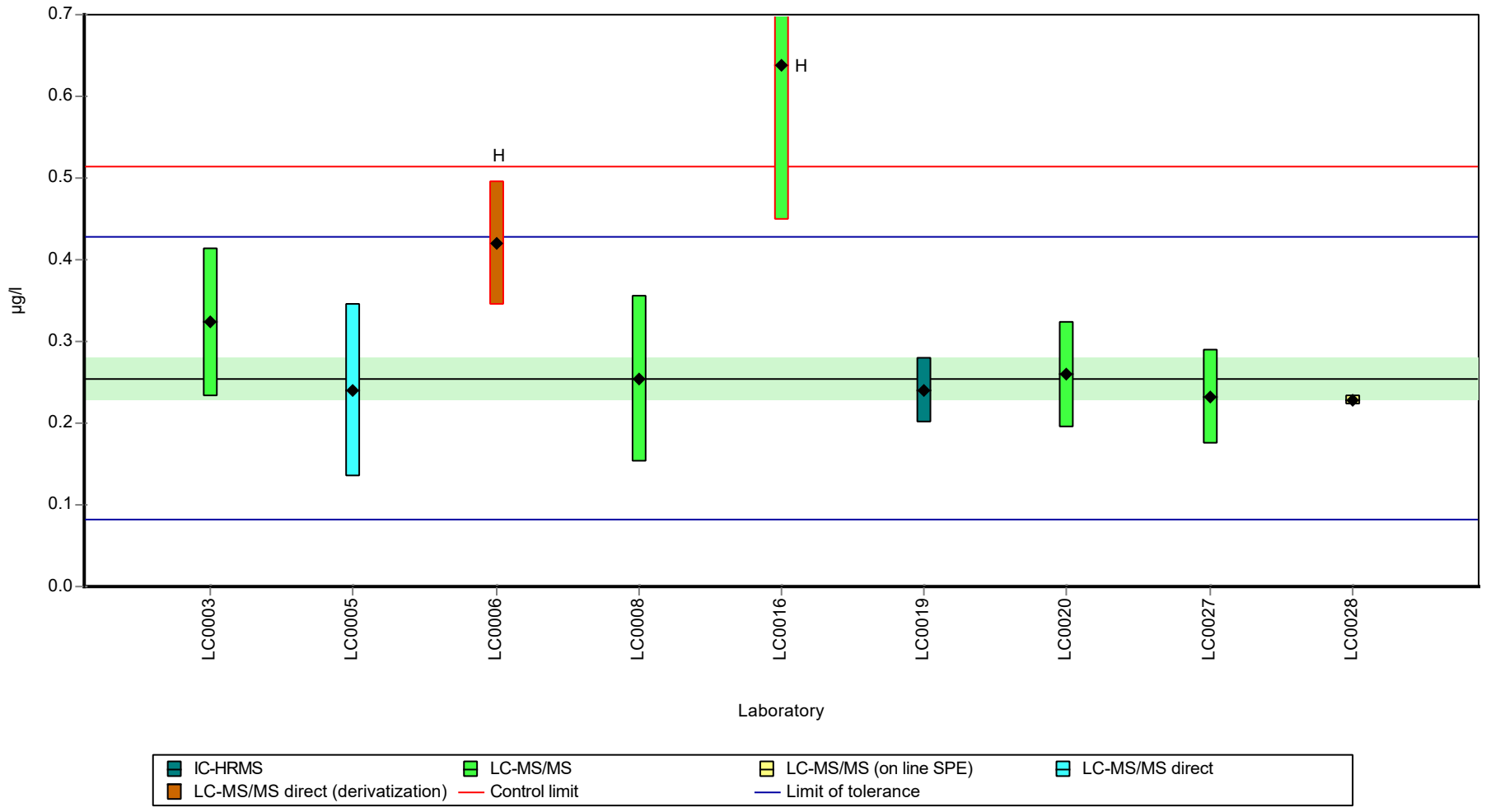
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.324	0.091	127	0.8	
LC0004	-	-	-	-	
LC0005	0.24	0.106	94.3	-0.17	
LC0006	0.41978	0.07556	165	1.91	H
LC0007	-	-	-	-	
LC0008	0.255	0.102	100	0.01	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.639	0.19	251	4.45	H
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.24	0.04	94.3	-0.17	
LC0020	0.26	0.065	102	0.06	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.233	0.058	91.6	-0.25	
LC0028	0.229	0.006	90	-0.29	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.316 ± 0.136	0.254 ± 0.037	µg/l
Minimum	0.229	0.229	µg/l
Maximum	0.639	0.324	µg/l
Standard deviation	0.136	0.0326	µg/l
rel. standard deviation	43.1	12.8	%
n	9	7	-

Graphical presentation of results

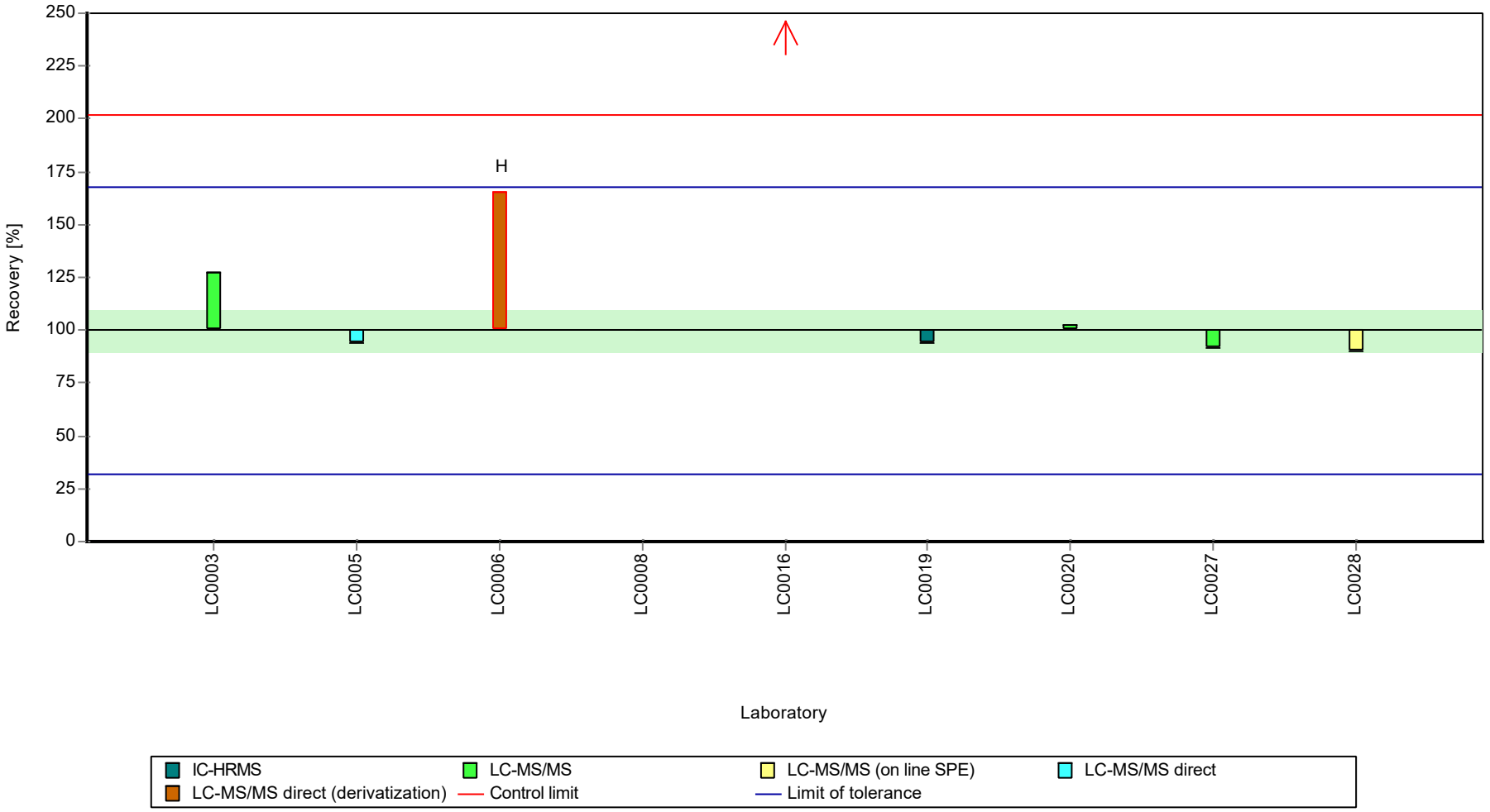
Results



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Glufosinate

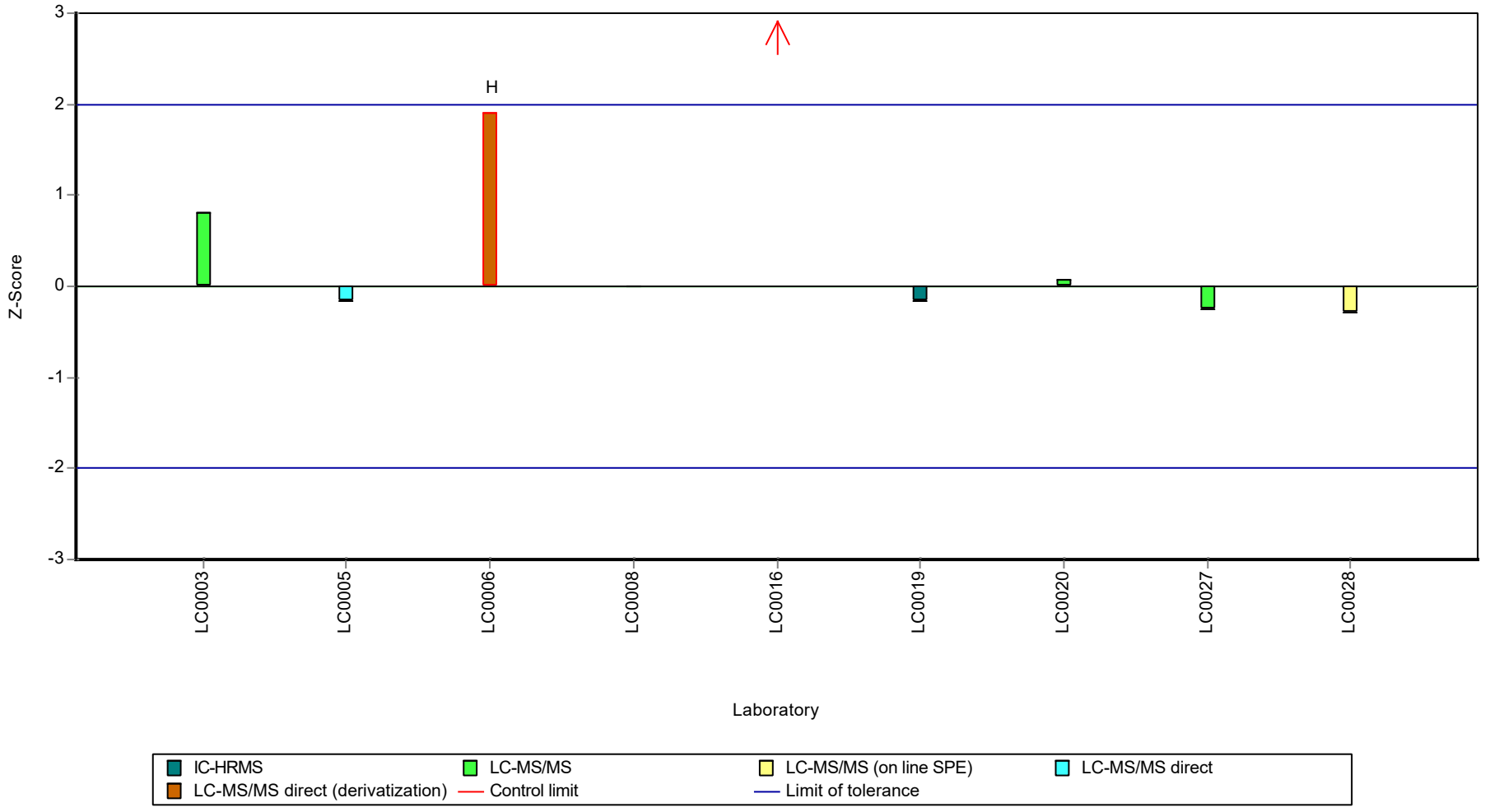
Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Glufosinate

Z-score



Parameter oriented report

H116 A

Glyphosate

Unit	µg/l
Assigned value ± U (k=2)	0.191 ± 0.0114
Criterion	0.0382 (20 %)
Minimum - Maximum	0.16 - 0.236
Control test value ± U (k=2)	0.194 ± 0.0581

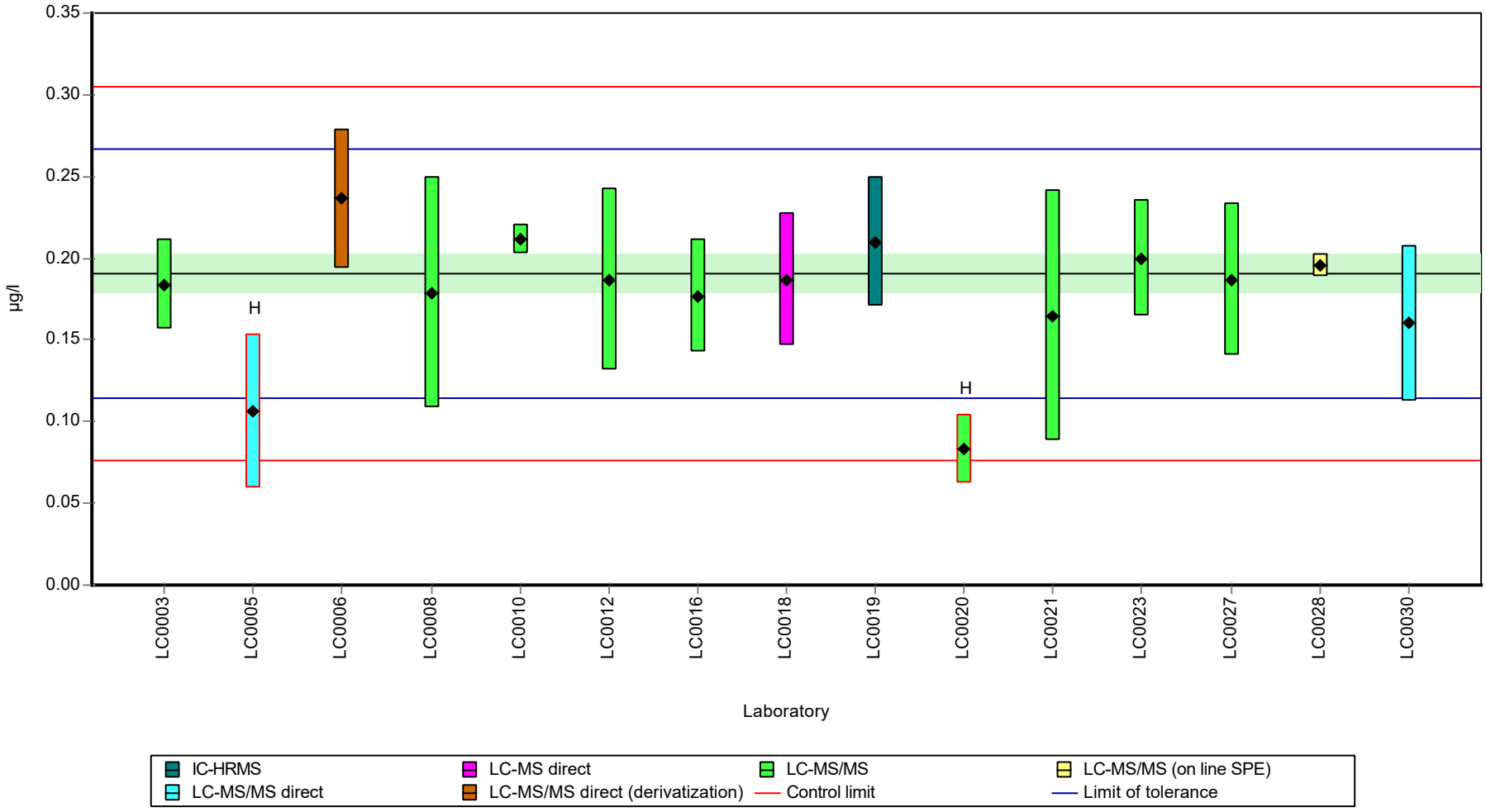
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.184	0.028	96.4	-0.18	
LC0004	-	-	-	-	
LC0005	0.106	0.047	55.6	-2.22	H
LC0006	0.2364	0.04255	124	1.2	
LC0007	-	-	-	-	
LC0008	0.179	0.071	93.8	-0.31	
LC0009	-	-	-	-	
LC0010	0.212	0.009	111	0.56	
LC0011	-	-	-	-	
LC0012	0.187	0.0561	98	-0.1	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.177	0.035	92.8	-0.36	
LC0017	-	-	-	-	
LC0018	0.187	0.041	98	-0.1	
LC0019	0.21	0.04	110	0.5	
LC0020	0.083	0.021	43.5	-2.82	H
LC0021	0.1648	0.0766	86.4	-0.68	
LC0022	-	-	-	-	
LC0023	0.2	0.036	105	0.24	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.187	0.047	98	-0.1	
LC0028	0.196	0.007	103	0.14	
LC0029	-	-	-	-	
LC0030	0.16	0.048	83.9	-0.81	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.178 ± 0.0303	0.191 ± 0.0171	µg/l
Minimum	0.083	0.16	µg/l
Maximum	0.236	0.236	µg/l
Standard deviation	0.0391	0.0205	µg/l
rel. standard deviation	22	10.8	%
n	15	13	-

Graphical presentation of results

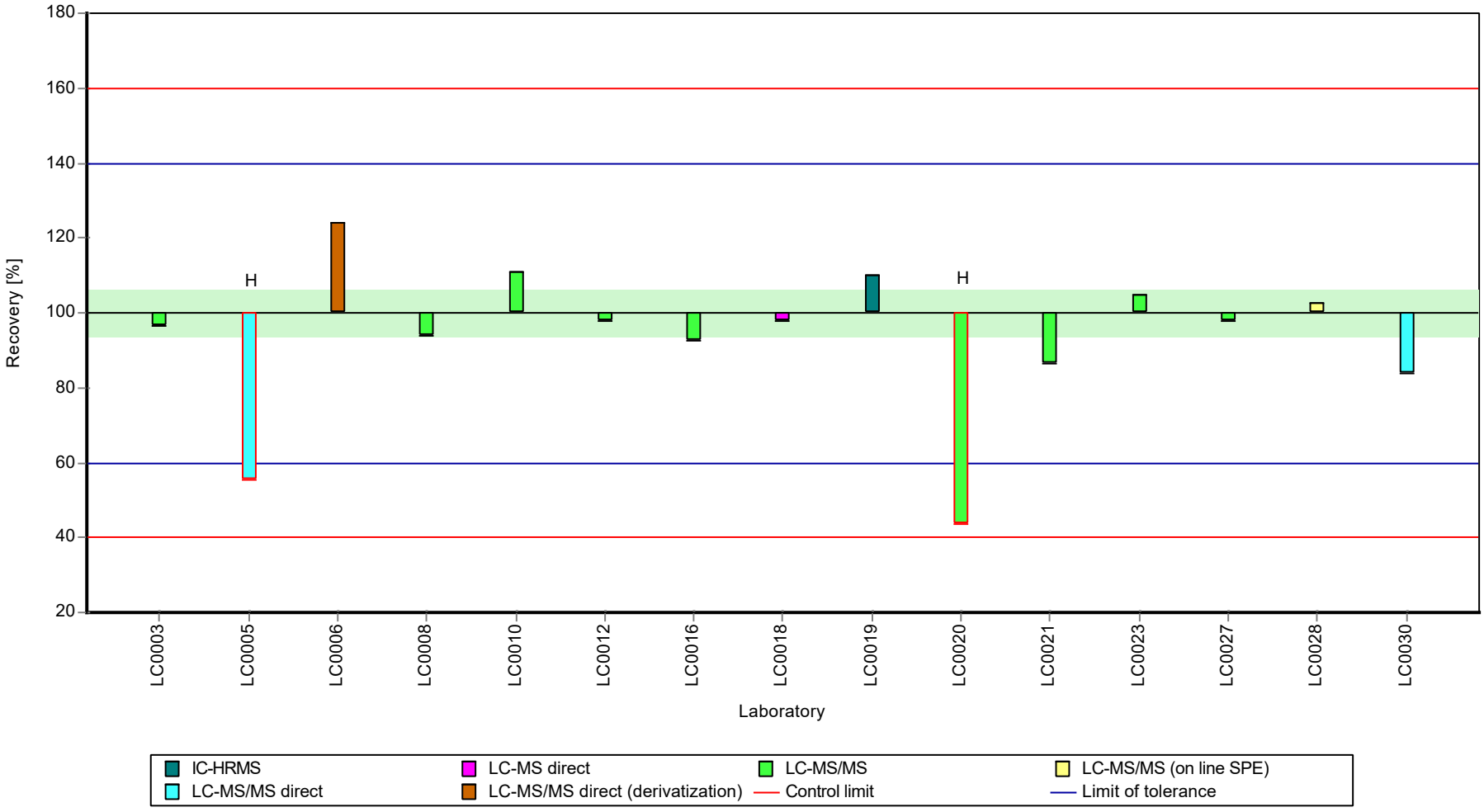
Results



Parameter oriented report Pesticides H116

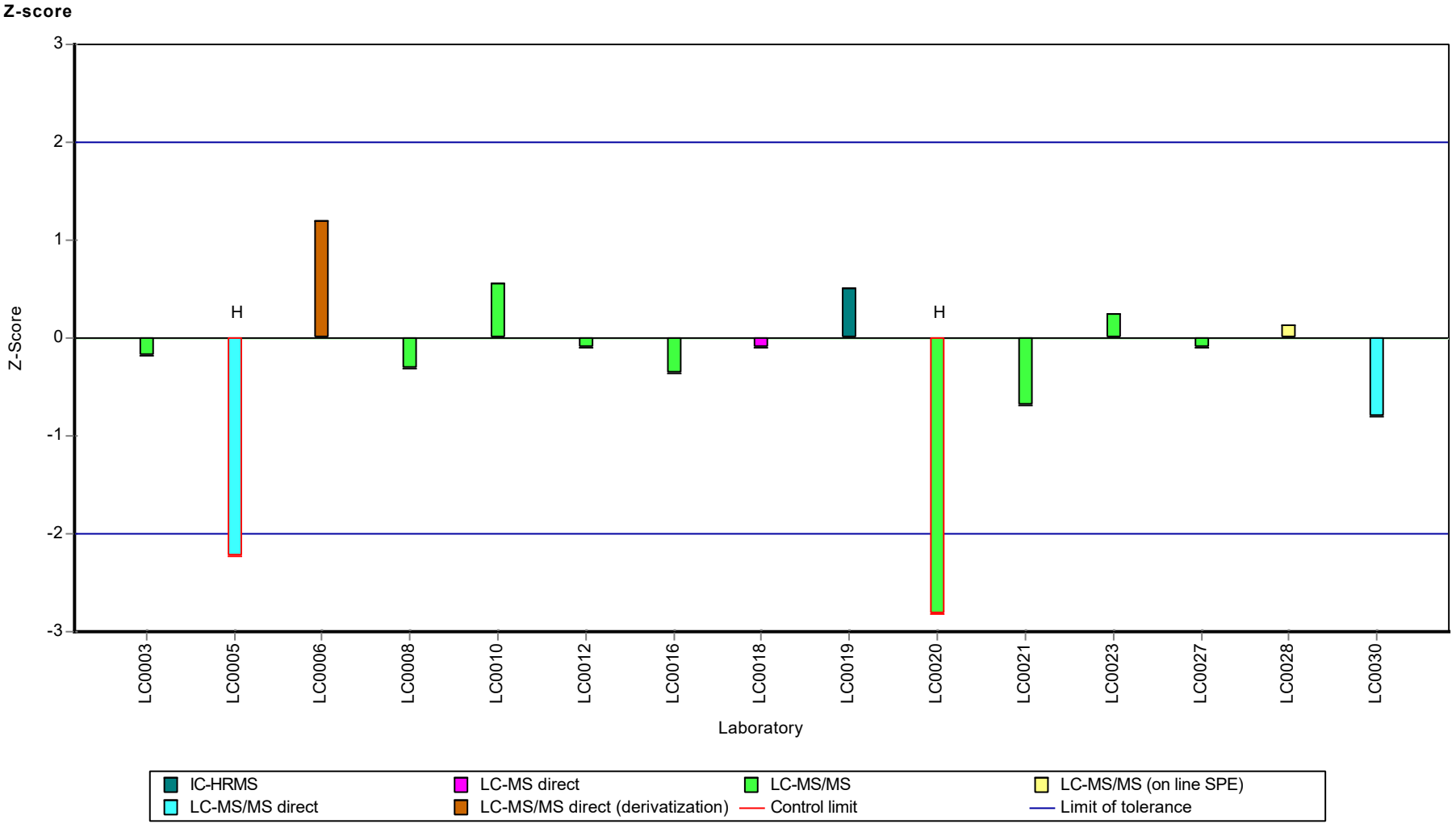
Sample: H116A, Parameter: Glyphosate

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Glyphosate



Parameter oriented report

H116 B

Glyphosate

Unit	µg/l
Assigned value ± U (k=2)	0.528 ± 0.0292
Criterion	0.106 (20 %)
Minimum - Maximum	0.447 - 0.647
Control test value ± U (k=2)	0.555 ± 0.166

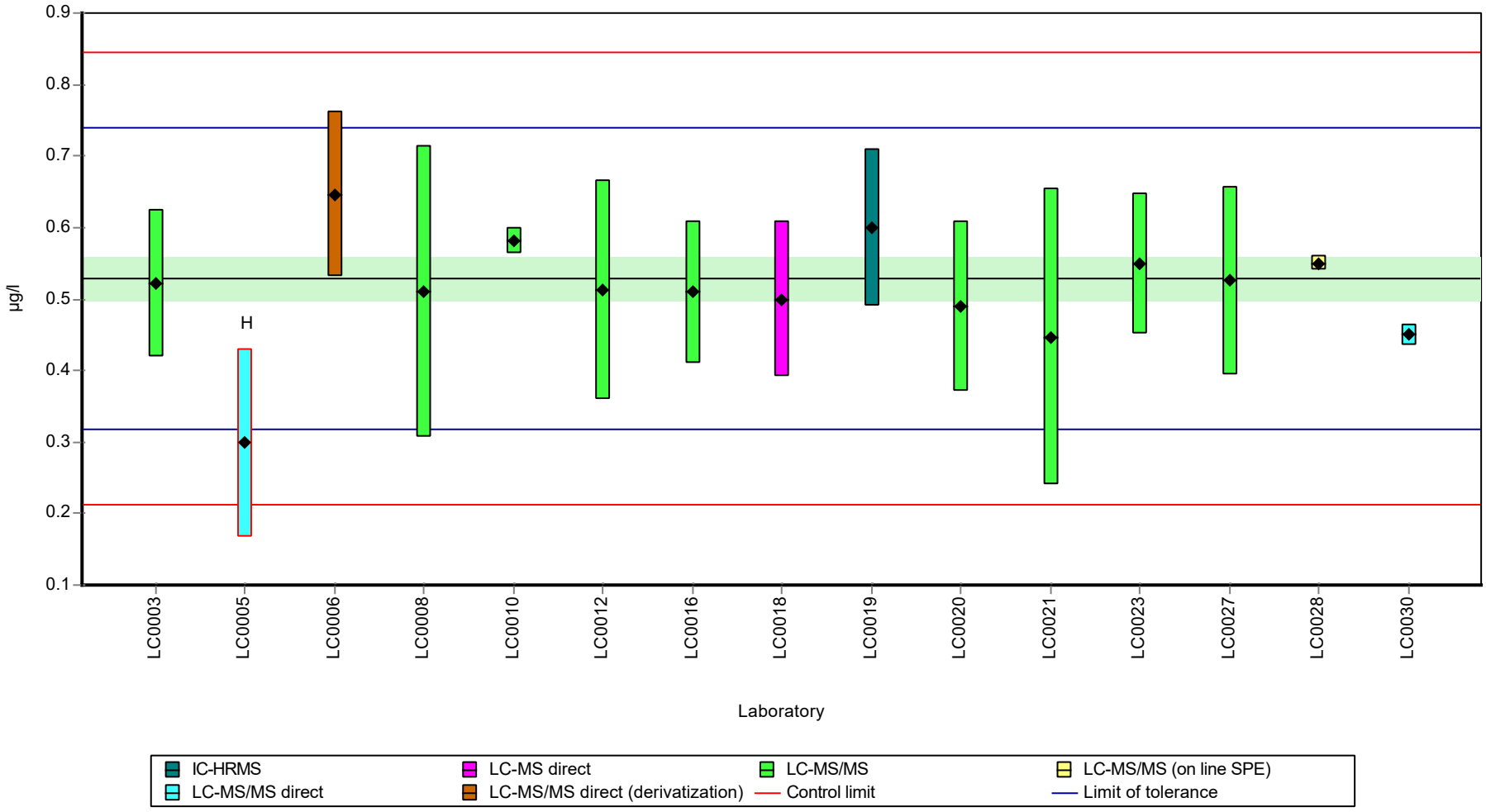
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.522	0.103	98.8	-0.06	
LC0004	-	-	-	-	
LC0005	0.299	0.132	56.6	-2.17	H
LC0006	0.64666	0.1164	122	1.12	
LC0007	-	-	-	-	
LC0008	0.51	0.204	96.6	-0.17	
LC0009	-	-	-	-	
LC0010	0.581	0.019	110	0.5	
LC0011	-	-	-	-	
LC0012	0.513	0.154	97.1	-0.14	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.51	0.1	96.6	-0.17	
LC0017	-	-	-	-	
LC0018	0.5	0.11	94.7	-0.27	
LC0019	0.6	0.11	114	0.68	
LC0020	0.49	0.12	92.8	-0.36	
LC0021	0.4469	0.2078	84.6	-0.77	
LC0022	-	-	-	-	
LC0023	0.549	0.099	104	0.2	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.526	0.132	99.6	-0.02	
LC0028	0.55	0.011	104	0.21	
LC0029	-	-	-	-	
LC0030	0.45	0.015	85.2	-0.74	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.513 ± 0.0614	0.528 ± 0.0438	µg/l
Minimum	0.299	0.447	µg/l
Maximum	0.647	0.647	µg/l
Standard deviation	0.0792	0.0546	µg/l
rel. standard deviation	15.4	10.3	%
n	15	14	-

Graphical presentation of results

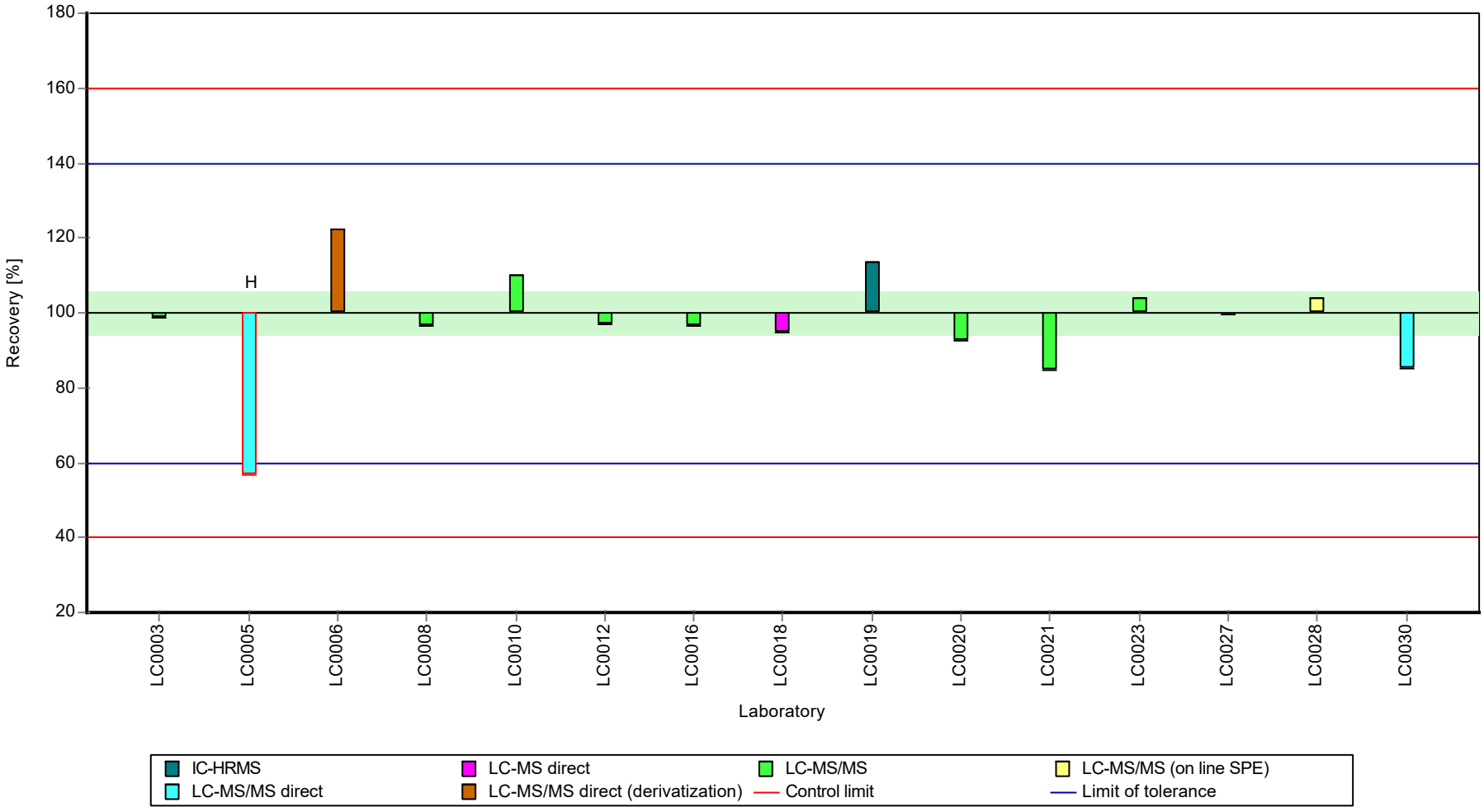
Results



Parameter oriented report Pesticides H116

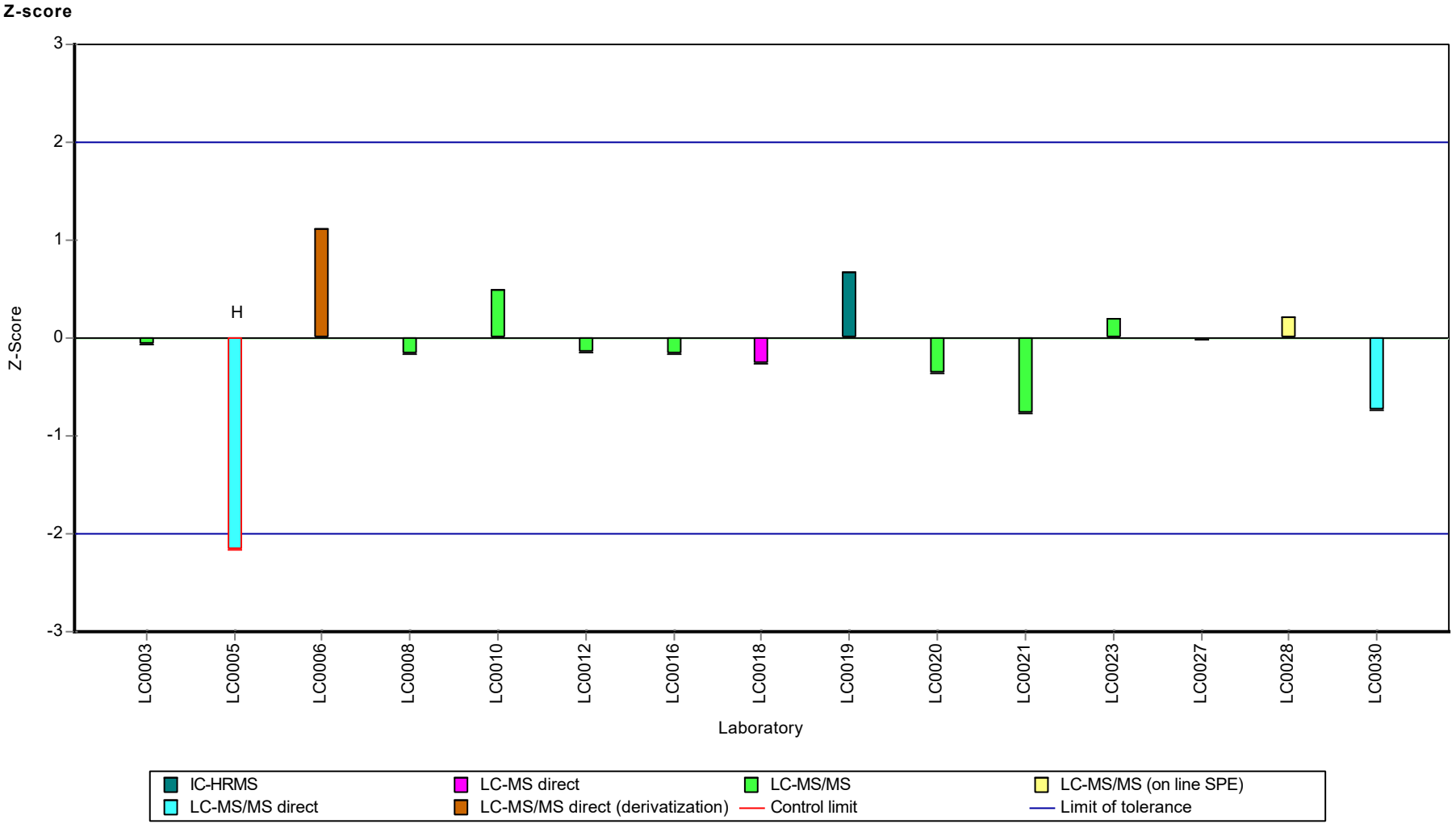
Sample: H116B, Parameter: Glyphosate

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Glyphosate



Parameter oriented report

H116 A

MCPP (Mecoprop)

Unit	µg/l
Assigned value ± U (k=2)	0.213 ± 0.00762
Criterion	0.0277 (13 %)
Minimum - Maximum	0.175 - 0.238
Control test value ± U (k=2)	0.229 ± 0.0343

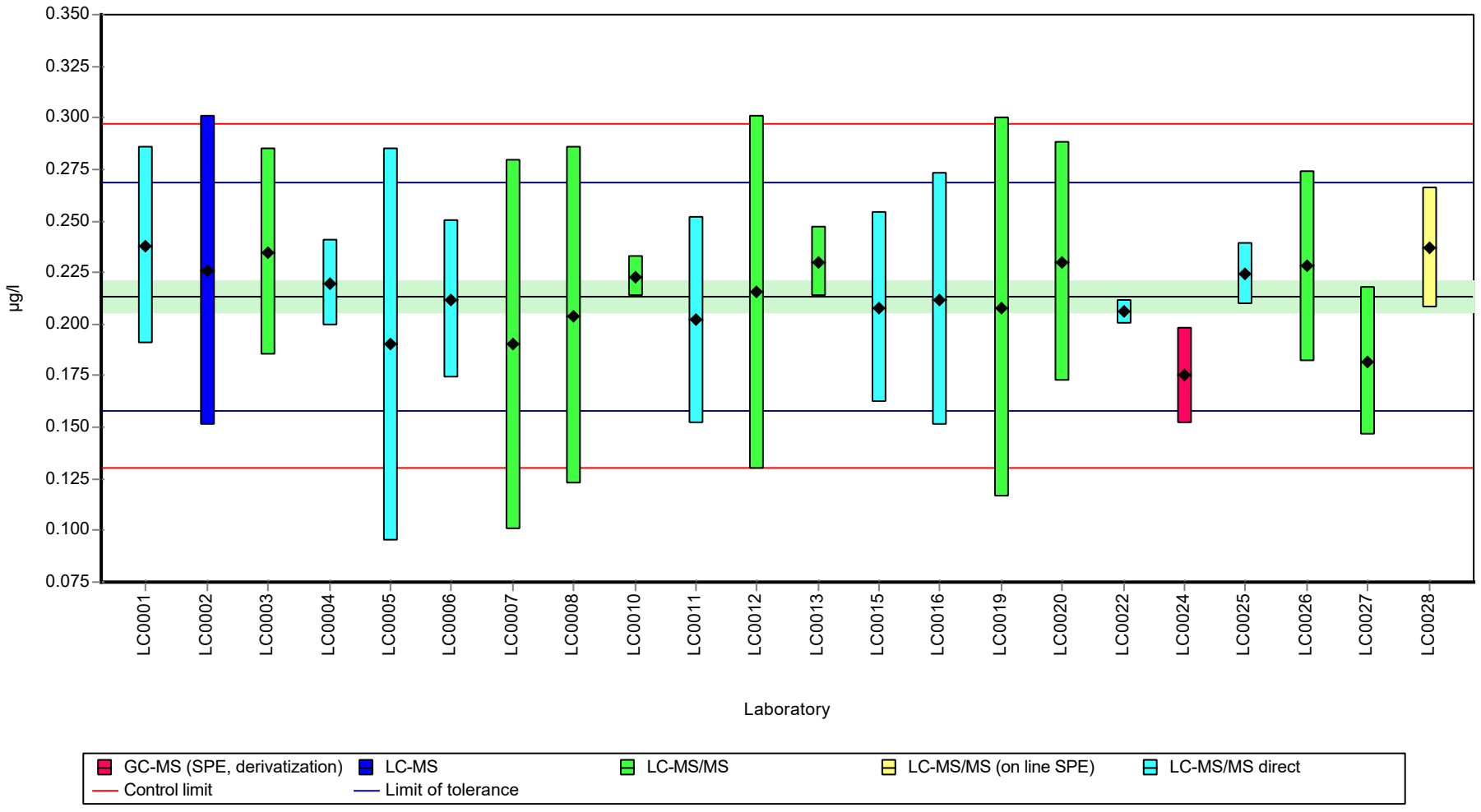
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.238	0.048	112	0.88	
LC0002	0.226	0.075	106	0.45	
LC0003	0.235	0.05	110	0.78	
LC0004	0.22	0.021	103	0.24	
LC0005	0.19	0.095	89	-0.85	
LC0006	0.21207	0.03817	99.4	-0.05	
LC0007	0.19	0.09	89	-0.85	
LC0008	0.204	0.0816	95.6	-0.34	
LC0009	-	-	-	-	
LC0010	0.223	0.01	104	0.34	
LC0011	0.2021	0.0502	94.7	-0.41	
LC0012	0.2154	0.086	101	0.07	
LC0013	0.23	0.017	108	0.6	
LC0014	-	-	-	-	
LC0015	0.208	0.046	97.4	-0.2	
LC0016	0.212	0.061	99.3	-0.05	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.208	0.092	97.4	-0.2	
LC0020	0.23	0.058	108	0.6	
LC0021	-	-	-	-	
LC0022	0.206	0.006	96.5	-0.27	
LC0023	-	-	-	-	
LC0024	0.175	0.023	82	-1.39	
LC0025	0.22438	0.01481	105	0.39	
LC0026	0.228	0.046	107	0.52	
LC0027	0.182	0.036	85.3	-1.13	
LC0028	0.237	0.029	111	0.85	
LC0029	-	-	-	-	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.213 ± 0.0114	0.213 ± 0.0114	µg/l
Minimum	0.175	0.175	µg/l
Maximum	0.238	0.238	µg/l
Standard deviation	0.0179	0.0179	µg/l
rel. standard deviation	8.37	8.37	%
n	22	22	-

Graphical presentation of results

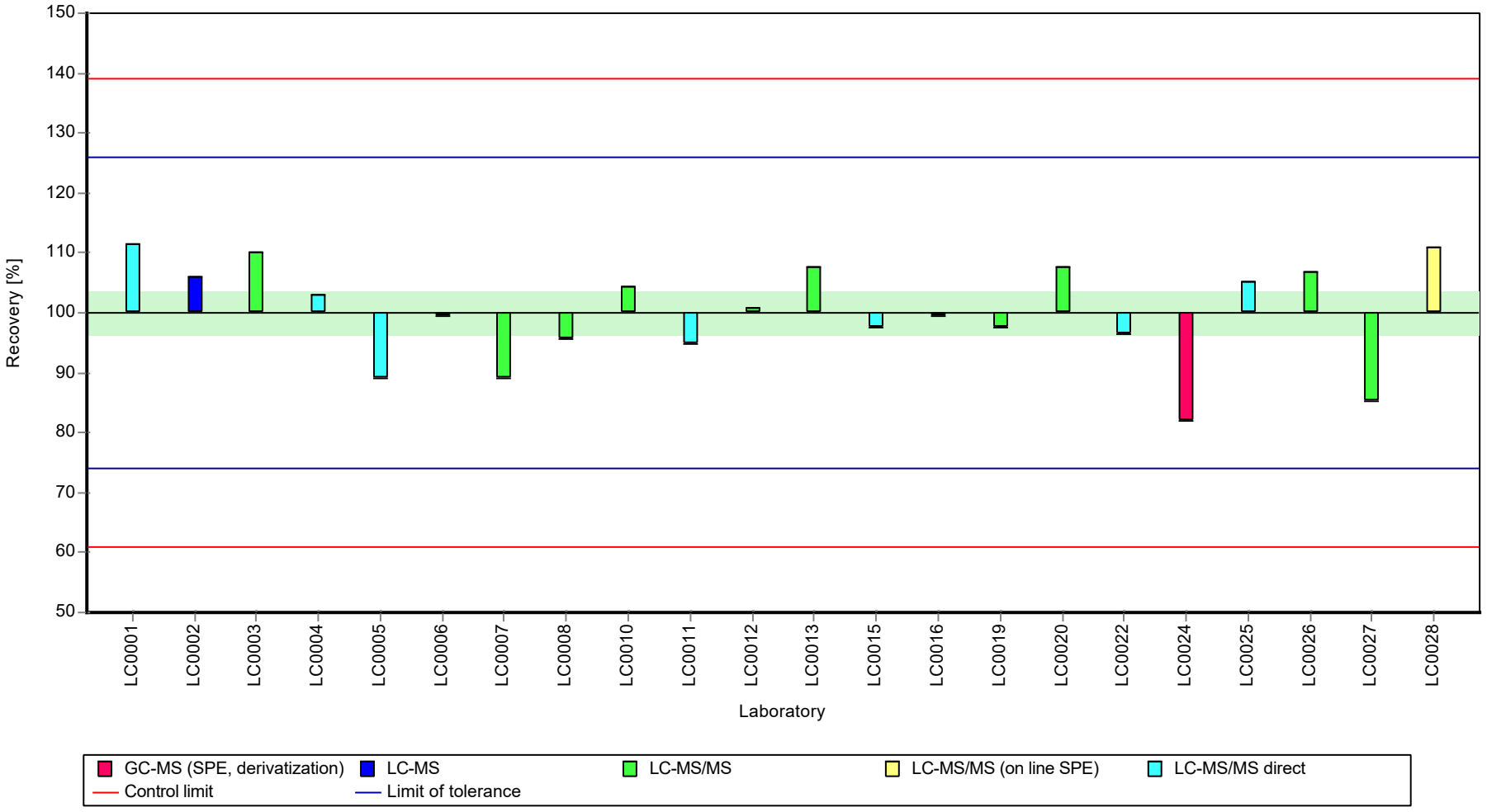
Results



Parameter oriented report Pesticides H116

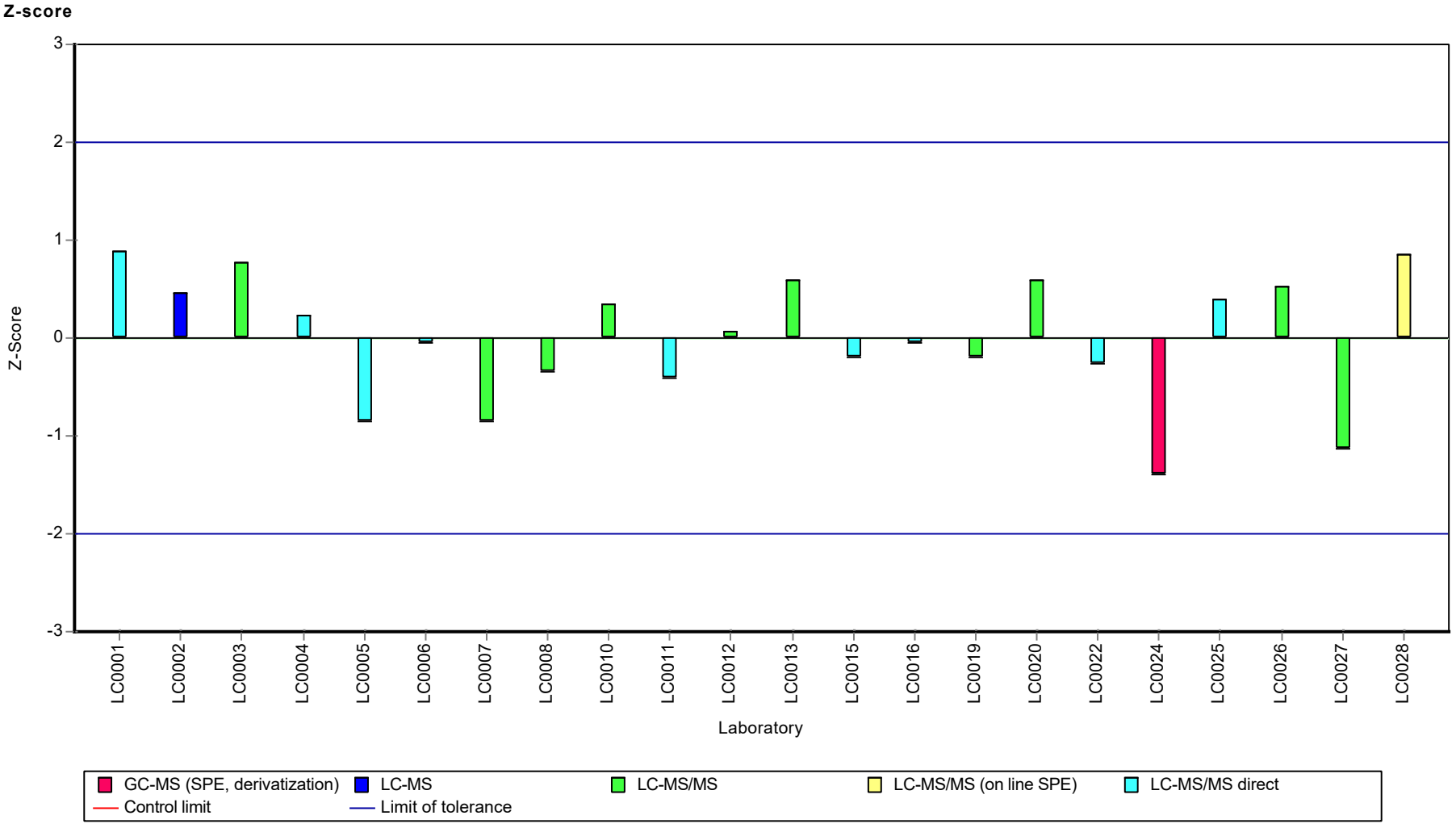
Sample: H116A, Parameter: MCPP (Mecoprop)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: MCPP (Mecoprop)



Parameter oriented report

H116 B

MCPP (Mecoprop)

Unit	µg/l
Assigned value ± U (k=2)	0.586 ± 0.0191
Criterion	0.0761 (13 %)
Minimum - Maximum	0.495 - 0.678
Control test value ± U (k=2)	0.646 ± 0.0968

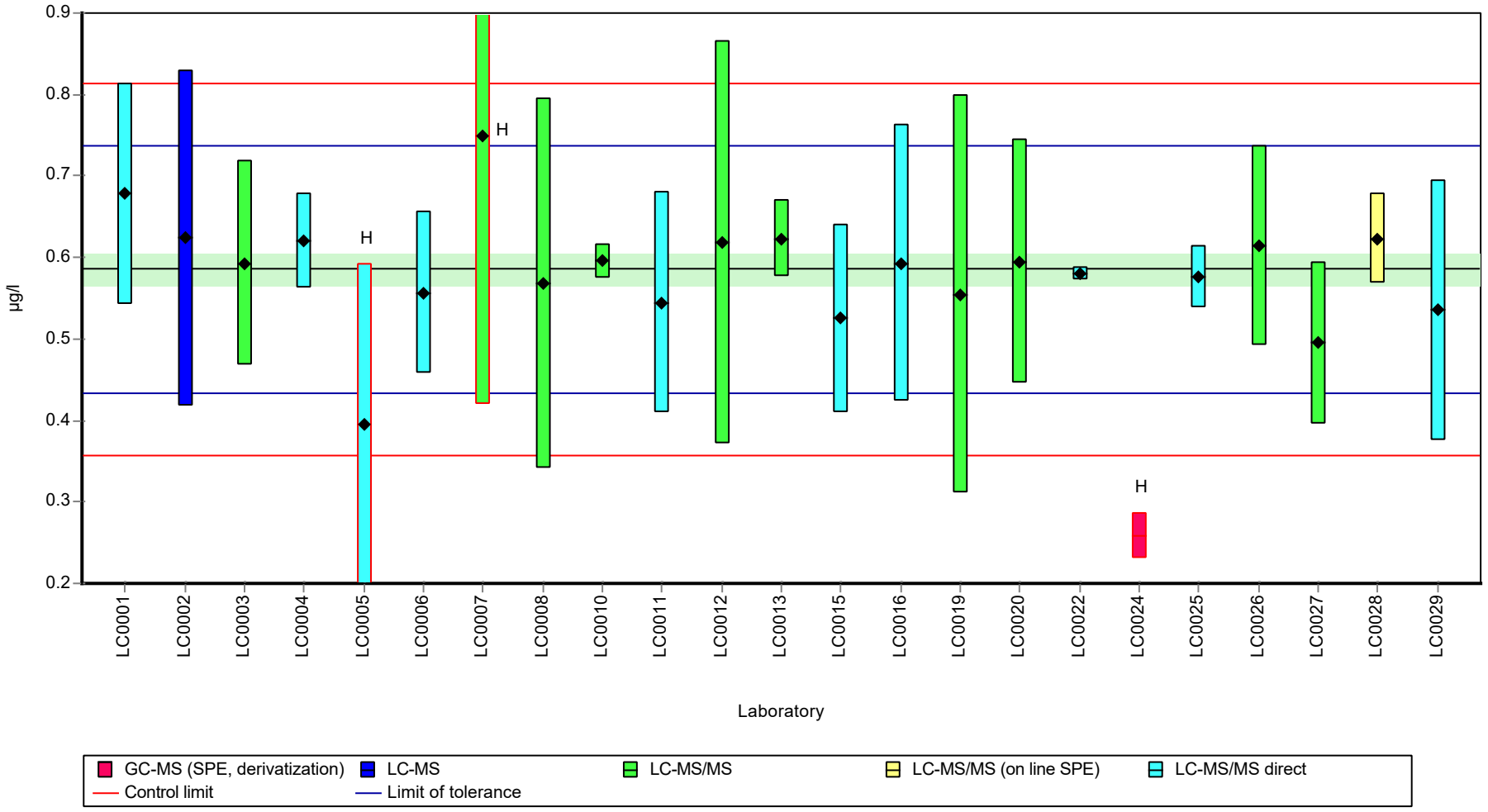
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.678	0.136	116	1.21	
LC0002	0.624	0.206	107	0.5	
LC0003	0.593	0.126	101	0.1	
LC0004	0.62	0.058	106	0.45	
LC0005	0.395	0.198	67.4	-2.5	H
LC0006	0.55676	0.10022	95.1	-0.38	
LC0007	0.75	0.33	128	2.16	H
LC0008	0.568	0.227	97	-0.23	
LC0009	-	-	-	-	
LC0010	0.596	0.021	102	0.14	
LC0011	0.5443	0.1361	92.9	-0.54	
LC0012	0.6184	0.247	106	0.43	
LC0013	0.623	0.047	106	0.49	
LC0014	-	-	-	-	
LC0015	0.525	0.116	89.6	-0.8	
LC0016	0.593	0.17	101	0.1	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.555	0.244	94.8	-0.4	
LC0020	0.595	0.15	102	0.12	
LC0021	-	-	-	-	
LC0022	0.581	0.008	99.2	-0.06	
LC0023	-	-	-	-	
LC0024	0.258	0.028	44	-4.3	H
LC0025	0.57667	0.03806	98.5	-0.12	
LC0026	0.614	0.123	105	0.37	
LC0027	0.495	0.099	84.5	-1.19	
LC0028	0.623	0.055	106	0.49	
LC0029	0.535	0.16	91.3	-0.67	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.57 ± 0.0596	0.586 ± 0.0286	µg/l
Minimum	0.258	0.495	µg/l
Maximum	0.75	0.678	µg/l
Standard deviation	0.0953	0.0426	µg/l
rel. standard deviation	16.7	7.28	%
n	23	20	-

Graphical presentation of results

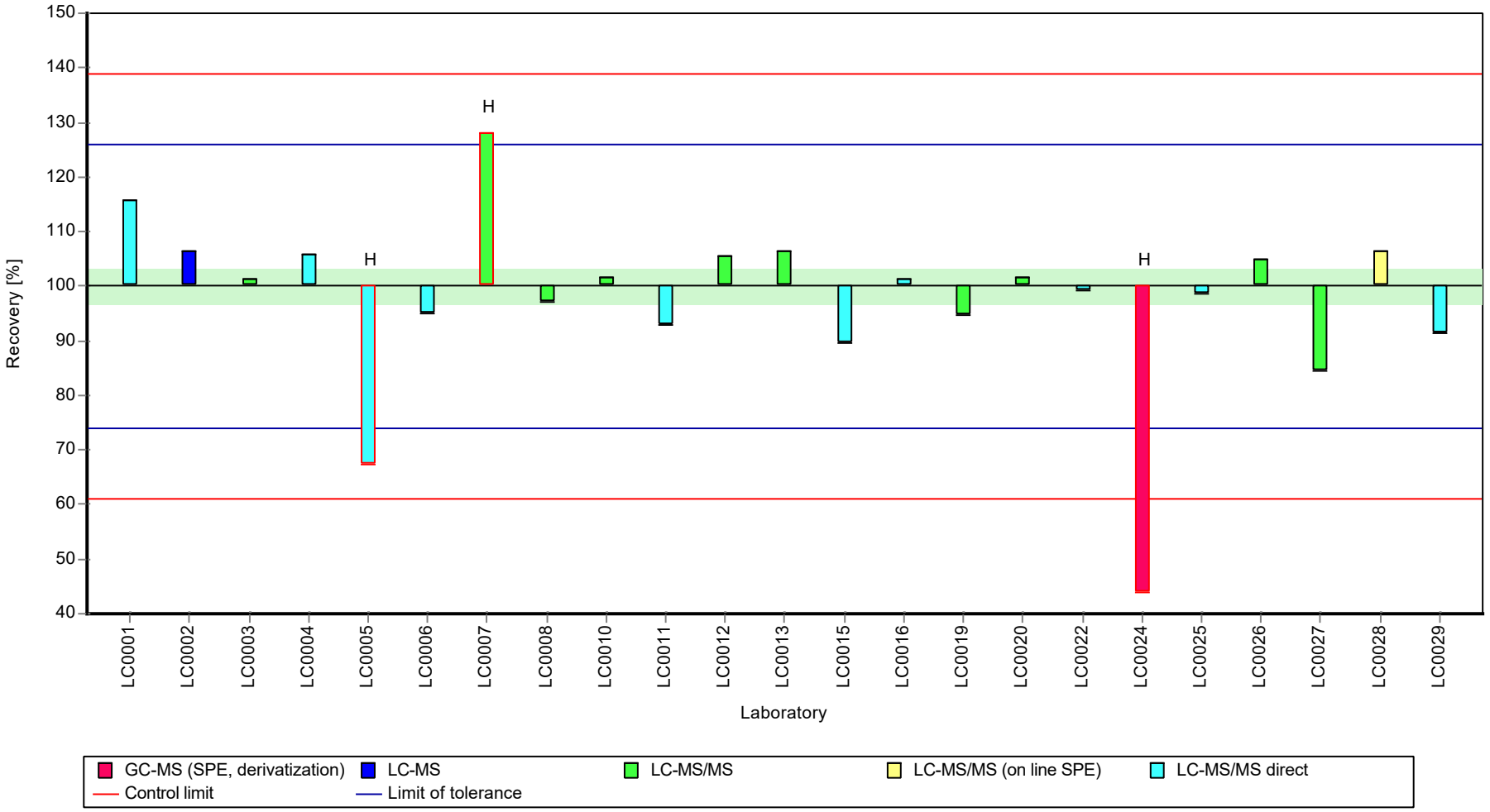
Results



Parameter oriented report Pesticides H116

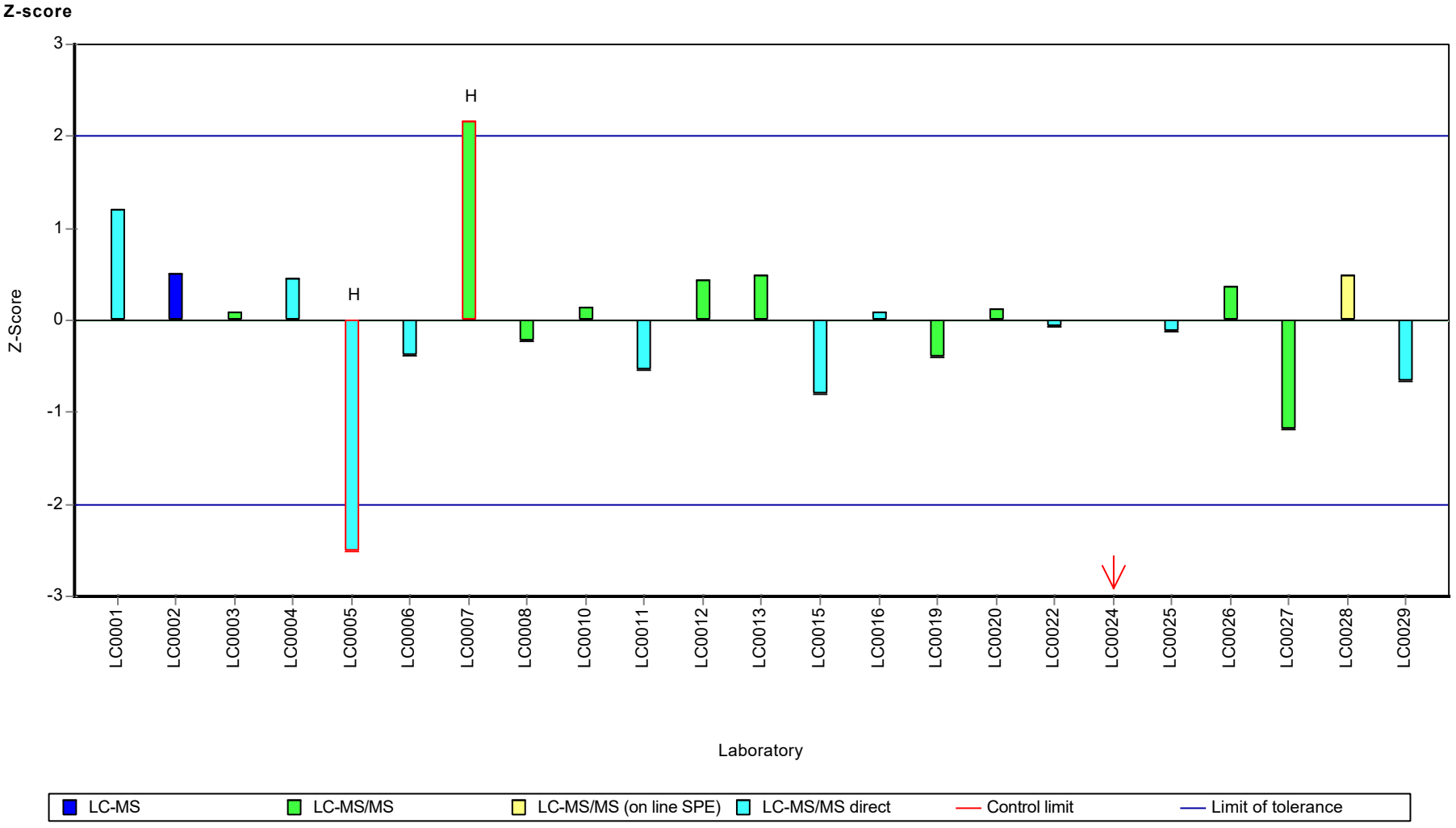
Sample: H116B, Parameter: MCPP (Mecoprop)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: MCPP (Mecoprop)



Parameter oriented report

H116 A

Metazachlor

Unit	µg/l
Assigned value ± U (k=2)	0.122 ± 0.00493
Criterion	0.0146 (12 %)
Minimum - Maximum	0.099 - 0.142
Control test value ± U (k=2)	0.148 ± 0.0222

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.12	0.024	98.4	-0.13	
LC0002	0.099	0.033	81.2	-1.57	
LC0003	-	-	-	-	
LC0004	0.12	0.012	98.4	-0.13	
LC0005	-	-	-	-	
LC0006	0.13548	0.02439	111	0.93	
LC0007	0.18	0.08	148	3.97	H
LC0008	0.116	0.0174	95.1	-0.41	
LC0009	-	-	-	-	
LC0010	0.127	0.003	104	0.35	
LC0011	0.2129	0.0282	175	6.22	H
LC0012	0.1322	0.053	108	0.7	
LC0013	0.13	0.01	107	0.55	
LC0014	0.109	0.016	89.4	-0.88	
LC0015	0.121	0.024	99.2	-0.06	
LC0016	0.116	0.038	95.1	-0.41	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.12	0.053	98.4	-0.13	
LC0020	0.12	0.03	98.4	-0.13	
LC0021	0.1314	0.0195	108	0.65	
LC0022	0.118	0.003	96.8	-0.27	
LC0023	0.13	0.027	107	0.55	
LC0024	0.129	0.005	106	0.48	
LC0025	0.13072	0.00796	107	0.6	
LC0026	0.142	0.028	116	1.37	
LC0027	0.173	0.035	142	3.49	H
LC0028	0.121	0.009	99.2	-0.06	
LC0029	0.11	0.03	90.2	-0.82	
LC0030	0.11	0.033	90.2	-0.82	

Characteristics of parameter

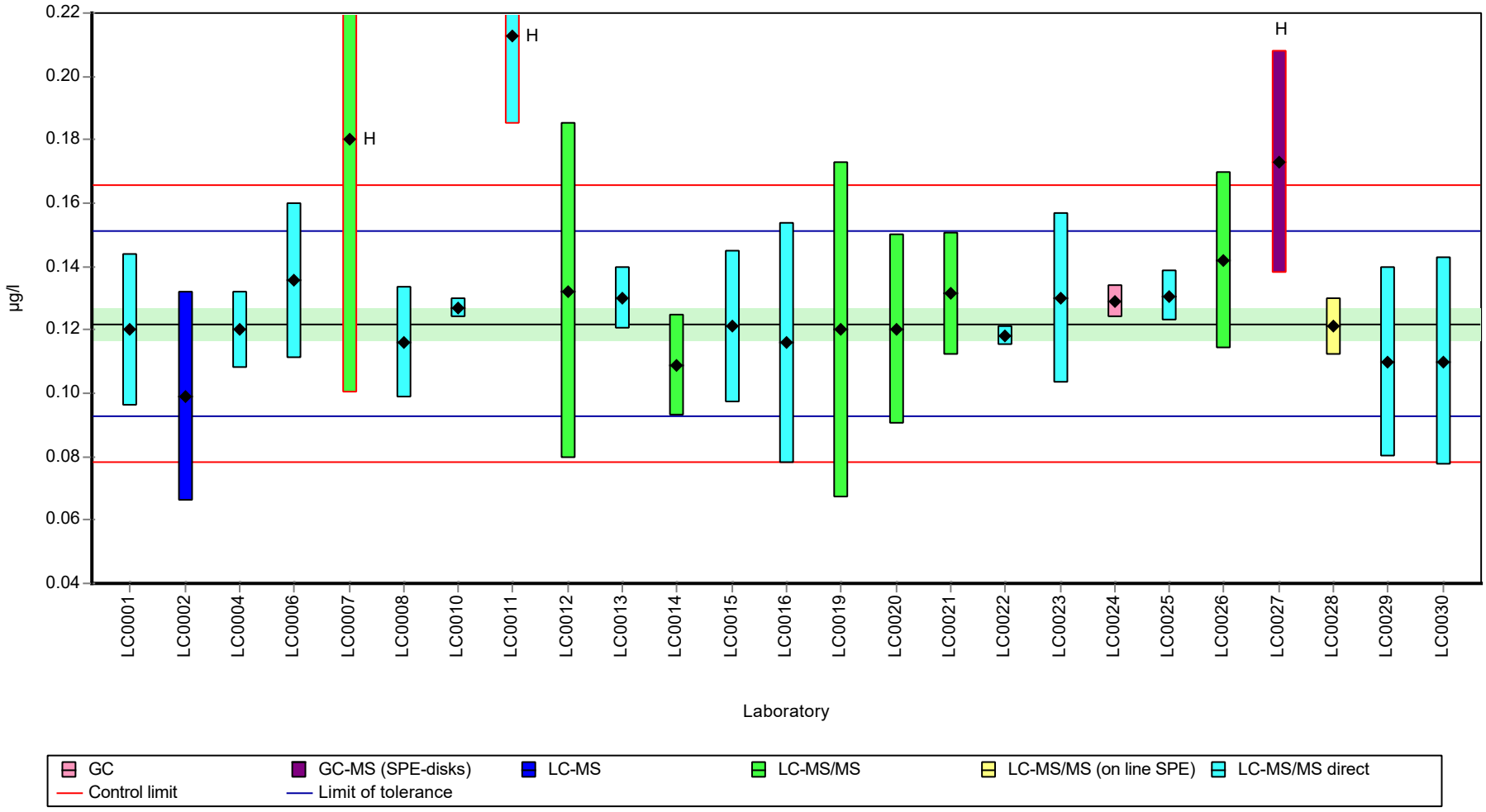
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.13 ± 0.0149	0.122 ± 0.00646	µg/l
Minimum	0.099	0.099	µg/l
Maximum	0.213	0.142	µg/l
Standard deviation	0.0248	0.0101	µg/l
rel. standard deviation	19	8.27	%
n	25	22	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Metazachlor

Graphical presentation of results

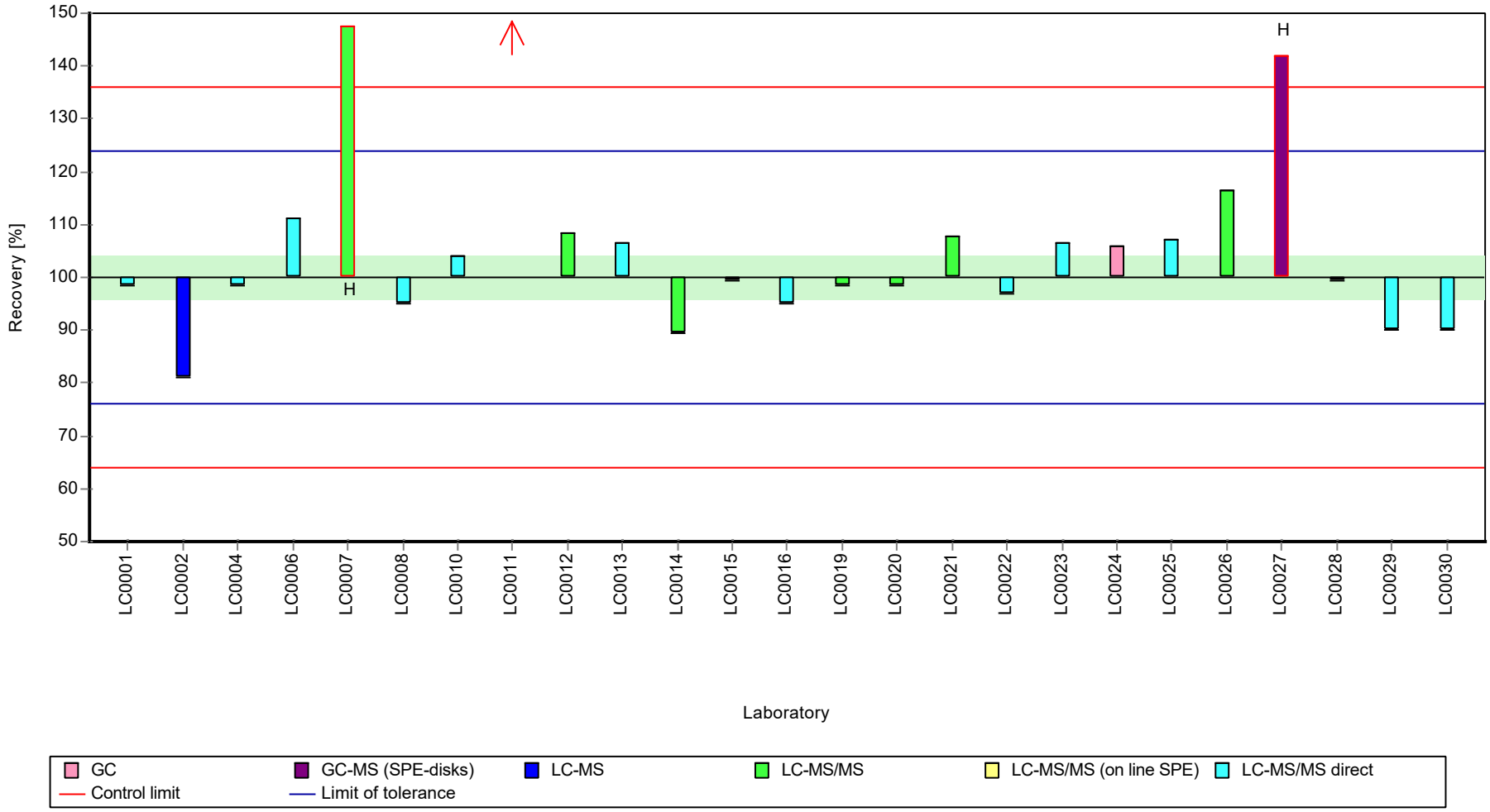
Results



Parameter oriented report Pesticides H116

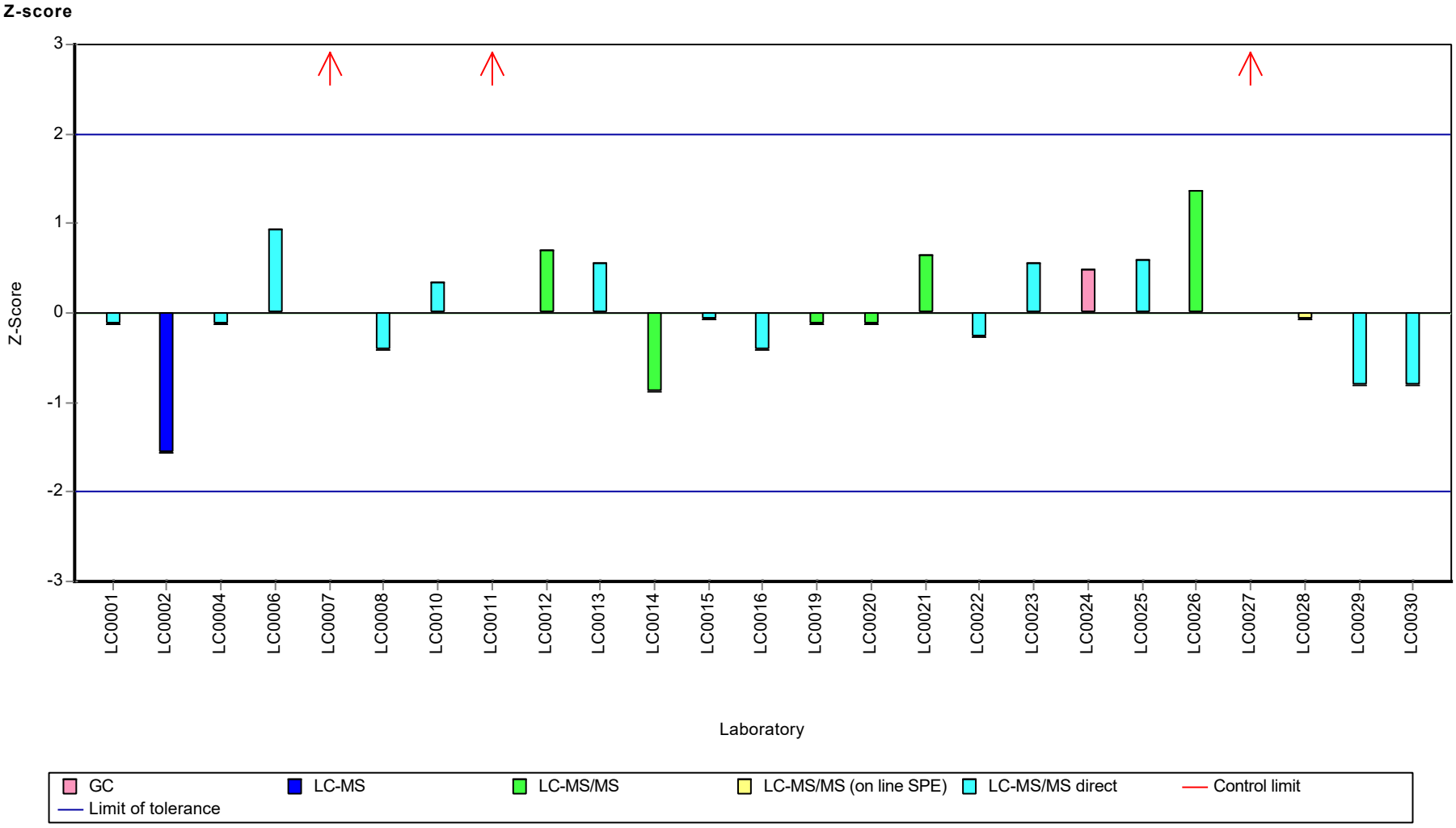
Sample: H116A, Parameter: Metazachlor

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Metazachlor



Parameter oriented report

H116 B

Metazachlor

Unit	µg/l
Assigned value ± U (k=2)	0.588 ± 0.0262
Criterion	0.0705 (12 %)
Minimum - Maximum	0.513 - 0.704
Control test value ± U (k=2)	0.715 ± 0.107

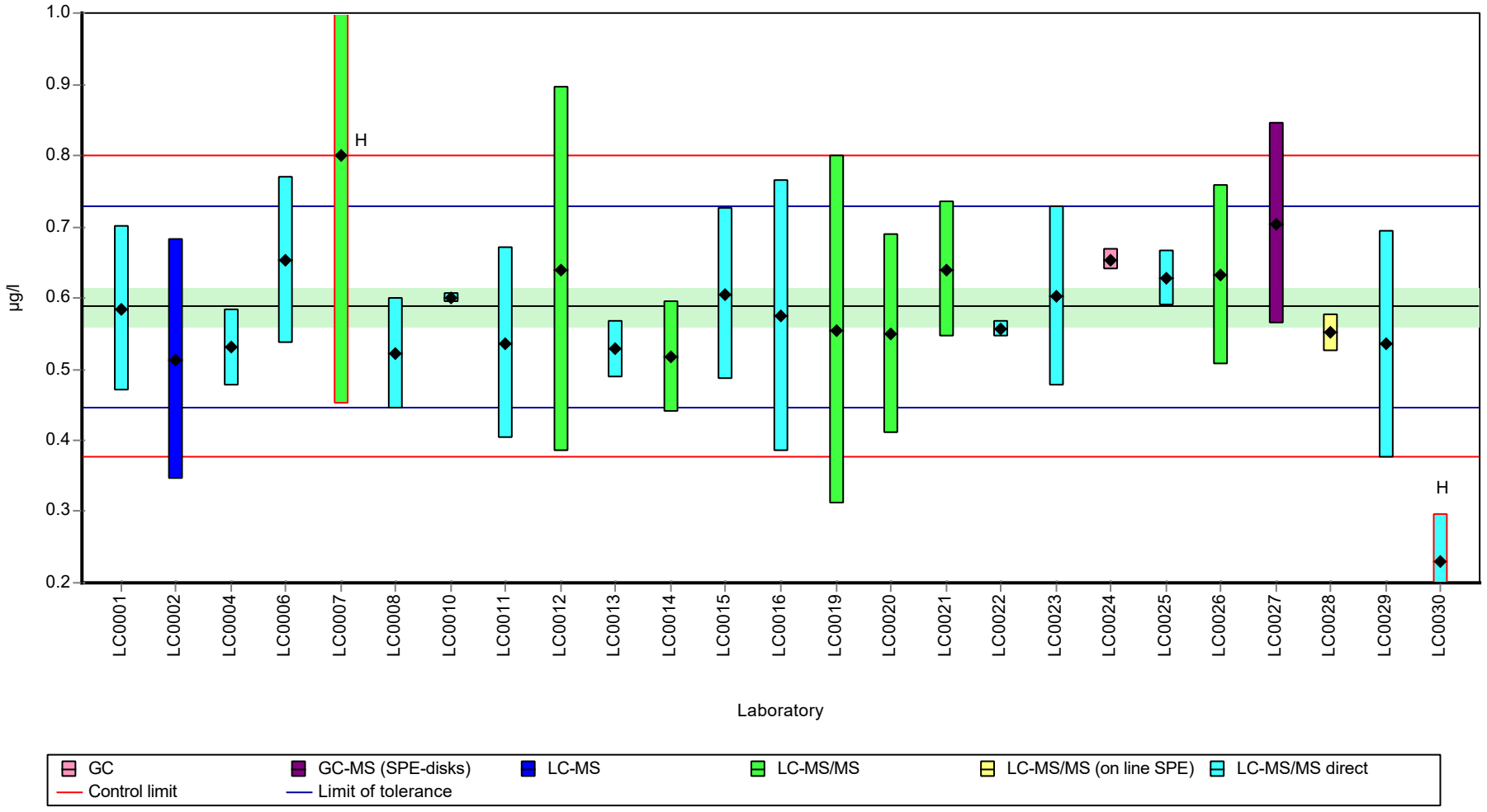
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.585	0.117	99.6	-0.04	
LC0002	0.513	0.169	87.3	-1.06	
LC0003	-	-	-	-	
LC0004	0.53	0.055	90.2	-0.82	
LC0005	-	-	-	-	
LC0006	0.6521	0.11738	111	0.92	
LC0007	0.8	0.35	136	3.01	H
LC0008	0.521	0.0782	88.7	-0.94	
LC0009	-	-	-	-	
LC0010	0.6	0.006	102	0.18	
LC0011	0.5363	0.1341	91.3	-0.73	
LC0012	0.6402	0.256	109	0.75	
LC0013	0.528	0.04	89.9	-0.84	
LC0014	0.517	0.078	88	-1	
LC0015	0.605	0.121	103	0.25	
LC0016	0.575	0.19	97.9	-0.18	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.555	0.244	94.5	-0.46	
LC0020	0.55	0.14	93.6	-0.53	
LC0021	0.6401	0.0951	109	0.74	
LC0022	0.556	0.011	94.6	-0.45	
LC0023	0.602	0.126	102	0.2	
LC0024	0.653	0.015	111	0.93	
LC0025	0.62745	0.03821	107	0.57	
LC0026	0.632	0.126	108	0.63	
LC0027	0.704	0.141	120	1.65	
LC0028	0.551	0.026	93.8	-0.52	
LC0029	0.535	0.16	91.1	-0.75	
LC0030	0.23	0.066	39.1	-5.07	H

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.578 ± 0.0593	0.583 ± 0.0336	µg/l
Minimum	0.23	0.513	µg/l
Maximum	0.8	0.704	µg/l
Standard deviation	0.0988	0.0537	µg/l
rel. standard deviation	17.1	9.21	%
n	25	23	-

Graphical presentation of results

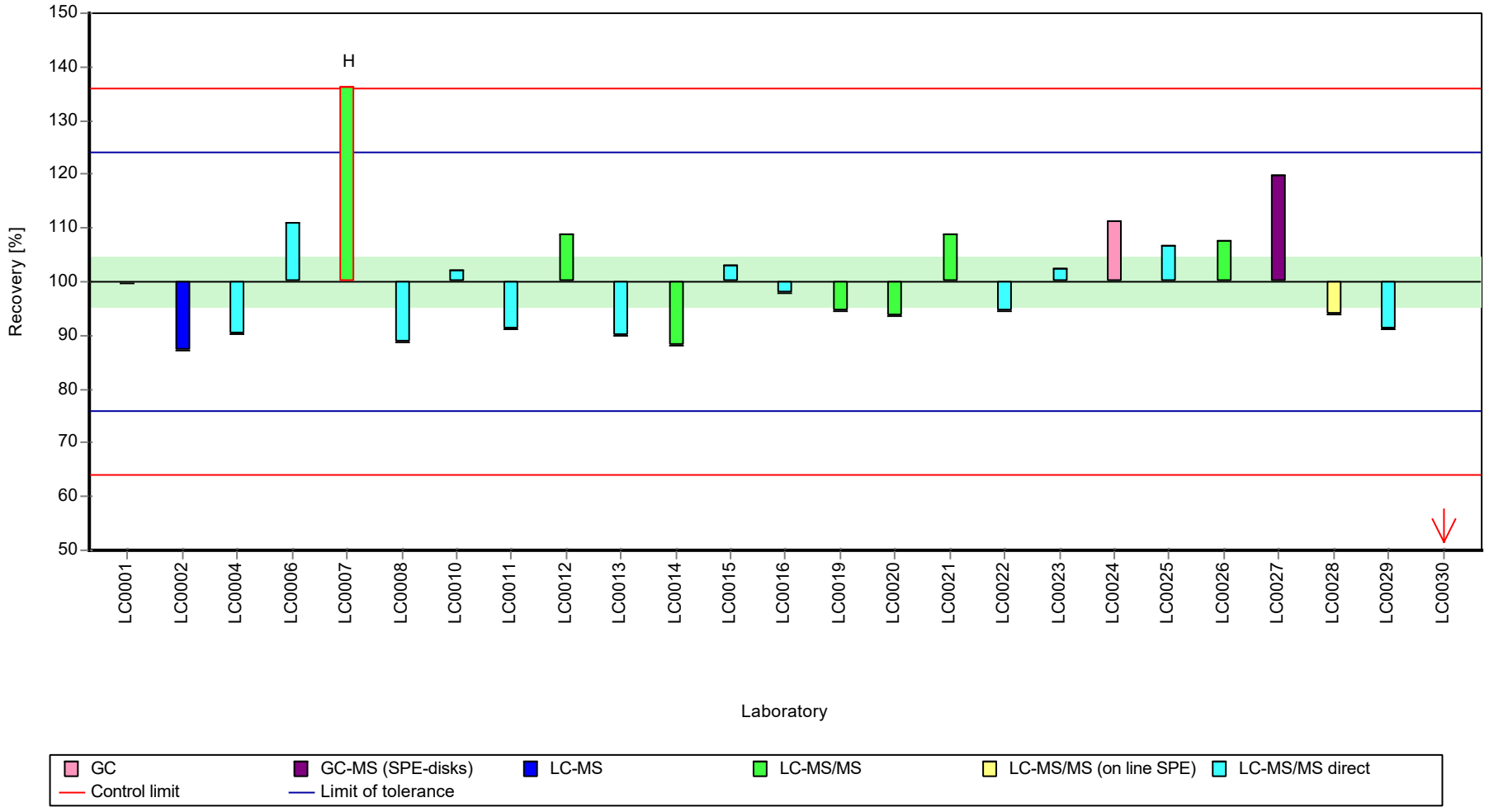
Results



Parameter oriented report Pesticides H116

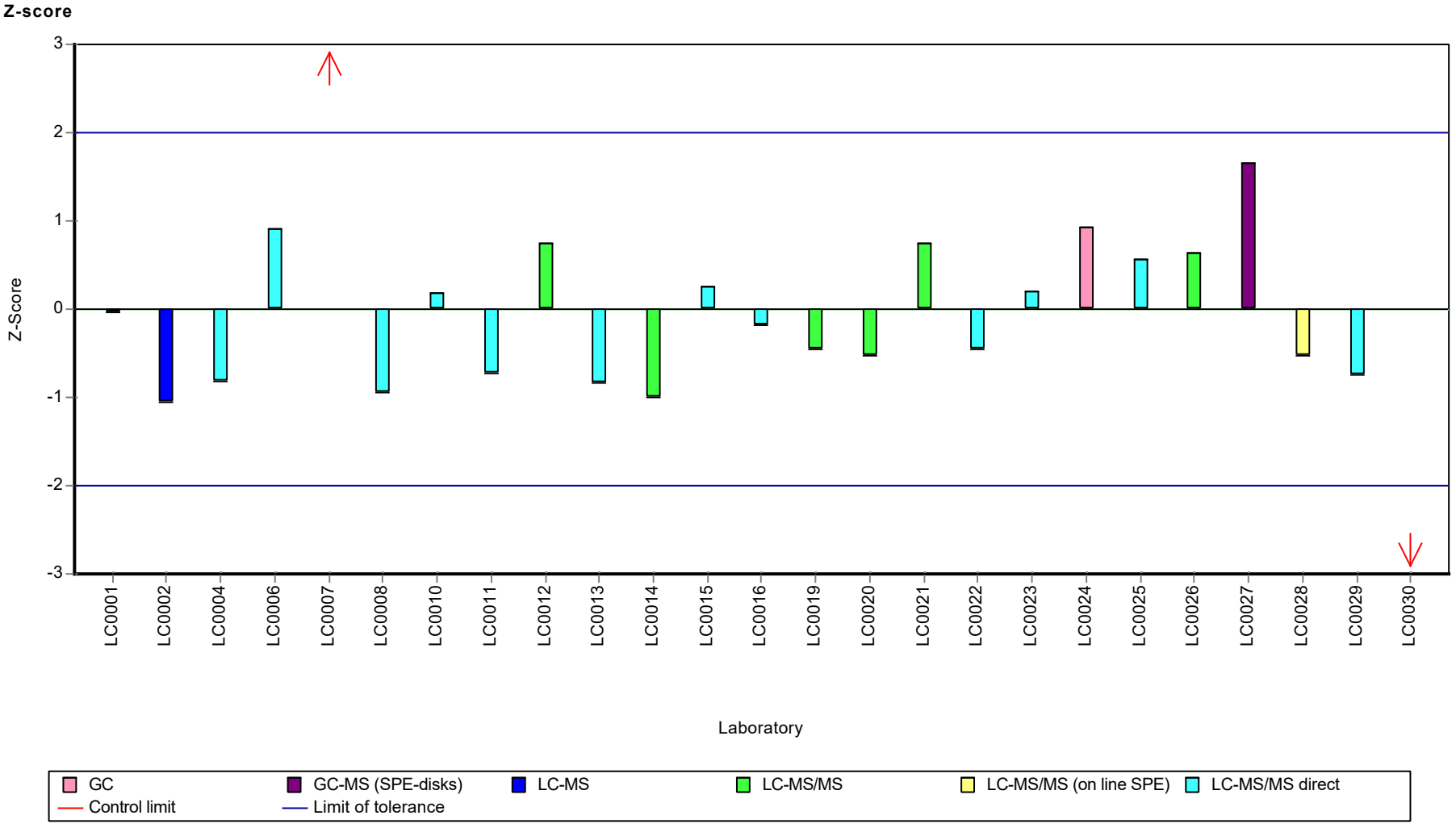
Sample: H116B, Parameter: Metazachlor

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Metazachlor



Parameter oriented report

H116 A

Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.179 ± 0.00711
Criterion	0.0341 (19 %)
Minimum - Maximum	0.146 - 0.204
Control test value ± U (k=2)	0.211 ± 0.0527

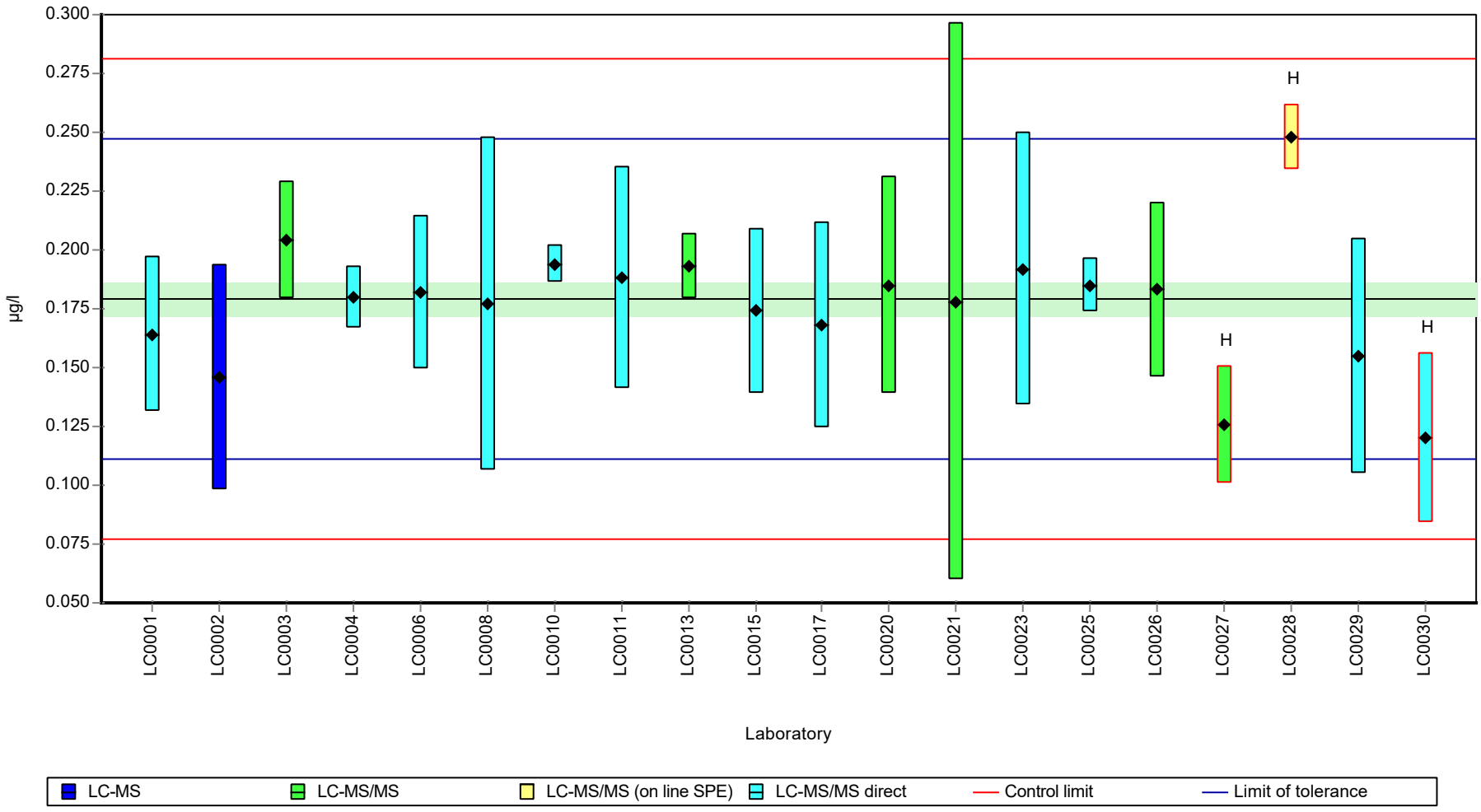
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.164	0.033	91.5	-0.45	
LC0002	0.146	0.048	81.4	-0.98	
LC0003	0.204	0.025	114	0.73	
LC0004	0.18	0.013	100	0.02	
LC0005	-	-	-	-	
LC0006	0.18202	0.03276	102	0.08	
LC0007	-	-	-	-	
LC0008	0.177	0.0708	98.7	-0.07	
LC0009	-	-	-	-	
LC0010	0.194	0.008	108	0.43	
LC0011	0.1881	0.047	105	0.26	
LC0012	-	-	-	-	
LC0013	0.193	0.014	108	0.4	
LC0014	-	-	-	-	
LC0015	0.174	0.035	97.1	-0.16	
LC0016	-	-	-	-	
LC0017	0.168	0.044	93.7	-0.33	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.185	0.046	103	0.17	
LC0021	0.1778	0.1184	99.2	-0.04	
LC0022	-	-	-	-	
LC0023	0.192	0.058	107	0.37	
LC0024	-	-	-	-	
LC0025	0.18499	0.01138	103	0.17	
LC0026	0.183	0.037	102	0.11	
LC0027	0.126	0.025	70.3	-1.56	H
LC0028	0.248	0.014	138	2.02	H
LC0029	0.155	0.05	86.5	-0.71	
LC0030	0.12	0.036	66.9	-1.74	H

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.177 ± 0.0185	0.179 ± 0.0107	µg/l
Minimum	0.12	0.146	µg/l
Maximum	0.248	0.204	µg/l
Standard deviation	0.0275	0.0147	µg/l
rel. standard deviation	15.6	8.17	%
n	20	17	-

Graphical presentation of results

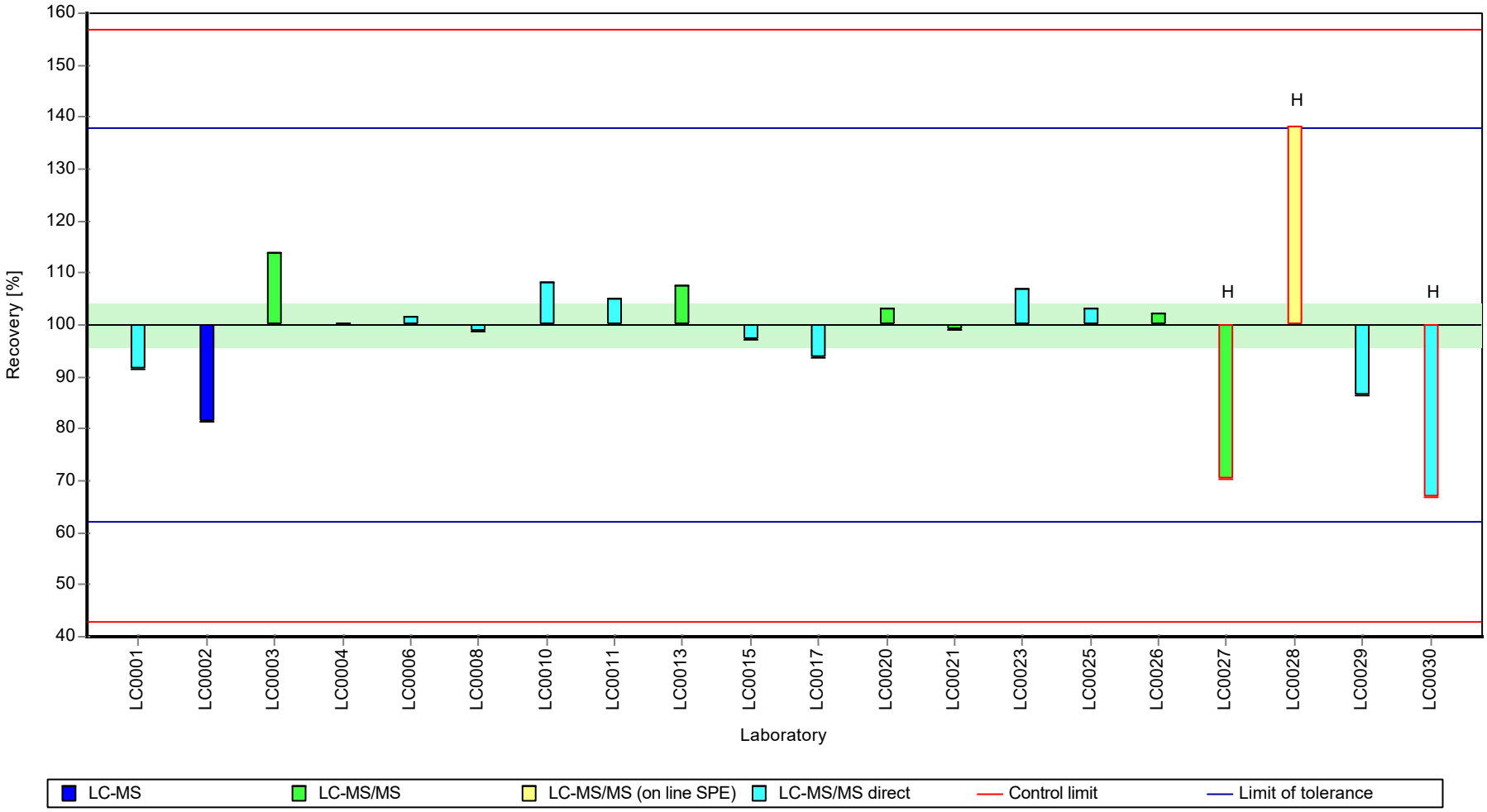
Results



Parameter oriented report Pesticides H116

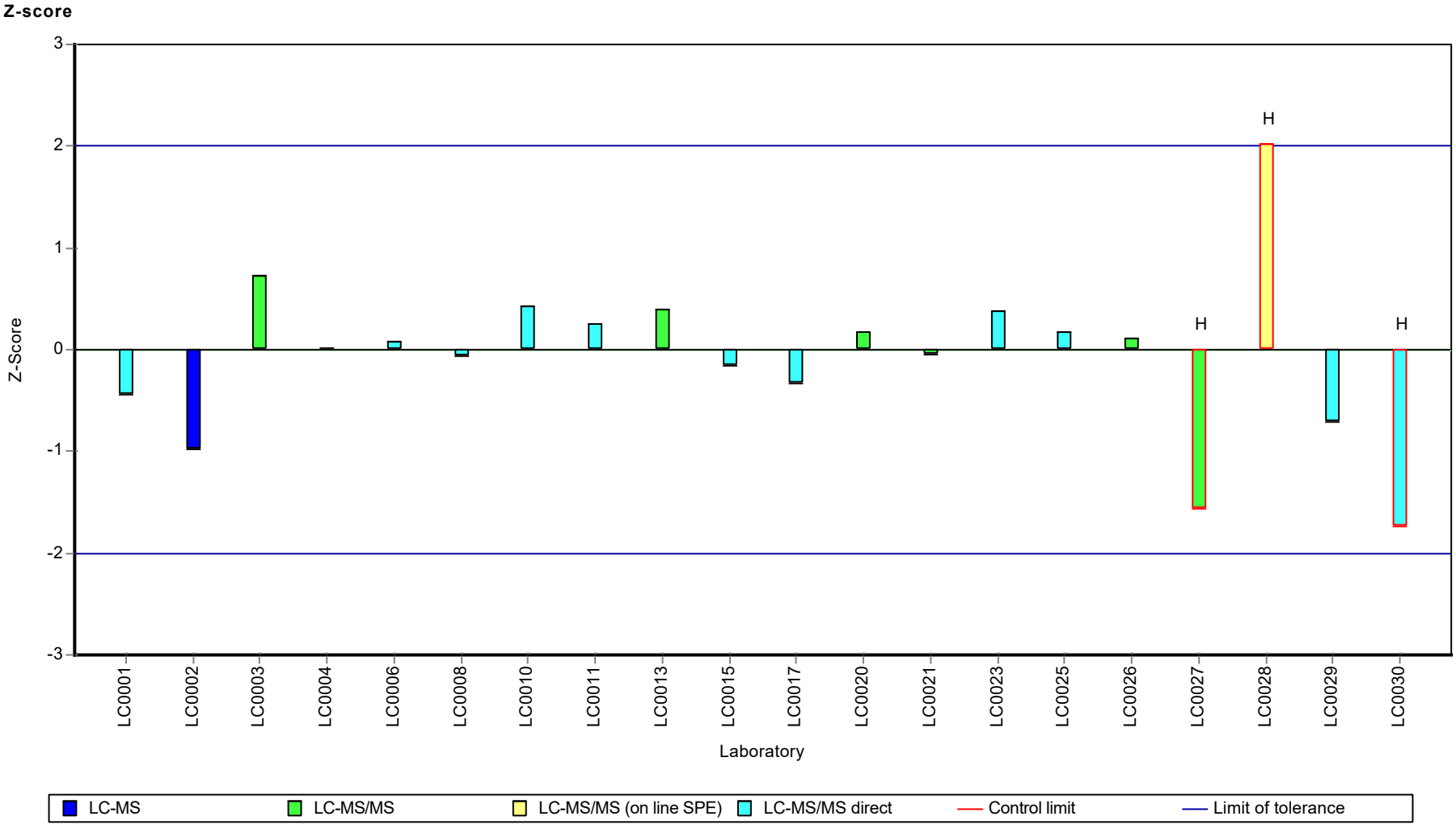
Sample: H116A, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)



Parameter oriented report

H116 B

Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.432 ± 0.0284
Criterion	0.082 (19 %)
Minimum - Maximum	0.306 - 0.552
Control test value ± U (k=2)	0.539 ± 0.135

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.38	0.076	88	-0.63	
LC0002	0.343	0.113	79.4	-1.08	
LC0003	0.467	0.057	108	0.43	
LC0004	0.43	0.032	99.6	-0.02	
LC0005	-	-	-	-	
LC0006	0.41423	0.07456	95.9	-0.21	
LC0007	-	-	-	-	
LC0008	0.438	0.175	101	0.08	
LC0009	-	-	-	-	
LC0010	0.465	0.009	108	0.41	
LC0011	0.4585	0.1146	106	0.33	
LC0012	-	-	-	-	
LC0013	0.545	0.041	126	1.38	
LC0014	-	-	-	-	
LC0015	0.41	0.082	95	-0.27	
LC0016	-	-	-	-	
LC0017	0.459	0.176	106	0.33	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.47	0.12	109	0.47	
LC0021	0.4738	0.3154	110	0.51	
LC0022	-	-	-	-	
LC0023	0.465	0.14	108	0.41	
LC0024	-	-	-	-	
LC0025	0.41792	0.0257	96.8	-0.17	
LC0026	0.436	0.087	101	0.05	
LC0027	0.306	0.061	70.9	-1.53	
LC0028	0.552	0.05	128	1.47	
LC0029	0.375	0.11	86.9	-0.69	
LC0030	0.33	0.09	76.4	-1.24	

Characteristics of parameter

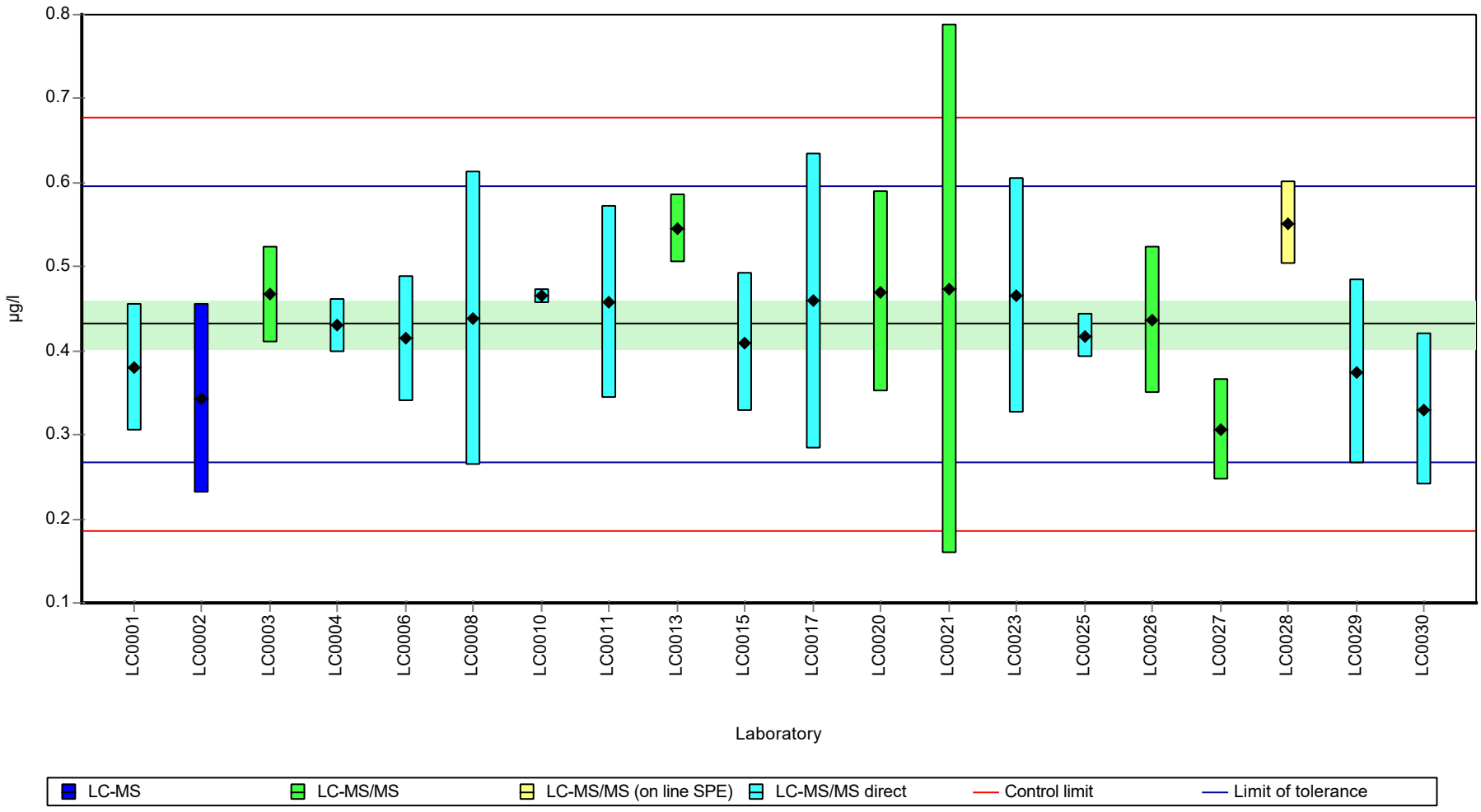
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.432 ± 0.0425	0.432 ± 0.0425	µg/l
Minimum	0.306	0.306	µg/l
Maximum	0.552	0.552	µg/l
Standard deviation	0.0634	0.0634	µg/l
rel. standard deviation	14.7	14.7	%
n	20	20	-

Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Graphical presentation of results

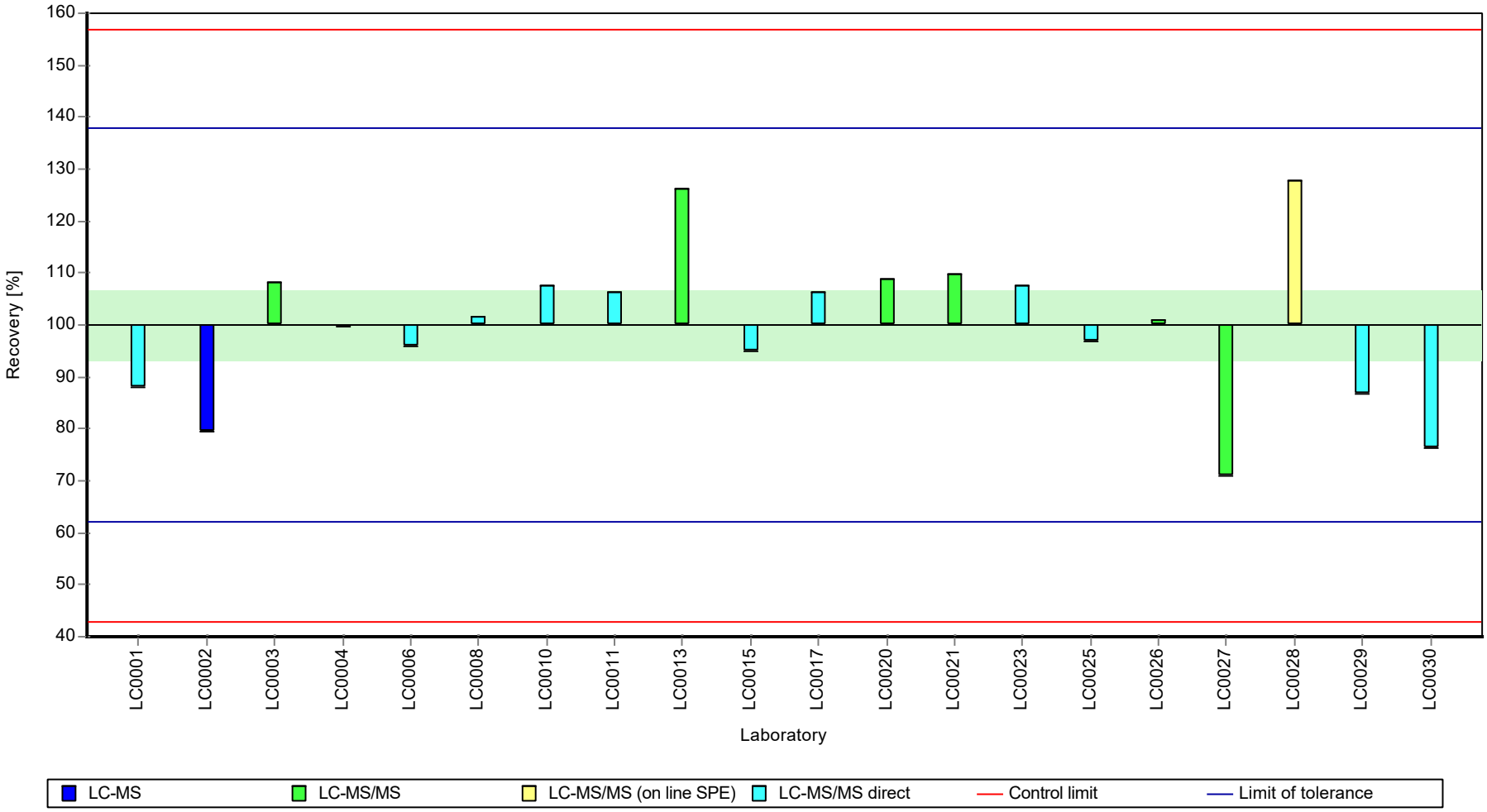
Results



Parameter oriented report Pesticides H116

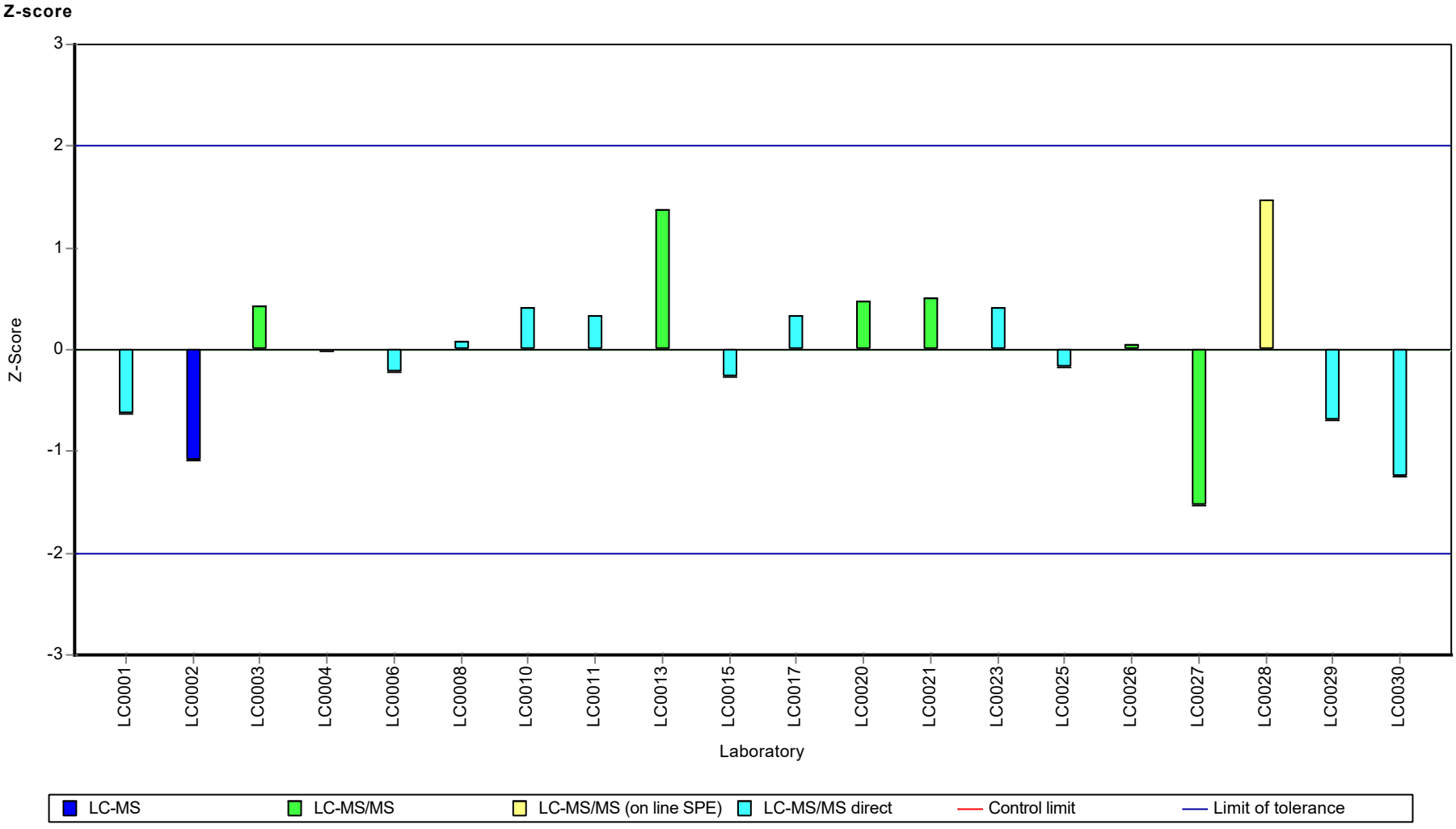
Sample: H116B, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)



Parameter oriented report

H116 A

Metazachlor oxanilic acid (Metazachlor-OA)

Unit	µg/l
Assigned value ± U (k=2)	0.271 ± 0.0175
Criterion	0.0569 (21 %)
Minimum - Maximum	0.18 - 0.335
Control test value ± U (k=2)	0.240 ± 0.048

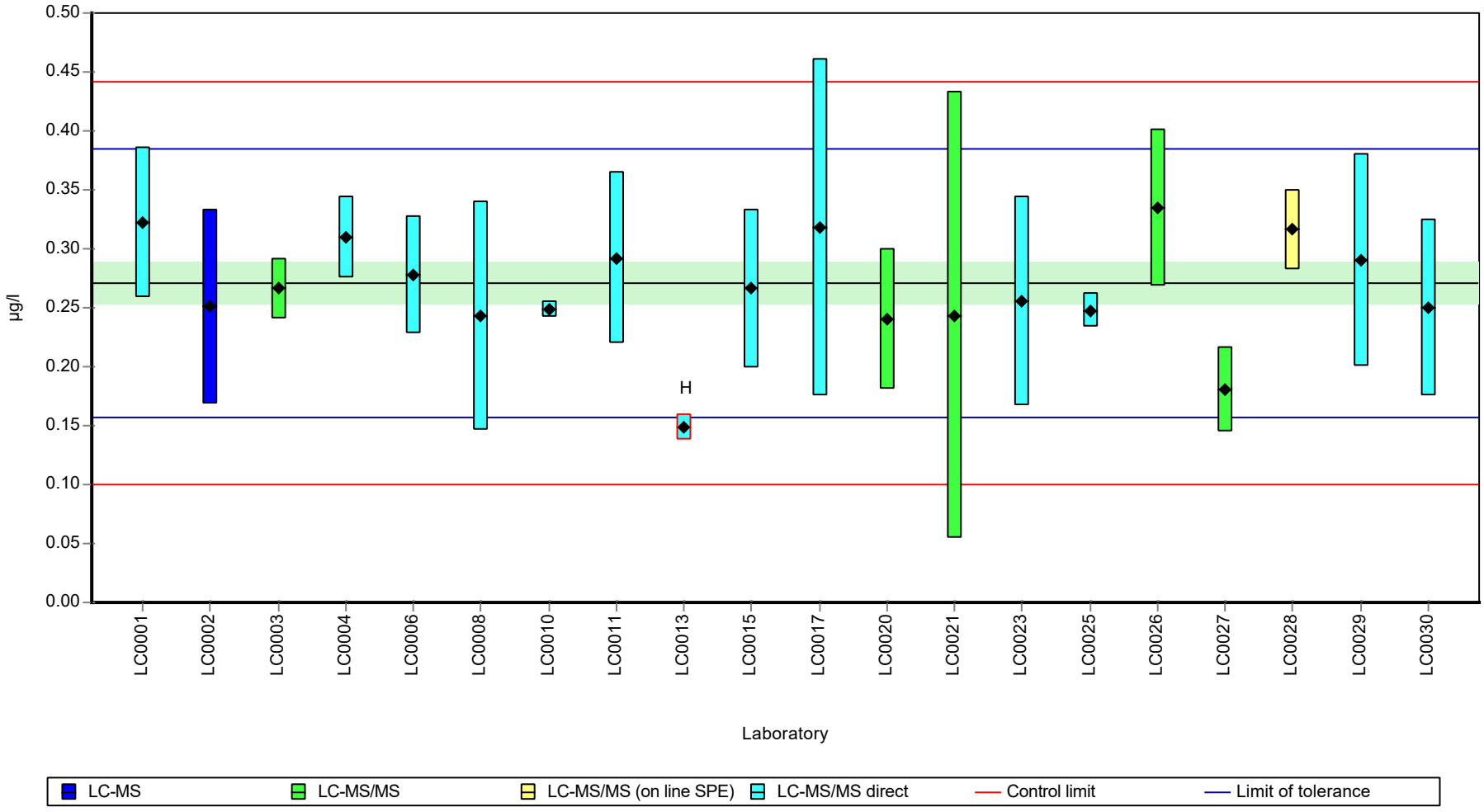
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.322	0.064	119	0.89	
LC0002	0.251	0.083	92.6	-0.35	
LC0003	0.266	0.026	98.1	-0.09	
LC0004	0.31	0.035	114	0.68	
LC0005	-	-	-	-	
LC0006	0.27807	0.05005	103	0.12	
LC0007	-	-	-	-	
LC0008	0.243	0.0972	89.6	-0.49	
LC0009	-	-	-	-	
LC0010	0.248	0.007	91.5	-0.41	
LC0011	0.2923	0.0731	108	0.37	
LC0012	-	-	-	-	
LC0013	0.149	0.011	55	-2.15	H
LC0014	-	-	-	-	
LC0015	0.266	0.067	98.1	-0.09	
LC0016	-	-	-	-	
LC0017	0.318	0.143	117	0.82	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.24	0.06	88.5	-0.55	
LC0021	0.2435	0.1898	89.8	-0.49	
LC0022	-	-	-	-	
LC0023	0.255	0.089	94	-0.28	
LC0024	-	-	-	-	
LC0025	0.24776	0.01487	91.4	-0.41	
LC0026	0.335	0.067	124	1.12	
LC0027	0.18	0.036	66.4	-1.6	
LC0028	0.316	0.034	117	0.79	
LC0029	0.29	0.09	107	0.33	
LC0030	0.25	0.075	92.2	-0.37	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.265 ± 0.031	0.271 ± 0.0263	µg/l
Minimum	0.149	0.18	µg/l
Maximum	0.335	0.335	µg/l
Standard deviation	0.0462	0.0382	µg/l
rel. standard deviation	17.4	14.1	%
n	20	19	-

Graphical presentation of results

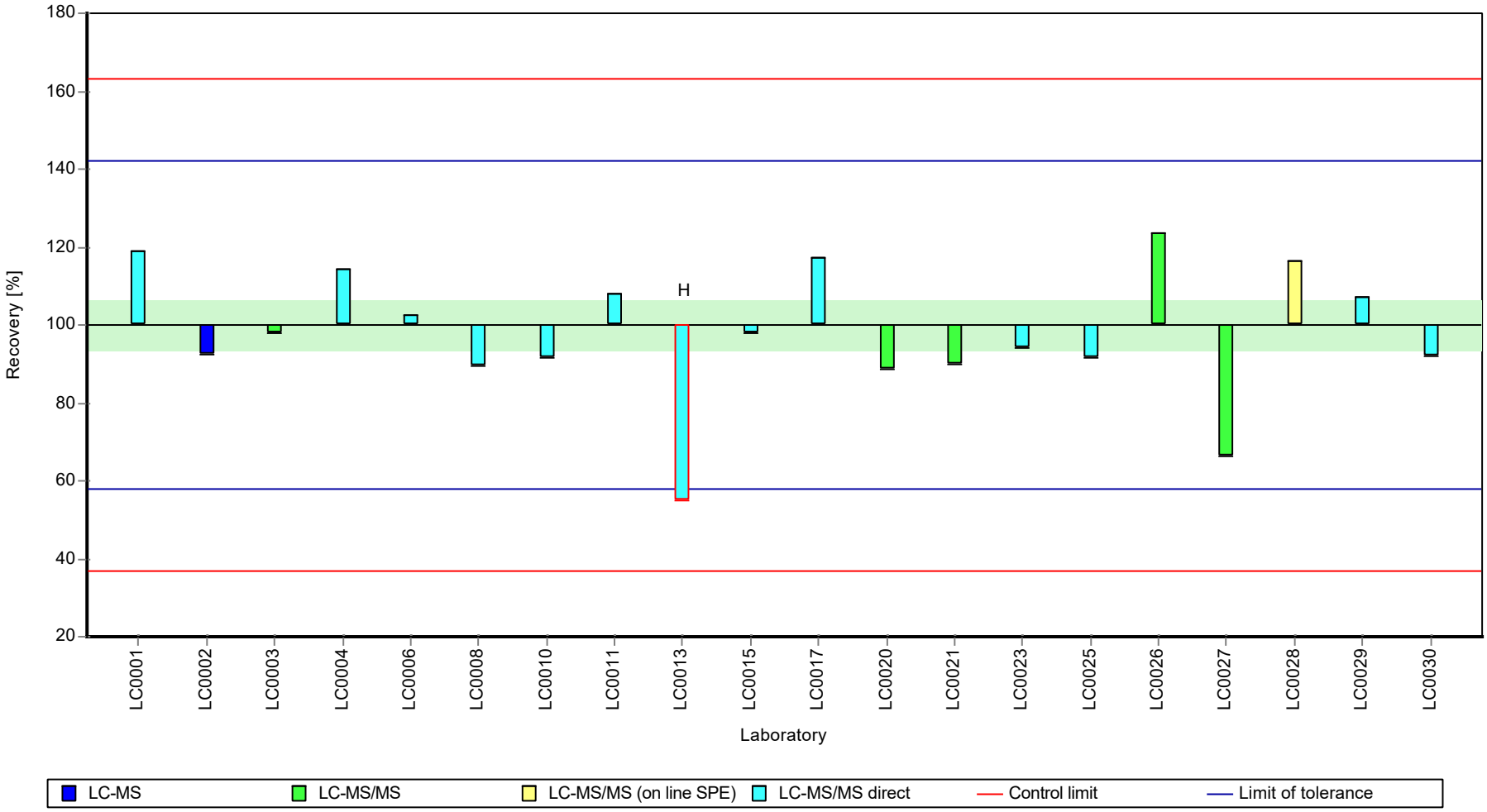
Results



Parameter oriented report Pesticides H116

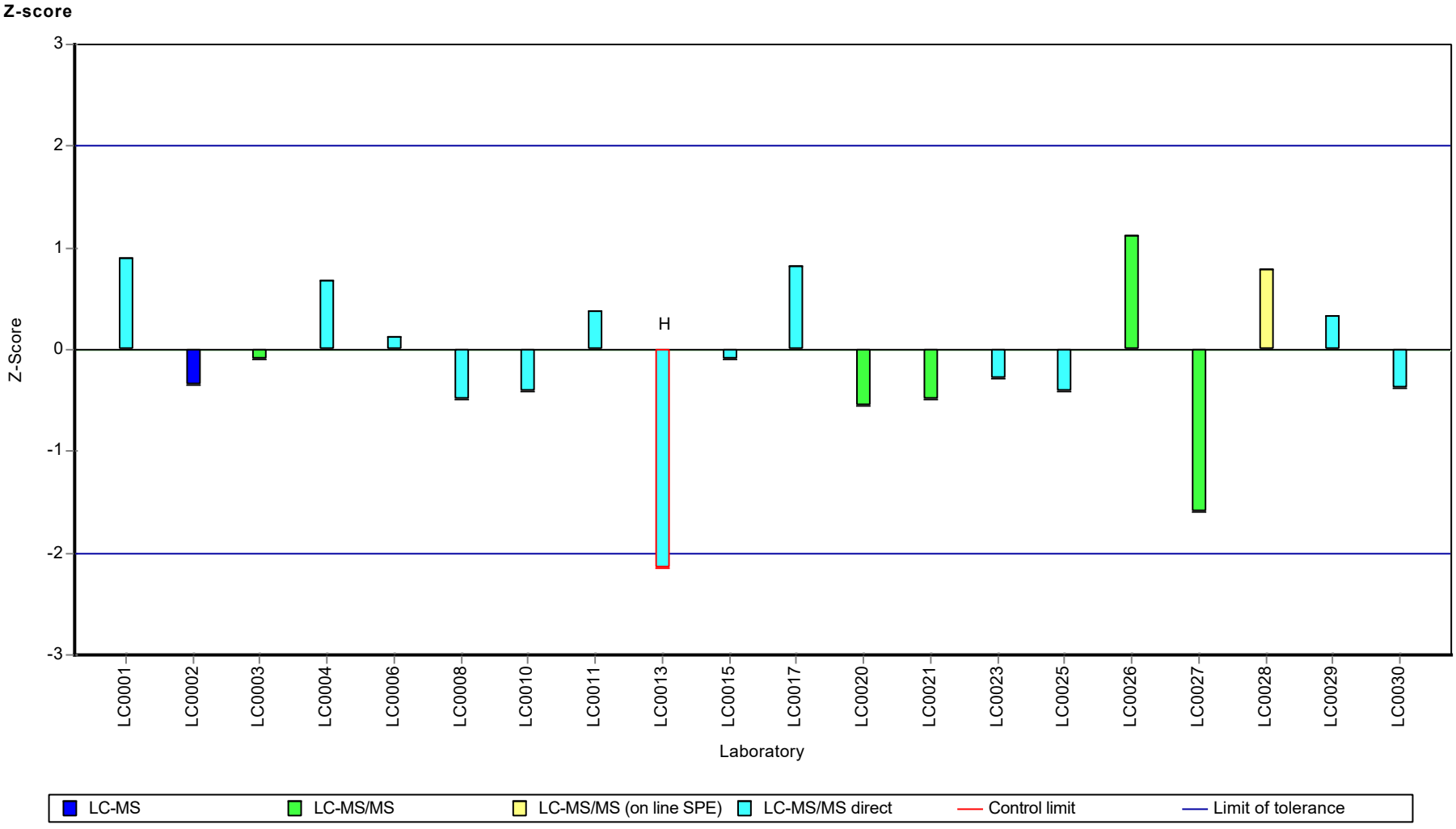
Sample: H116A, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)



Parameter oriented report

H116 B

Metazachlor oxanilic acid (Metazachlor-OA)

Unit	µg/l
Assigned value ± U (k=2)	0.71 ± 0.0538
Criterion	0.149 (21 %)
Minimum - Maximum	0.422 - 0.94
Control test value ± U (k=2)	0.594 ± 0.119

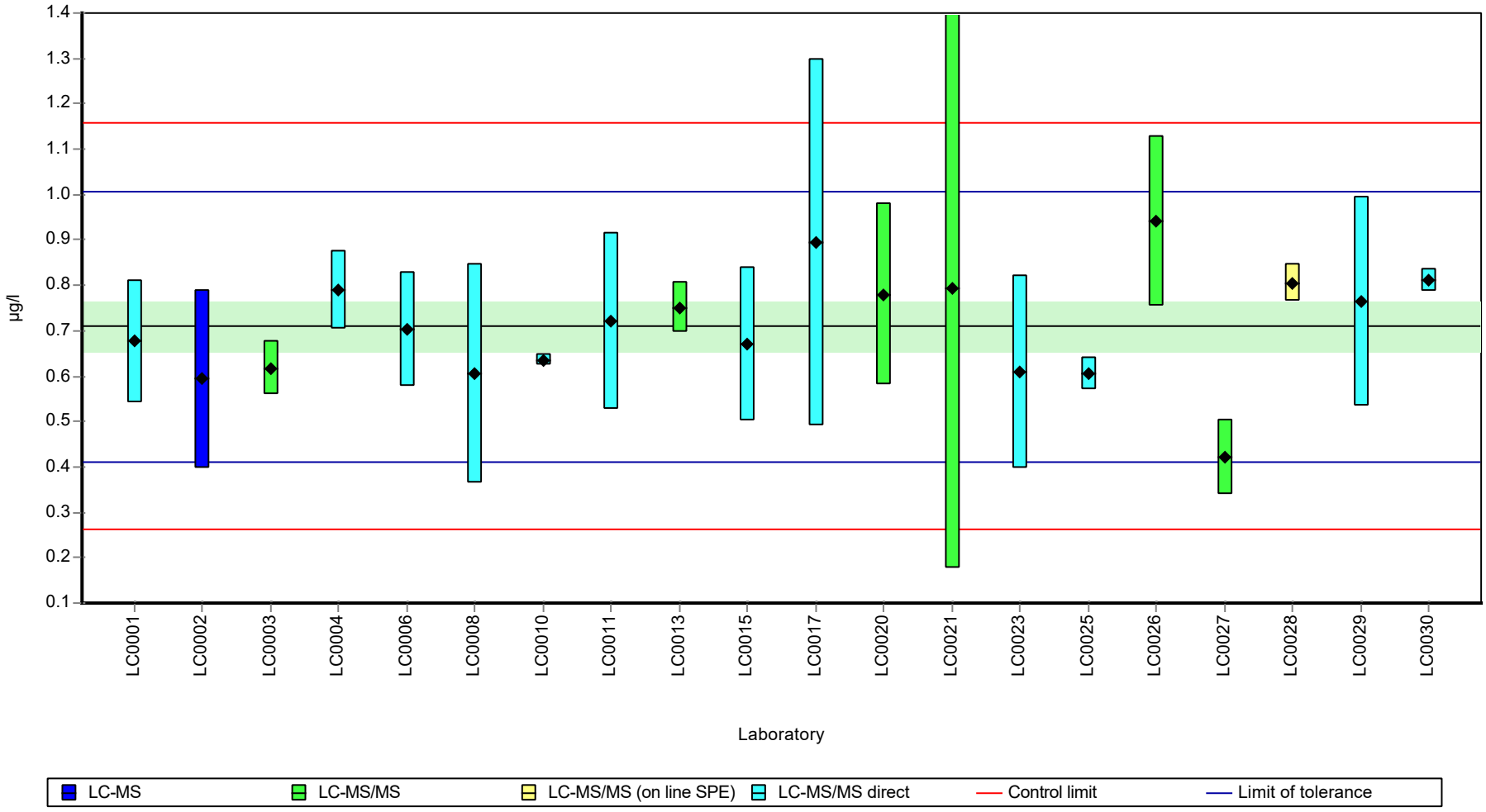
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.677	0.135	95.4	-0.22	
LC0002	0.593	0.196	83.6	-0.78	
LC0003	0.617	0.06	86.9	-0.62	
LC0004	0.79	0.088	111	0.54	
LC0005	-	-	-	-	
LC0006	0.70414	0.12675	99.2	-0.04	
LC0007	-	-	-	-	
LC0008	0.605	0.242	85.2	-0.7	
LC0009	-	-	-	-	
LC0010	0.636	0.014	89.6	-0.49	
LC0011	0.7212	0.1958	102	0.08	
LC0012	-	-	-	-	
LC0013	0.751	0.056	106	0.28	
LC0014	-	-	-	-	
LC0015	0.672	0.17	94.7	-0.25	
LC0016	-	-	-	-	
LC0017	0.895	0.405	126	1.24	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.78	0.2	110	0.47	
LC0021	0.7949	0.6196	112	0.57	
LC0022	-	-	-	-	
LC0023	0.61	0.214	86	-0.67	
LC0024	-	-	-	-	
LC0025	0.60601	0.03636	85.4	-0.7	
LC0026	0.94	0.188	132	1.55	
LC0027	0.422	0.084	59.5	-1.93	
LC0028	0.805	0.042	113	0.64	
LC0029	0.765	0.23	108	0.37	
LC0030	0.81	0.025	114	0.67	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.71 ± 0.0807	0.71 ± 0.0807	µg/l
Minimum	0.422	0.422	µg/l
Maximum	0.94	0.94	µg/l
Standard deviation	0.12	0.12	µg/l
rel. standard deviation	16.9	16.9	%
n	20	20	-

Graphical presentation of results

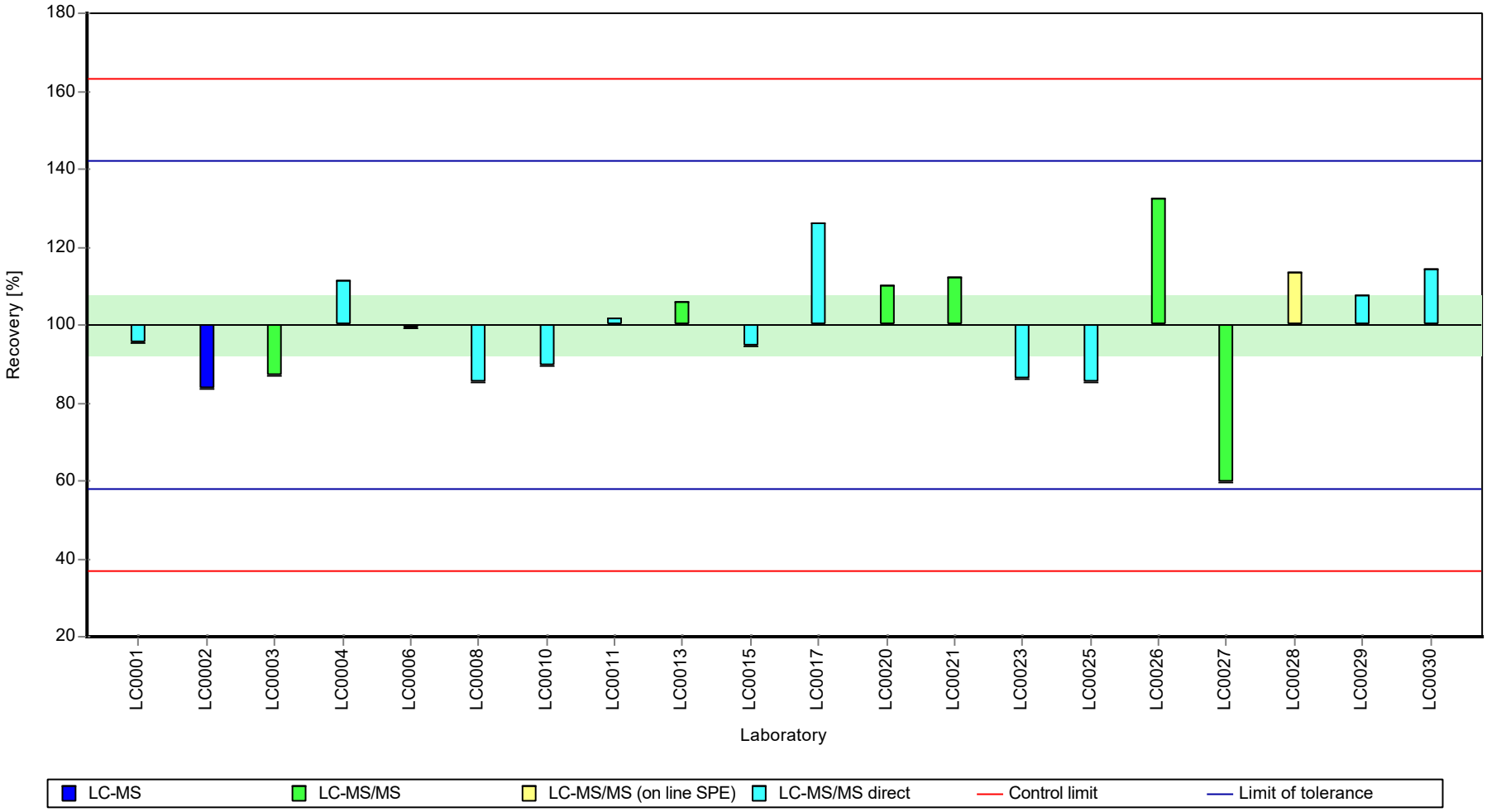
Results



Parameter oriented report Pesticides H116

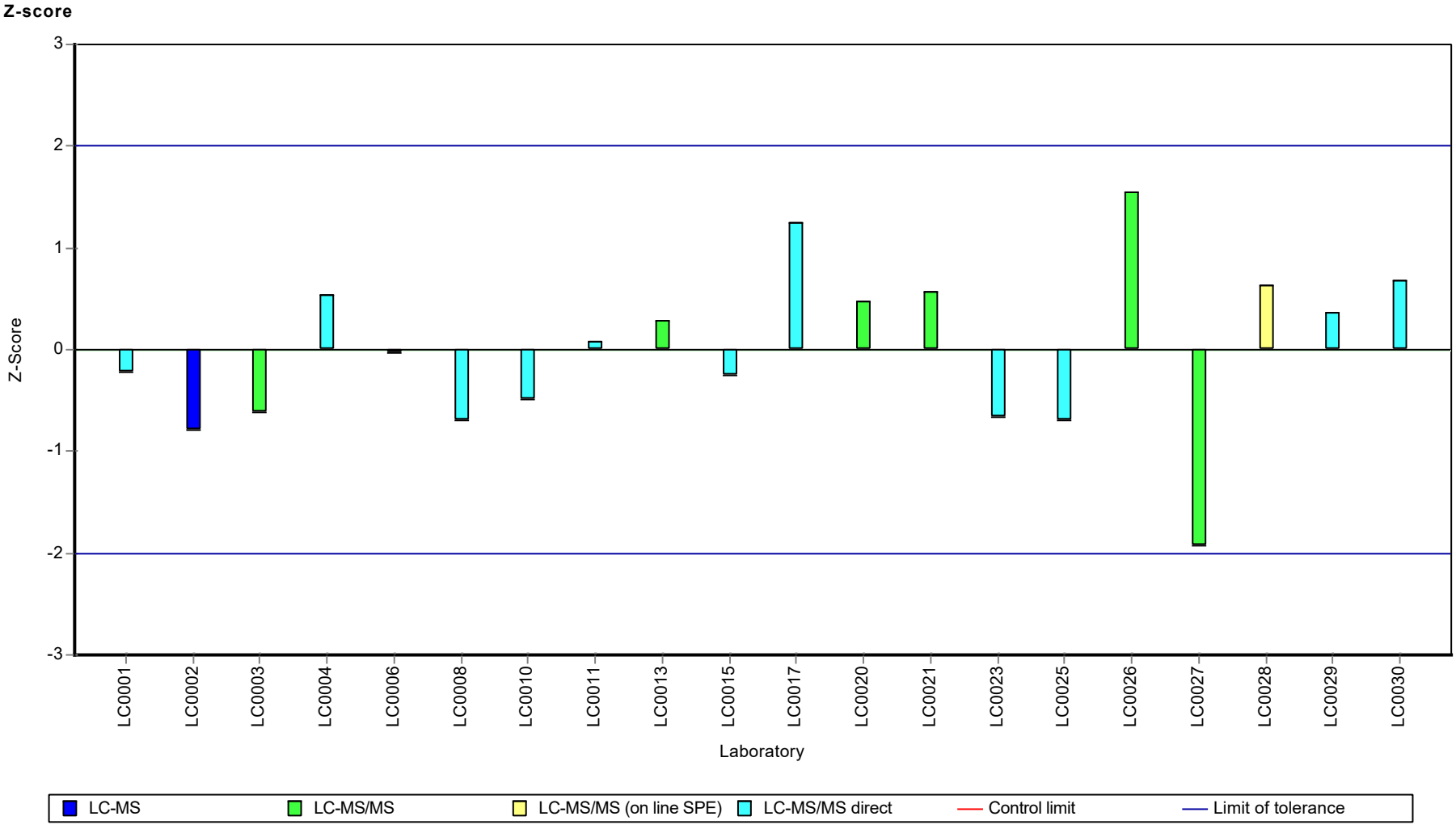
Sample: H116B, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)



Parameter oriented report

H116 A

Metolachlor

Unit	µg/l
Assigned value ± U (k=2)	0.226 ± 0.00884
Criterion	0.0339 (15 %)
Minimum - Maximum	0.177 - 0.262
Control test value ± U (k=2)	0.252 ± 0.101

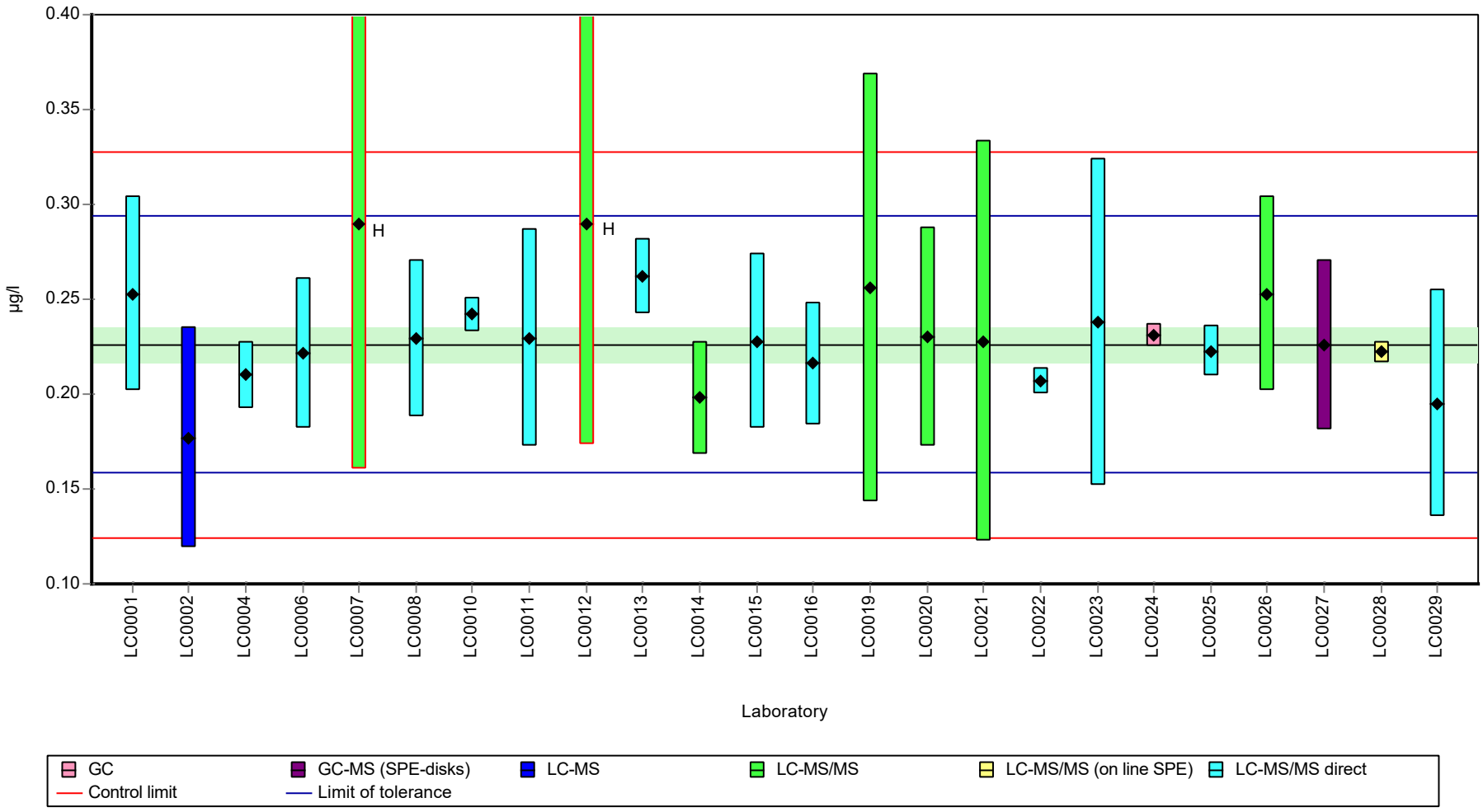
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.253	0.051	112	0.79	
LC0002	0.177	0.058	78.3	-1.45	
LC0003	-	-	-	-	
LC0004	0.21	0.018	92.9	-0.48	
LC0005	-	-	-	-	
LC0006	0.22171	0.03991	98	-0.13	
LC0007	0.29	0.13	128	1.88	H
LC0008	0.229	0.0413	101	0.08	
LC0009	-	-	-	-	
LC0010	0.242	0.009	107	0.47	
LC0011	0.2295	0.0574	101	0.1	
LC0012	0.2895	0.116	128	1.87	H
LC0013	0.262	0.02	116	1.06	
LC0014	0.198	0.03	87.6	-0.83	
LC0015	0.228	0.046	101	0.06	
LC0016	0.216	0.032	95.5	-0.3	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.256	0.113	113	0.88	
LC0020	0.23	0.058	102	0.11	
LC0021	0.228	0.1053	101	0.06	
LC0022	0.207	0.007	91.5	-0.56	
LC0023	0.238	0.086	105	0.35	
LC0024	0.231	0.006	102	0.14	
LC0025	0.22262	0.01326	98.4	-0.1	
LC0026	0.253	0.051	112	0.79	
LC0027	0.226	0.045	99.9	0.00	
LC0028	0.222	0.006	98.2	-0.12	
LC0029	0.195	0.06	86.2	-0.92	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.231 ± 0.0164	0.226 ± 0.0133	µg/l
Minimum	0.177	0.177	µg/l
Maximum	0.29	0.262	µg/l
Standard deviation	0.0267	0.0207	µg/l
rel. standard deviation	11.6	9.17	%
n	24	22	-

Graphical presentation of results

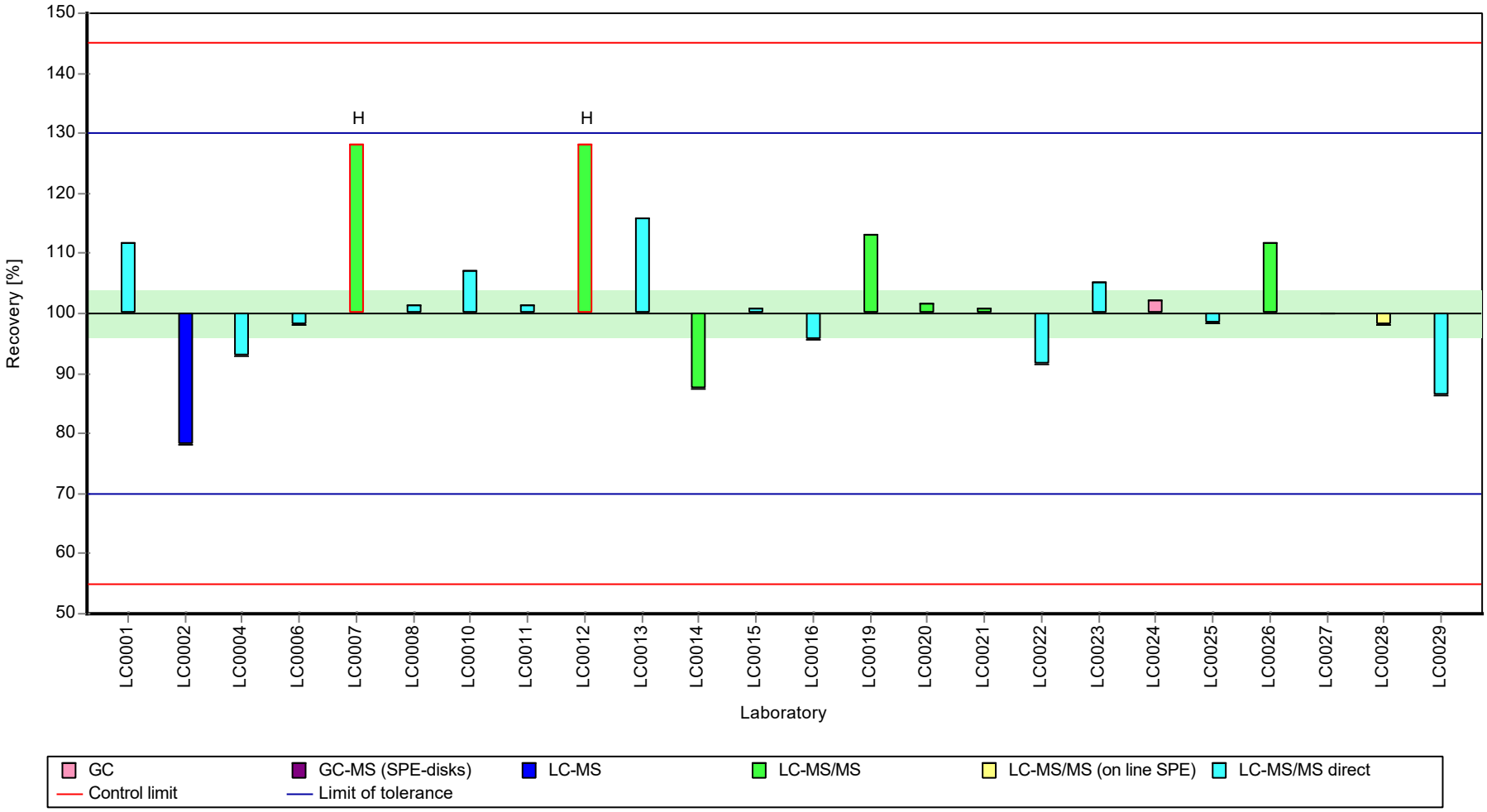
Results



Parameter oriented report Pesticides H116

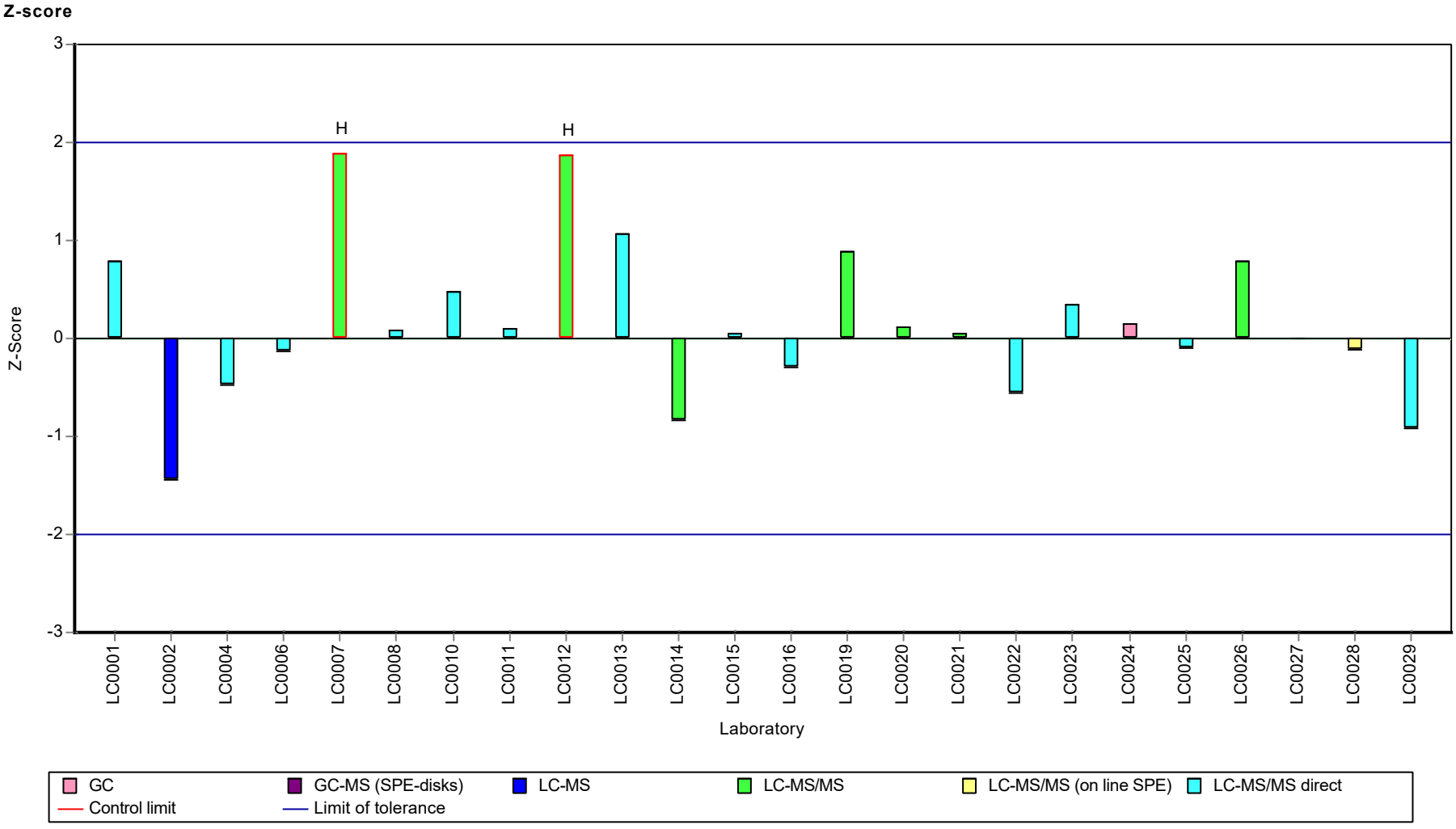
Sample: H116A, Parameter: Metolachlor

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: Metolachlor



Parameter oriented report

H116 B

Metolachlor

Unit	µg/l
Assigned value ± U (k=2)	0.772 ± 0.0234
Criterion	0.116 (15 %)
Minimum - Maximum	0.675 - 0.911
Control test value ± U (k=2)	0.846 ± 0.338

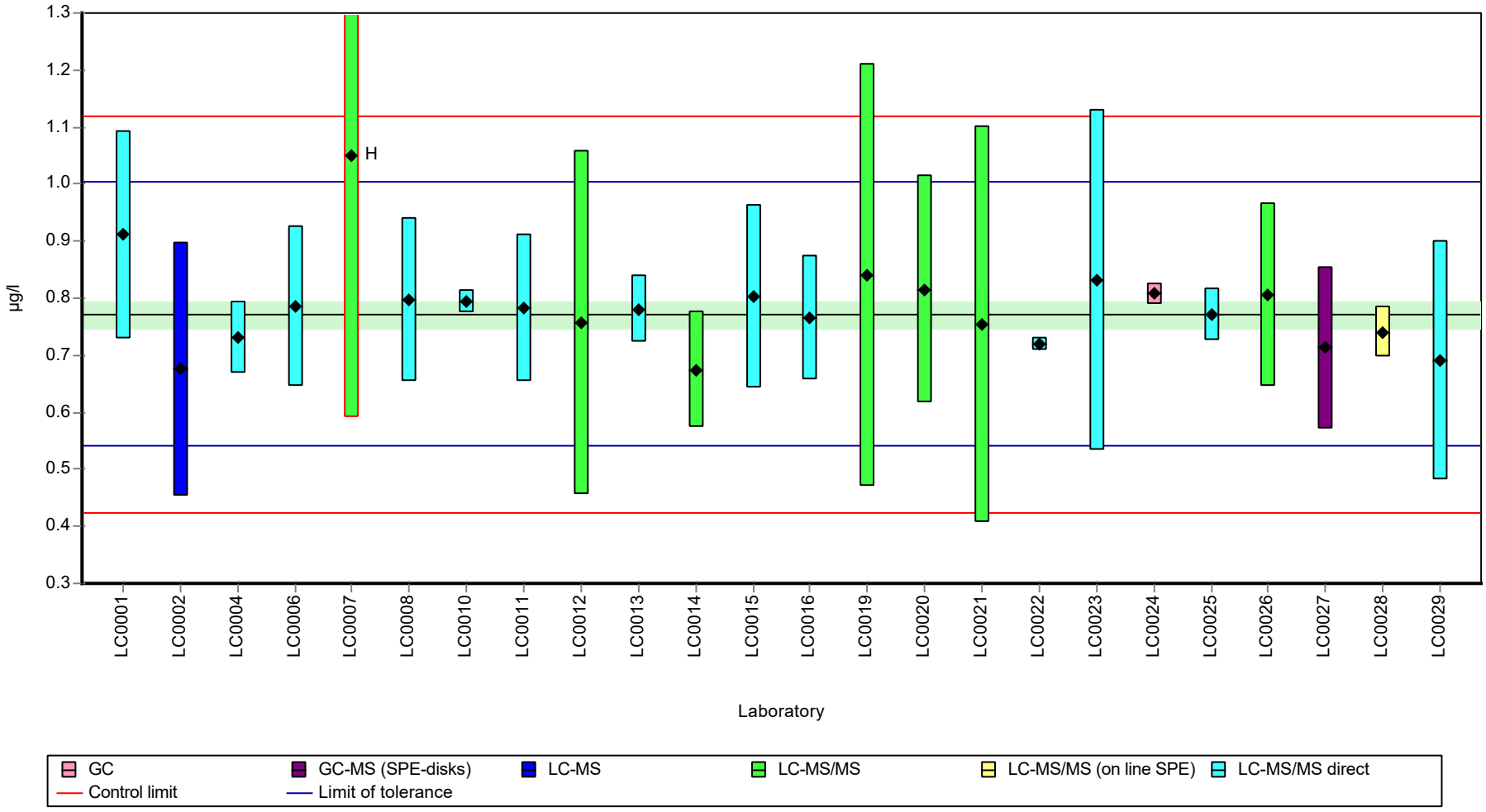
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.911	0.182	118	1.2	
LC0002	0.676	0.223	87.6	-0.83	
LC0003	-	-	-	-	
LC0004	0.73	0.063	94.6	-0.36	
LC0005	-	-	-	-	
LC0006	0.78586	0.14145	102	0.12	
LC0007	1.05	0.46	136	2.4	H
LC0008	0.797	0.144	103	0.22	
LC0009	-	-	-	-	
LC0010	0.795	0.02	103	0.2	
LC0011	0.7834	0.1296	102	0.1	
LC0012	0.7558	0.302	97.9	-0.14	
LC0013	0.78	0.059	101	0.07	
LC0014	0.675	0.101	87.5	-0.84	
LC0015	0.804	0.161	104	0.28	
LC0016	0.765	0.11	99.1	-0.06	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.84	0.37	109	0.59	
LC0020	0.815	0.2	106	0.37	
LC0021	0.7537	0.348	97.7	-0.16	
LC0022	0.72	0.012	93.3	-0.45	
LC0023	0.831	0.299	108	0.51	
LC0024	0.808	0.019	105	0.31	
LC0025	0.77219	0.04599	100	0.00	
LC0026	0.807	0.161	105	0.31	
LC0027	0.713	0.143	92.4	-0.51	
LC0028	0.741	0.045	96	-0.27	
LC0029	0.69	0.21	89.4	-0.71	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.783 ± 0.0484	0.772 ± 0.0351	µg/l
Minimum	0.675	0.675	µg/l
Maximum	1.05	0.911	µg/l
Standard deviation	0.079	0.0561	µg/l
rel. standard deviation	10.1	7.27	%
n	24	23	-

Graphical presentation of results

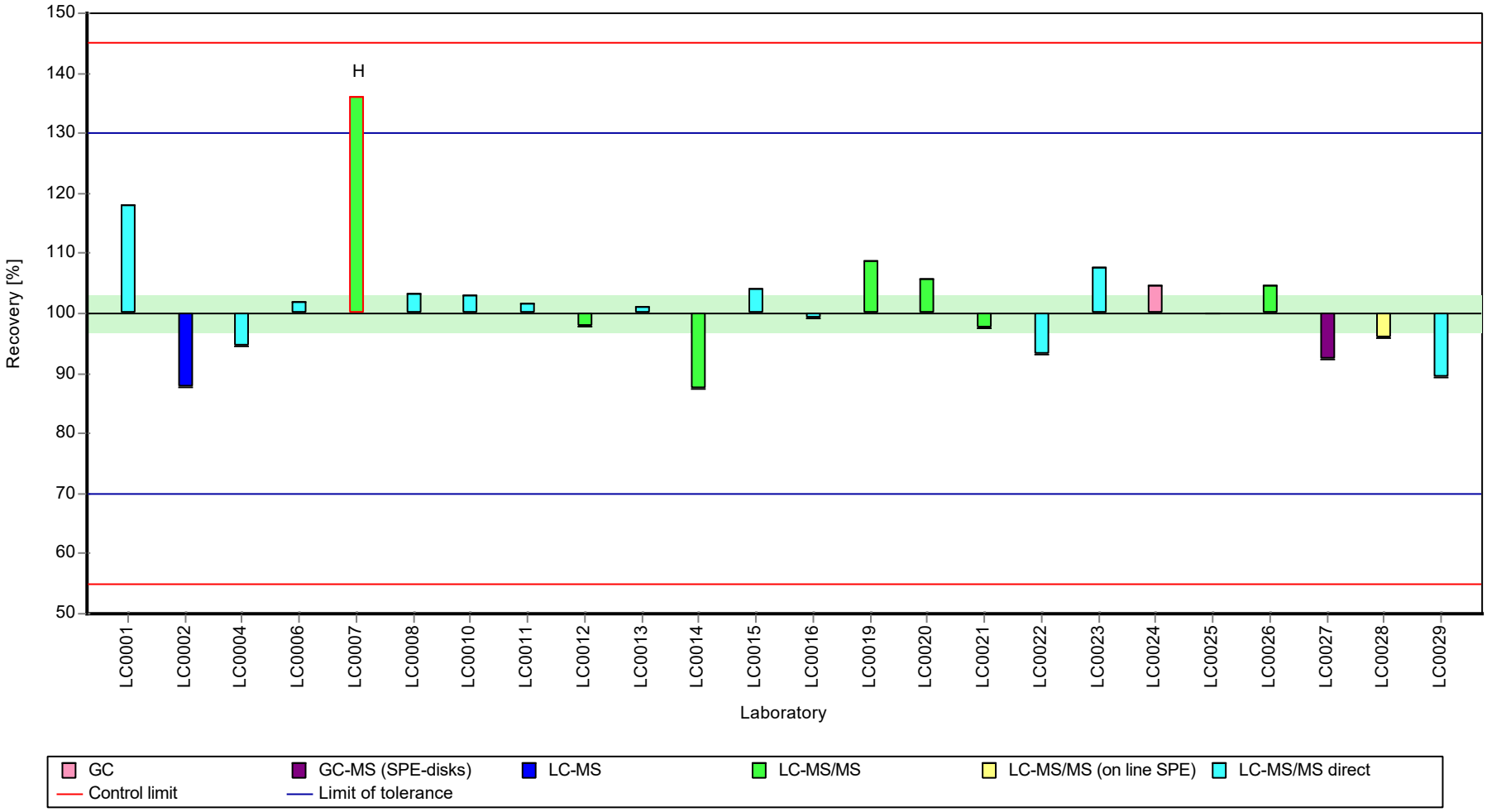
Results



Parameter oriented report Pesticides H116

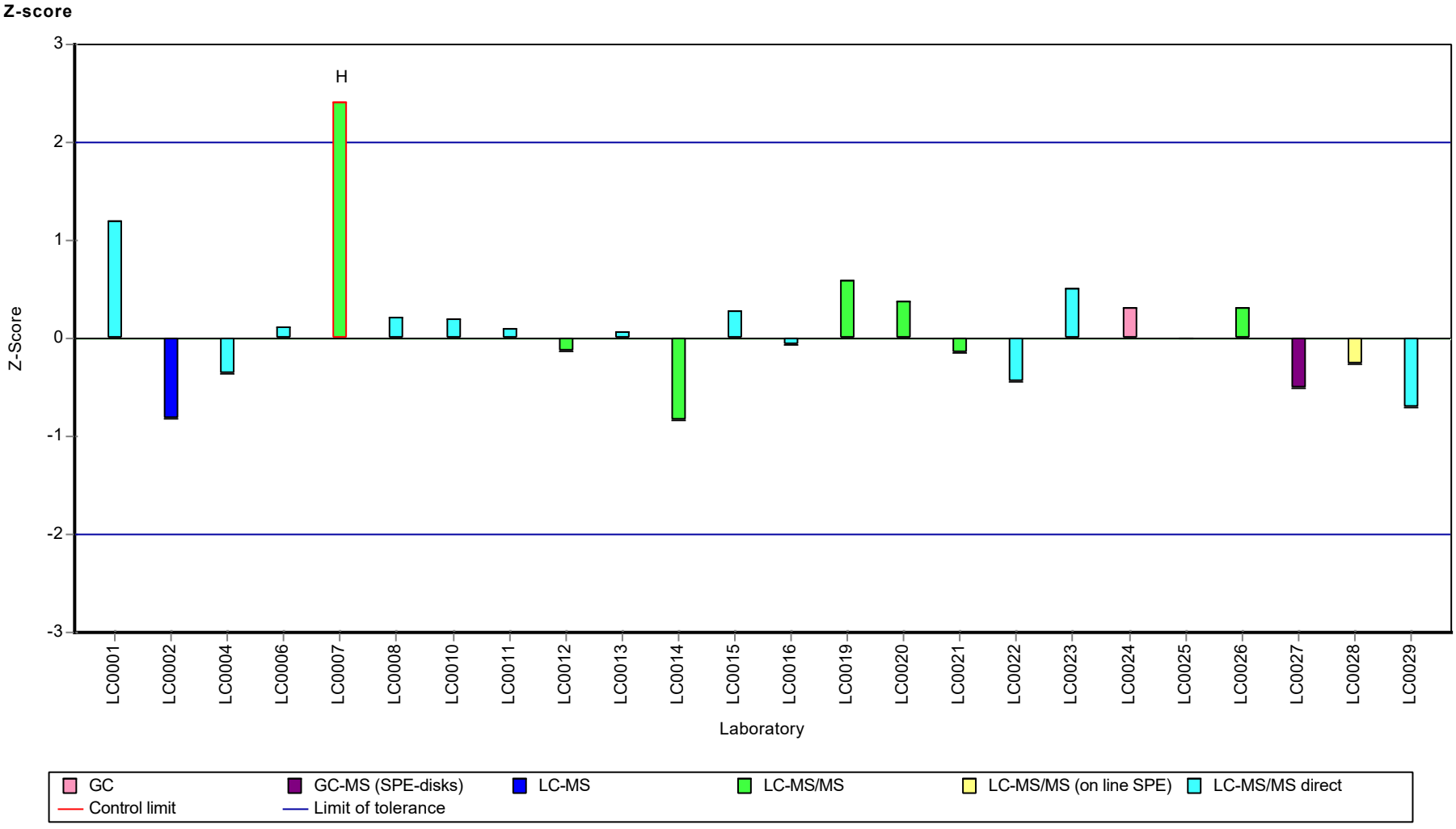
Sample: H116B, Parameter: Metolachlor

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: Metolachlor



Parameter oriented report

H116 A

s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.227 ± 0.00949
Criterion	0.0453 (20 %)
Minimum - Maximum	0.18 - 0.258
Control test value ± U (k=2)	0.225 ± 0.0449

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.235	0.047	104	0.19	
LC0002	0.21	0.069	92.7	-0.37	
LC0003	0.244	0.034	108	0.38	
LC0004	0.24	0.019	106	0.3	
LC0005	-	-	-	-	
LC0006	0.21621	0.03892	95.4	-0.23	
LC0007	0.18	0.08	79.4	-1.03	
LC0008	0.22	0.088	97.1	-0.15	
LC0009	-	-	-	-	
LC0010	0.238	0.005	105	0.25	
LC0011	0.2092	0.0522	92.3	-0.38	
LC0012	-	-	-	-	
LC0013	0.232	0.017	102	0.12	
LC0014	-	-	-	-	
LC0015	0.218	0.044	96.2	-0.19	
LC0016	-	-	-	-	
LC0017	0.23	0.065	102	0.08	
LC0018	-	-	-	-	
LC0019	0.247	0.109	109	0.45	
LC0020	0.2	0.05	88.3	-0.59	
LC0021	0.1869	0.1152	82.5	-0.88	
LC0022	-	-	-	-	
LC0023	0.248	0.057	109	0.47	
LC0024	-	-	-	-	
LC0025	0.23053	0.01337	102	0.09	
LC0026	0.239	0.048	105	0.27	
LC0027	0.126	0.025	55.6	-2.22	H
LC0028	0.258	0.012	114	0.69	
LC0029	0.25	0.08	110	0.52	
LC0030	-	-	-	-	

Characteristics of parameter

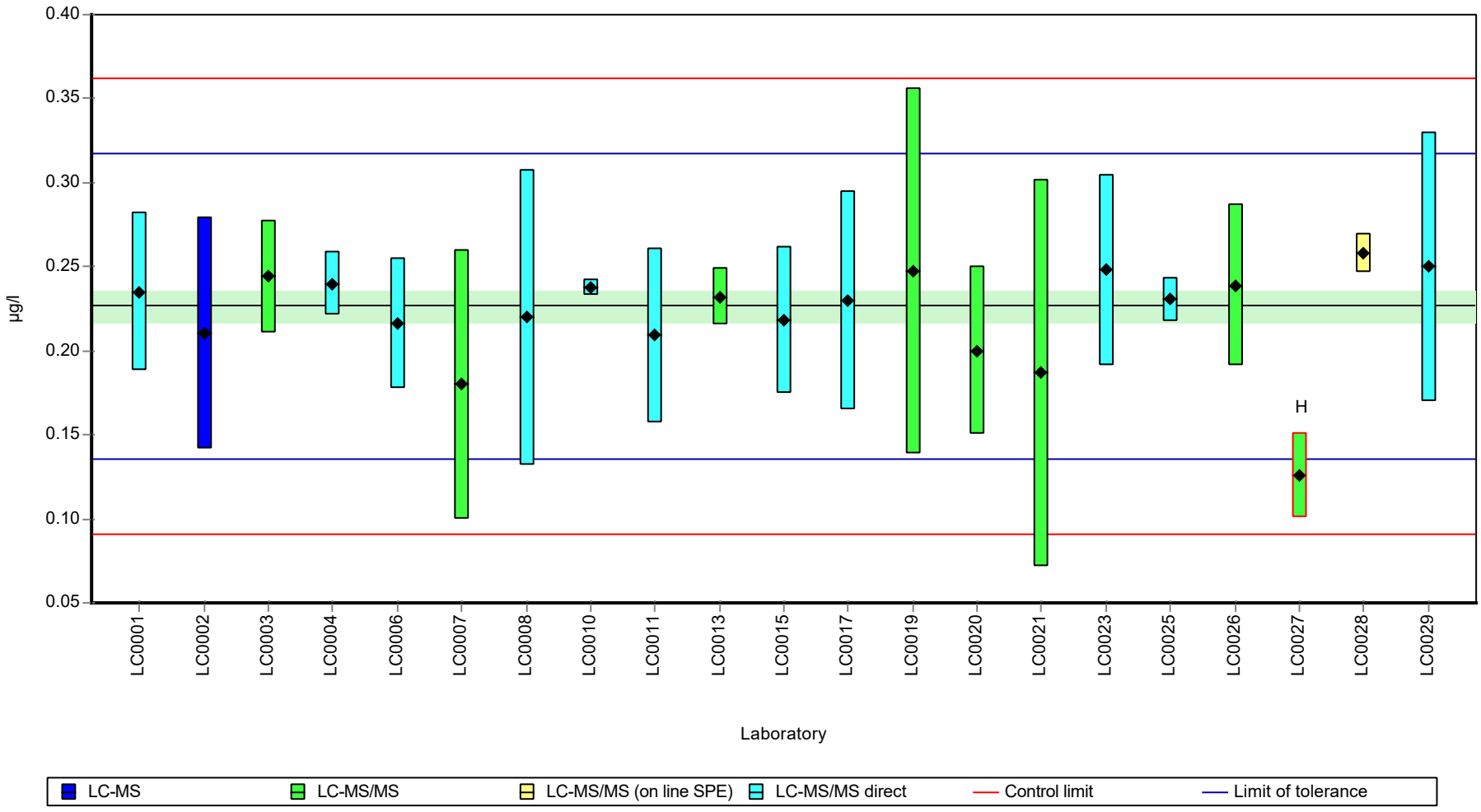
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.222 ± 0.0197	0.227 ± 0.0142	µg/l
Minimum	0.126	0.18	µg/l
Maximum	0.258	0.258	µg/l
Standard deviation	0.0302	0.0212	µg/l
rel. standard deviation	13.6	9.37	%
n	21	20	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Graphical presentation of results

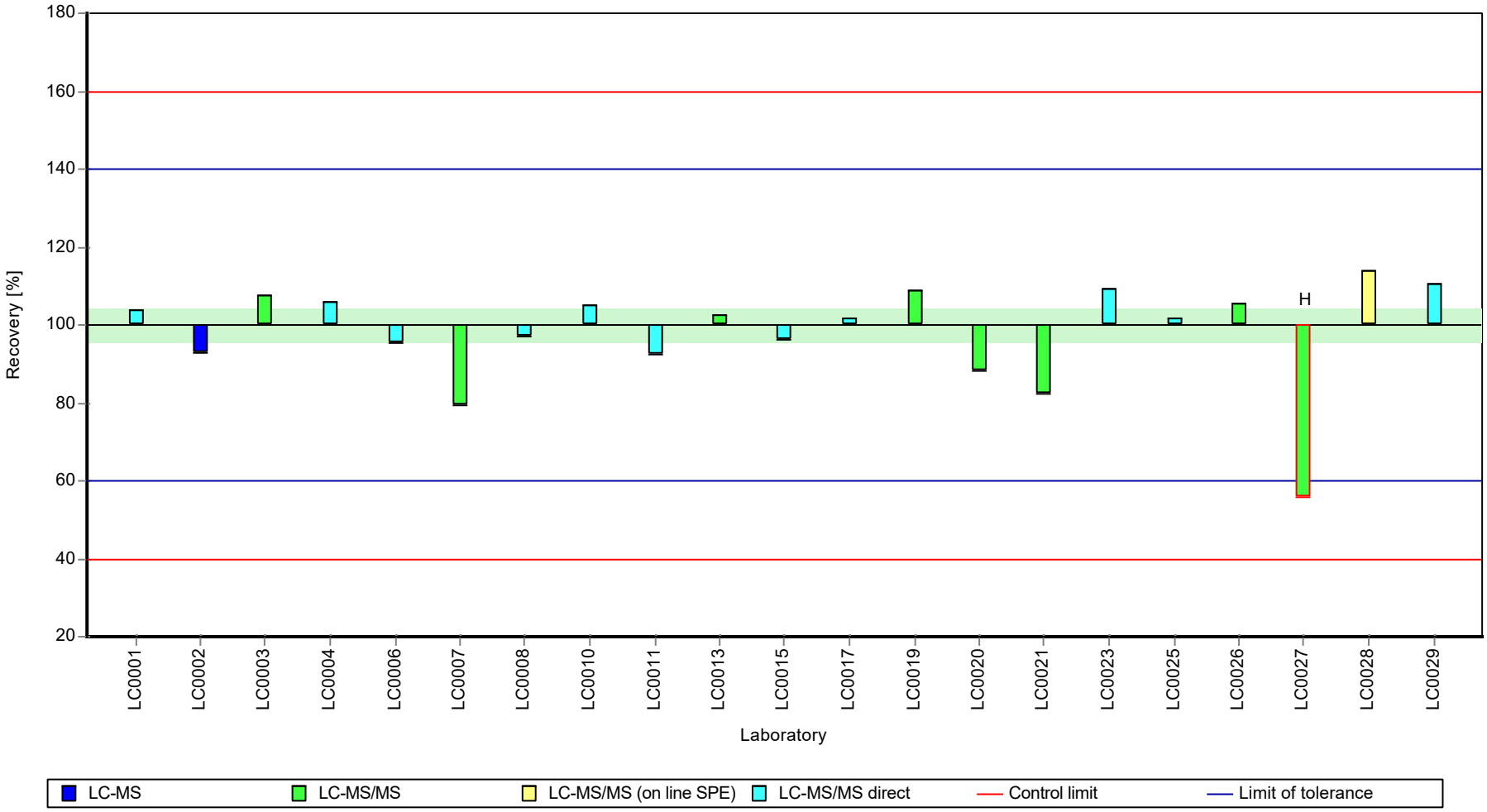
Results



Parameter oriented report Pesticides H116

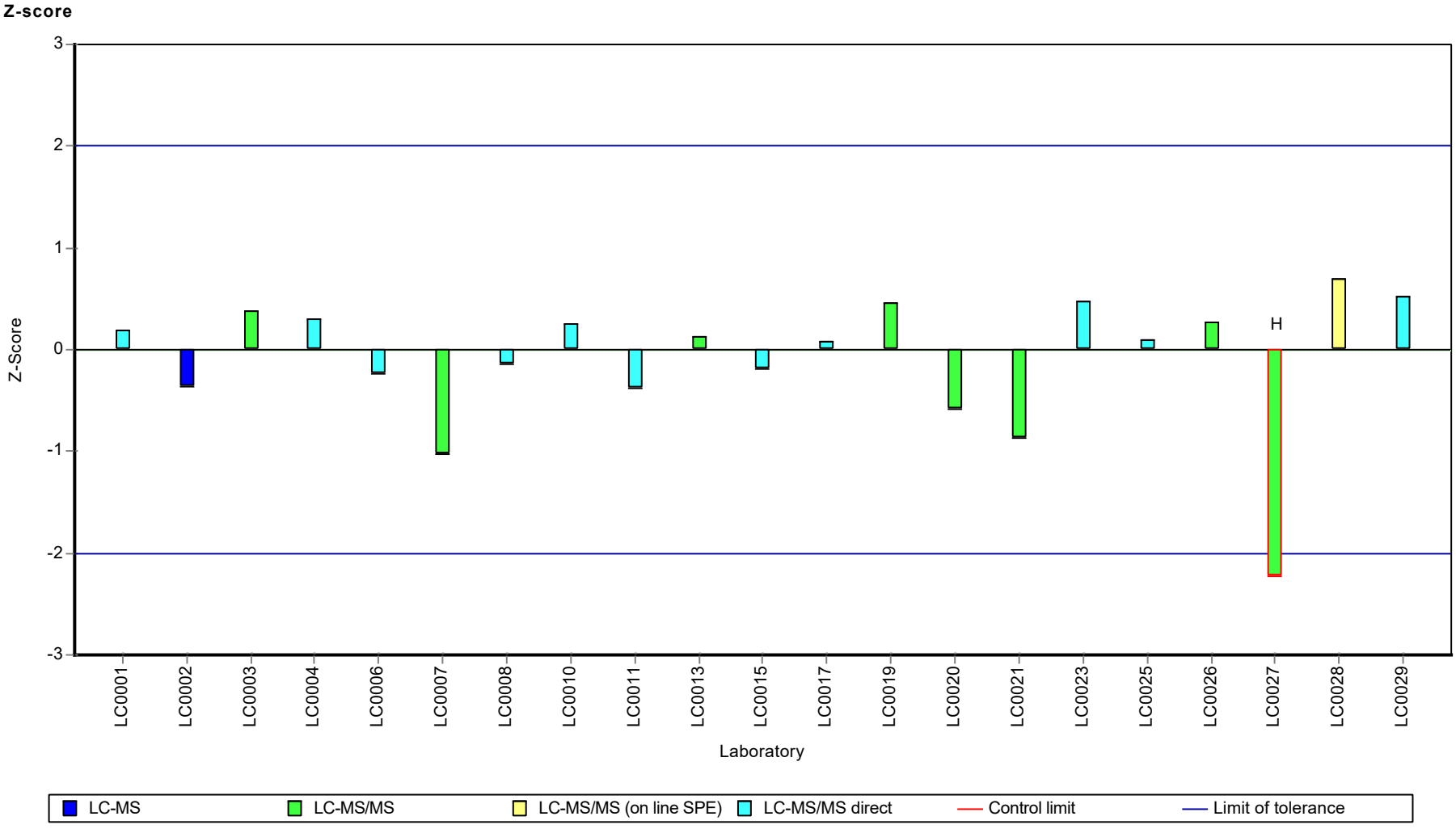
Sample: H116A, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)



Parameter oriented report

H116 B

s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Unit	µg/l
Assigned value ± U (k=2)	0.547 ± 0.0288
Criterion	0.109 (20 %)
Minimum - Maximum	0.424 - 0.69
Control test value ± U (k=2)	0.636 ± 0.127

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.589	0.118	108	0.38	
LC0002	0.424	0.14	77.5	-1.12	
LC0003	0.552	0.076	101	0.05	
LC0004	0.56	0.044	102	0.12	
LC0005	-	-	-	-	
LC0006	0.56024	0.10084	102	0.12	
LC0007	0.69	0.3	126	1.31	
LC0008	0.507	0.203	92.7	-0.36	
LC0009	-	-	-	-	
LC0010	0.609	0.011	111	0.57	
LC0011	0.5185	0.1296	94.8	-0.26	
LC0012	-	-	-	-	
LC0013	0.447	0.034	81.7	-0.91	
LC0014	-	-	-	-	
LC0015	0.497	0.099	90.9	-0.46	
LC0016	-	-	-	-	
LC0017	0.813	0.228	149	2.43	H
LC0018	-	-	-	-	
LC0019	0.541	0.238	98.9	-0.05	
LC0020	0.485	0.12	88.7	-0.57	
LC0021	0.5227	0.3222	95.6	-0.22	
LC0022	-	-	-	-	
LC0023	0.591	0.136	108	0.4	
LC0024	-	-	-	-	
LC0025	0.51581	0.02992	94.3	-0.28	
LC0026	0.577	0.115	106	0.28	
LC0027	0.237	0.047	43.3	-2.83	H
LC0028	0.61	0.032	112	0.58	
LC0029	0.595	0.18	109	0.44	
LC0030	-	-	-	-	

Characteristics of parameter

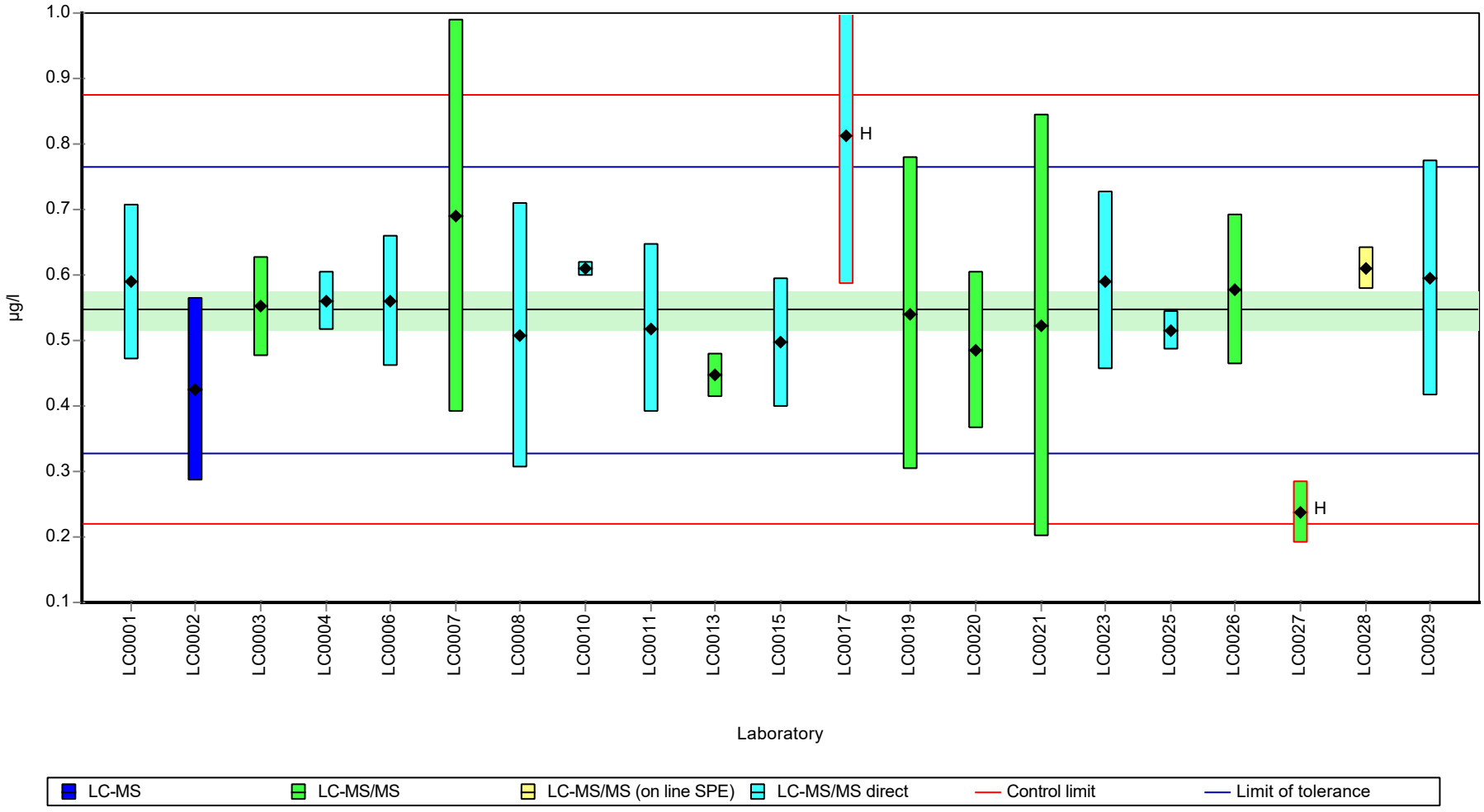
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.545 ± 0.0714	0.547 ± 0.0432	µg/l
Minimum	0.237	0.424	µg/l
Maximum	0.813	0.69	µg/l
Standard deviation	0.109	0.0628	µg/l
rel. standard deviation	20	11.5	%
n	21	19	-

Parameter oriented report Pesticides H116

Sample: H116B, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Graphical presentation of results

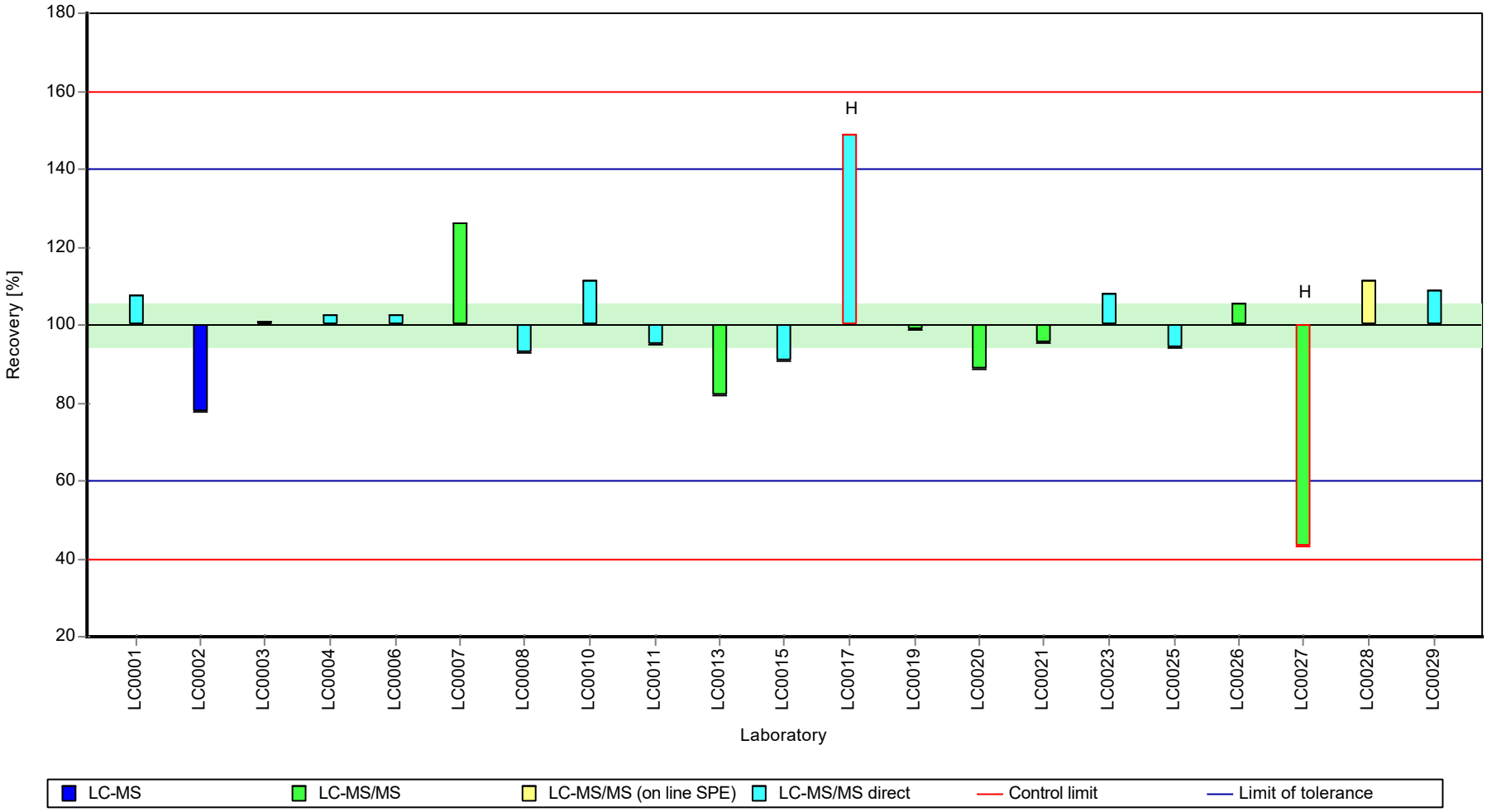
Results



Parameter oriented report Pesticides H116

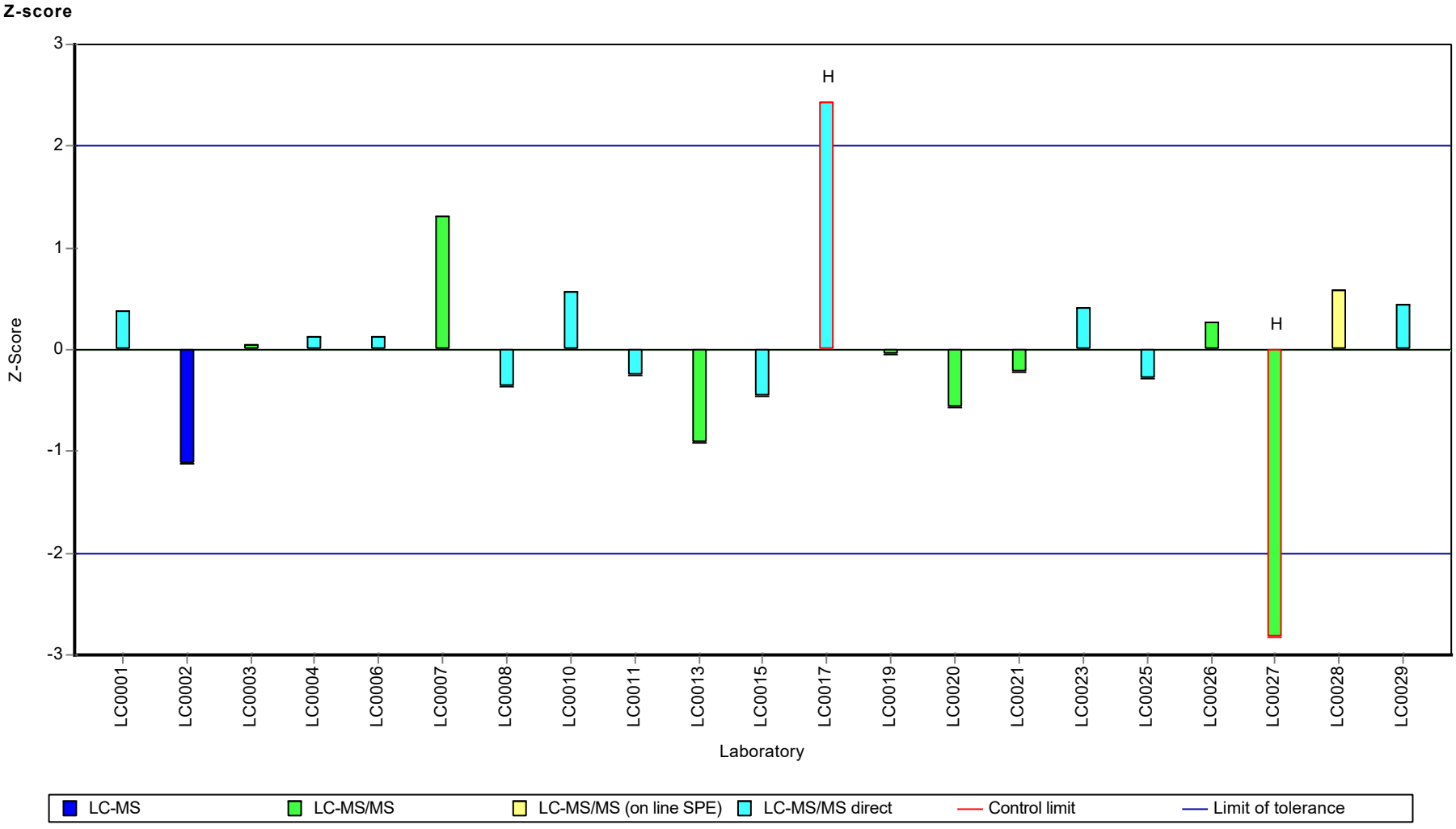
Sample: H116B, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)



Parameter oriented report

H116 A

s-Metolachlor oxanilic acid (Metolachlor-OA)

Unit	µg/l
Assigned value ± U (k=2)	0.136 ± 0.00552
Criterion	0.0191 (14 %)
Minimum - Maximum	0.11 - 0.162
Control test value ± U (k=2)	0.128 ± 0.0192

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.13	0.039	95.5	-0.32	
LC0002	0.148	0.049	109	0.62	
LC0003	0.137	0.022	101	0.05	
LC0004	0.14	0.01	103	0.2	
LC0005	-	-	-	-	
LC0006	0.11954	0.02152	87.8	-0.87	
LC0007	-	-	-	-	
LC0008	0.136	0.0544	99.9	-0.01	
LC0009	-	-	-	-	
LC0010	0.134	0.003	98.5	-0.11	
LC0011	0.1399	0.035	103	0.2	
LC0012	-	-	-	-	
LC0013	0.149	0.011	109	0.68	
LC0014	-	-	-	-	
LC0015	0.146	0.038	107	0.52	
LC0016	-	-	-	-	
LC0017	0.129	0.032	94.8	-0.37	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.11	0.028	80.8	-1.37	
LC0021	0.1246	0.0596	91.5	-0.6	
LC0022	-	-	-	-	
LC0023	0.131	0.028	96.3	-0.27	
LC0024	-	-	-	-	
LC0025	0.13782	0.00813	101	0.09	
LC0026	0.162	0.032	119	1.36	
LC0027	0.1	0.02	73.5	-1.89	H
LC0028	0.136	0.011	99.9	-0.01	
LC0029	0.14	0.04	103	0.2	
LC0030	-	-	-	-	

Characteristics of parameter

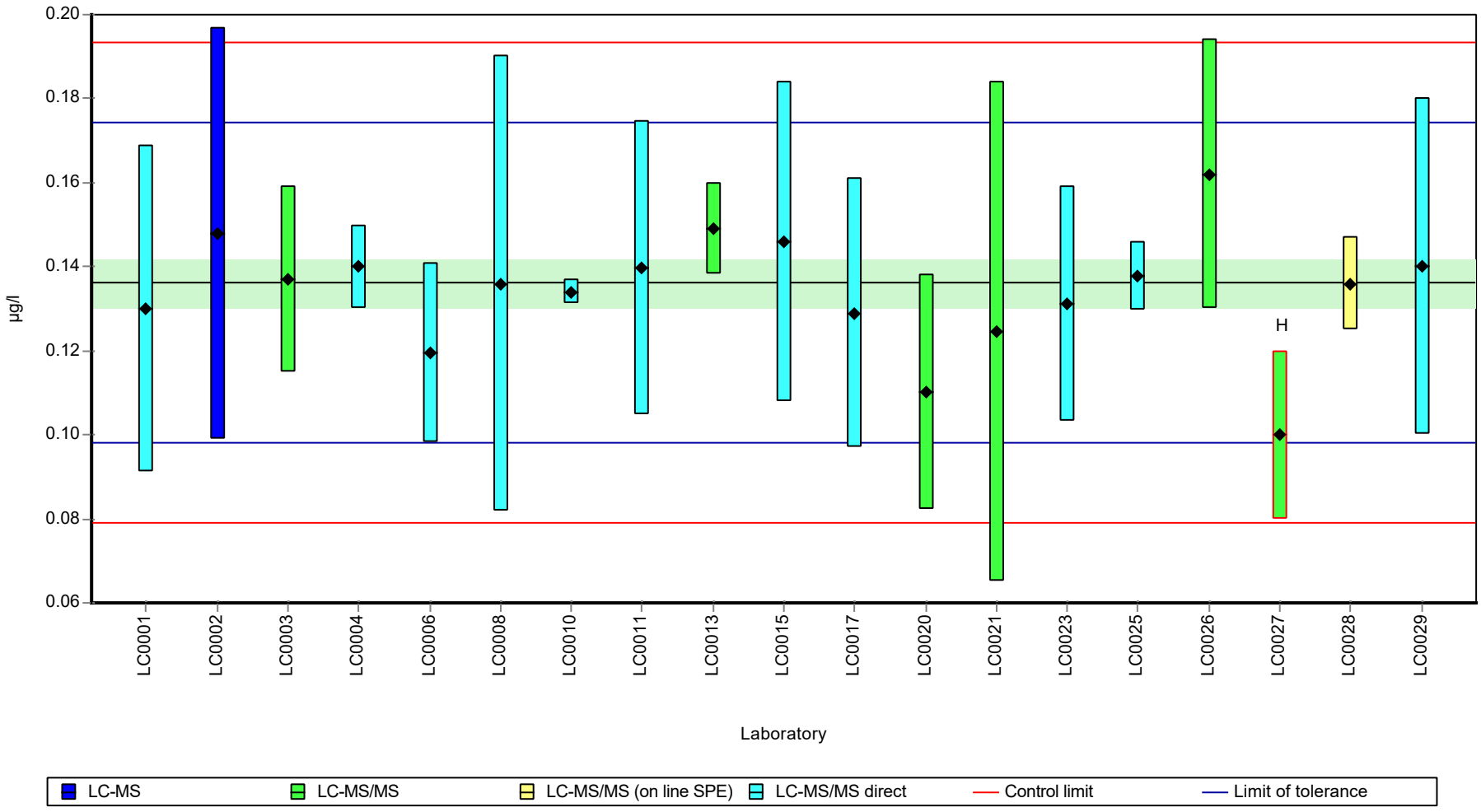
	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.134 ± 0.00969	0.136 ± 0.00828	µg/l
Minimum	0.1	0.11	µg/l
Maximum	0.162	0.162	µg/l
Standard deviation	0.0141	0.0117	µg/l
rel. standard deviation	10.5	8.6	%
n	19	18	-

Parameter oriented report Pesticides H116

Sample: H116A, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)

Graphical presentation of results

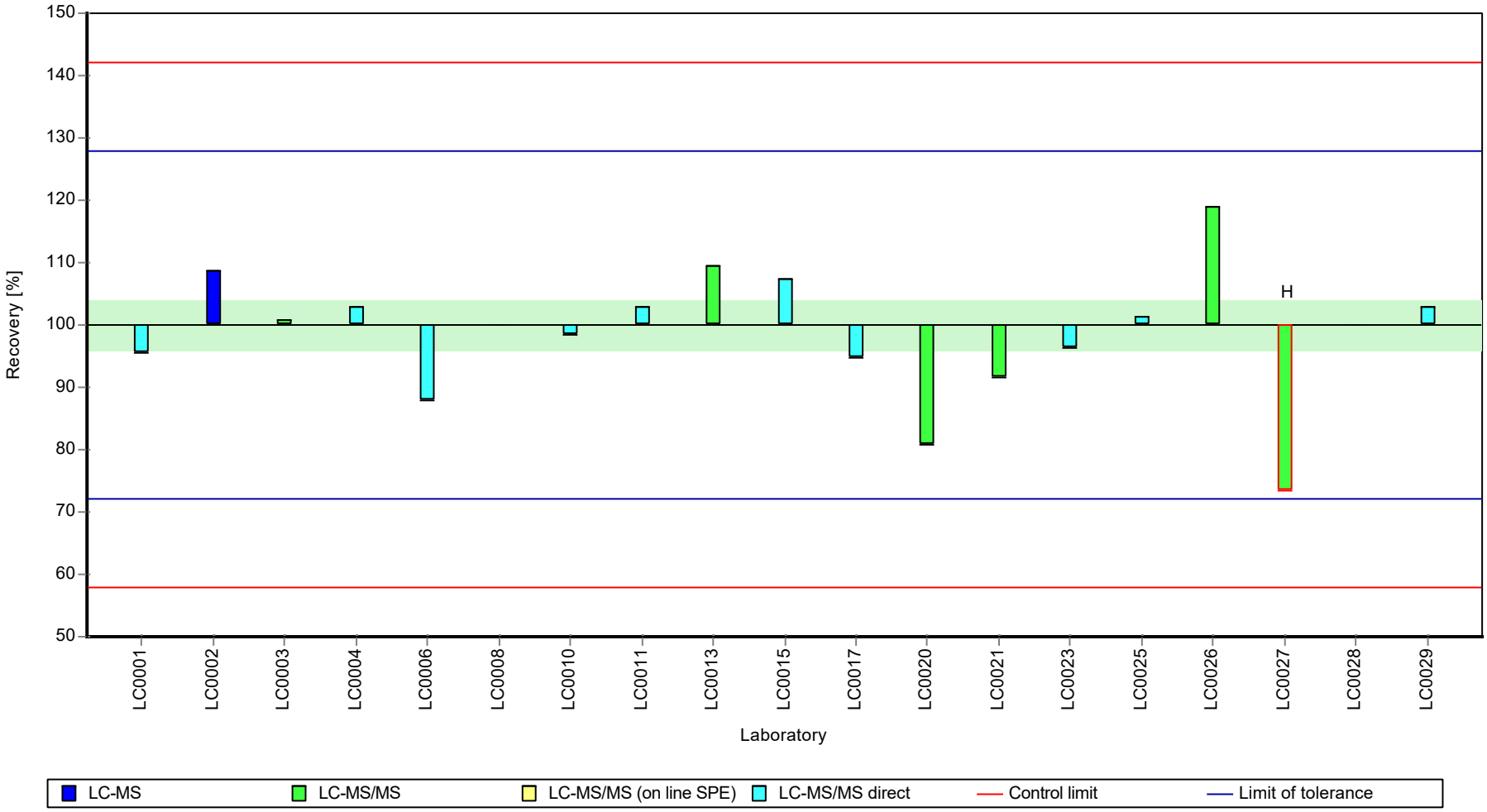
Results



Parameter oriented report Pesticides H116

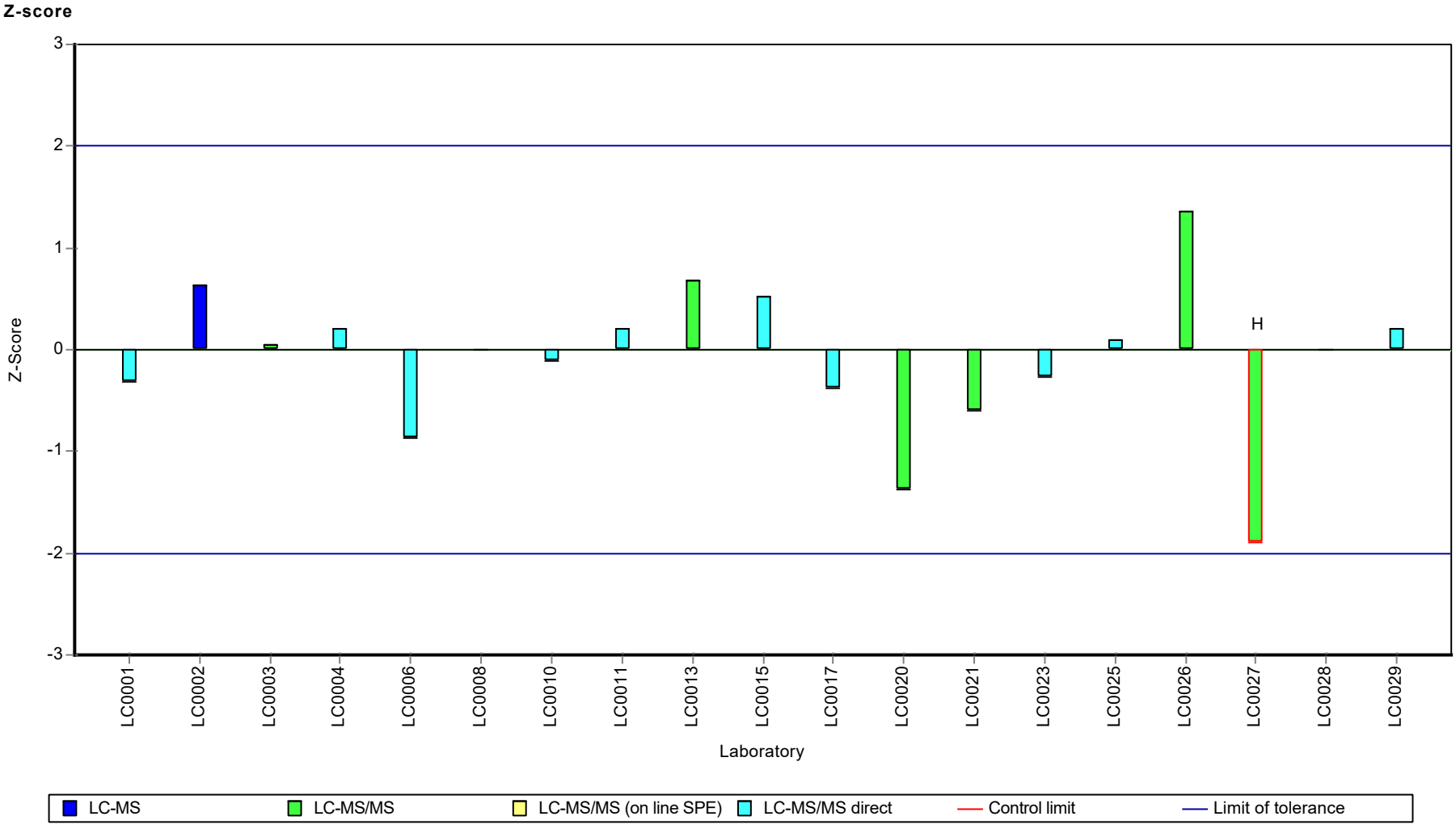
Sample: H116A, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116A, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)



Parameter oriented report

H116 B

s-Metolachlor oxanilic acid (Metolachlor-OA)

Unit	µg/l
Assigned value ± U (k=2)	0.596 ± 0.018
Criterion	0.0835 (14 %)
Minimum - Maximum	0.512 - 0.668
Control test value ± U (k=2)	0.646 ± 0.0968

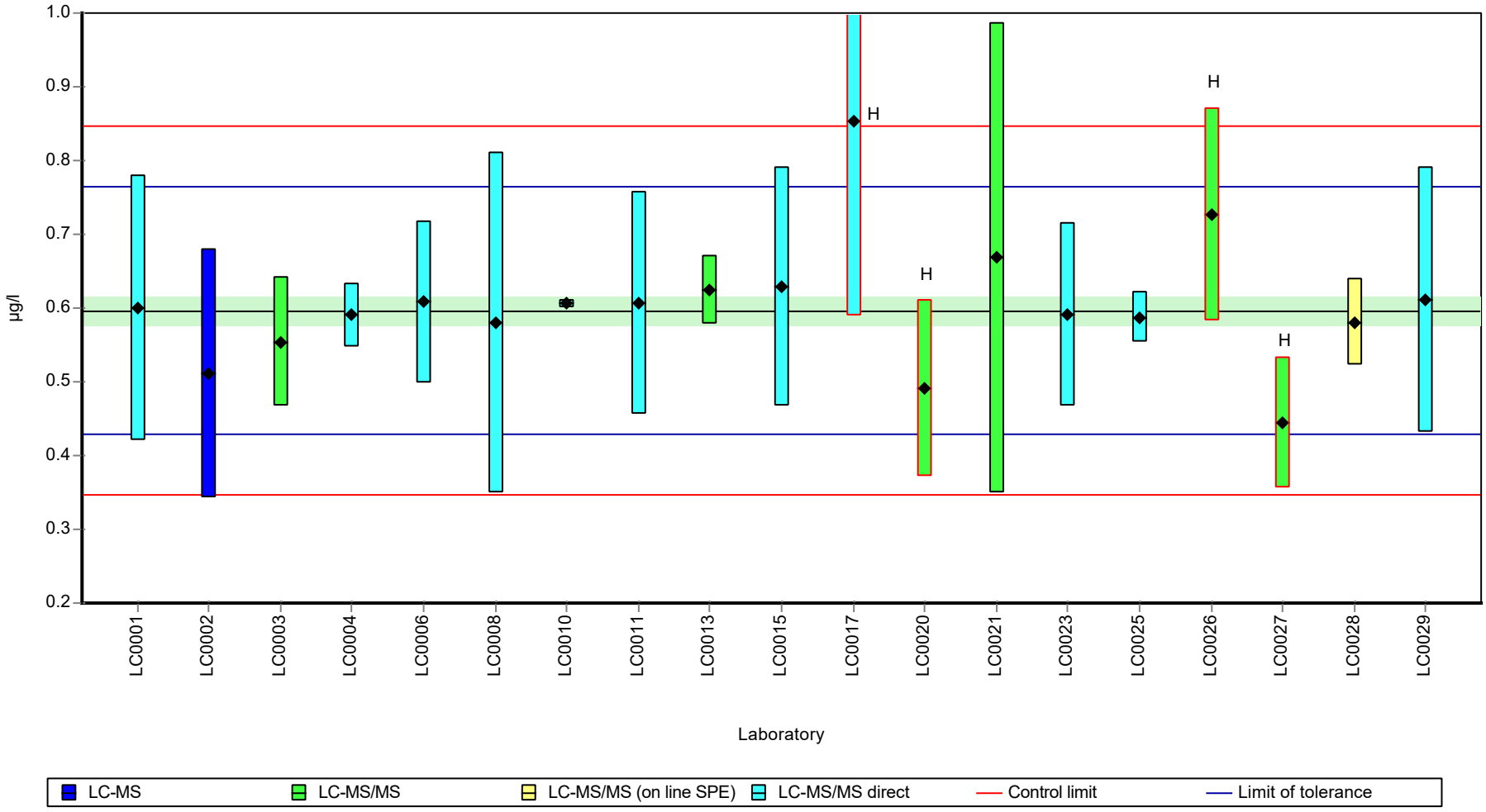
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.6	0.18	101	0.04	
LC0002	0.512	0.169	85.8	-1.01	
LC0003	0.554	0.088	92.9	-0.51	
LC0004	0.59	0.044	98.9	-0.08	
LC0005	-	-	-	-	
LC0006	0.6078	0.1094	102	0.14	
LC0007	-	-	-	-	
LC0008	0.58	0.232	97.2	-0.2	
LC0009	-	-	-	-	
LC0010	0.606	0.006	102	0.11	
LC0011	0.6068	0.1517	102	0.12	
LC0012	-	-	-	-	
LC0013	0.625	0.047	105	0.34	
LC0014	-	-	-	-	
LC0015	0.628	0.162	105	0.38	
LC0016	-	-	-	-	
LC0017	0.854	0.266	143	3.08	H
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.49	0.12	82.2	-1.27	H
LC0021	0.6678	0.3193	112	0.85	
LC0022	-	-	-	-	
LC0023	0.591	0.124	99.1	-0.07	
LC0024	-	-	-	-	
LC0025	0.58721	0.03465	98.5	-0.11	
LC0026	0.727	0.145	122	1.56	H
LC0027	0.445	0.089	74.6	-1.81	H
LC0028	0.581	0.058	97.4	-0.18	
LC0029	0.61	0.18	102	0.16	
LC0030	-	-	-	-	

Characteristics of parameter

	all results	w ithout outliers	Unit
Mean ± CI (99%)	0.603 ± 0.0593	0.596 ± 0.027	µg/l
Minimum	0.445	0.512	µg/l
Maximum	0.854	0.668	µg/l
Standard deviation	0.0862	0.0349	µg/l
rel. standard deviation	14.3	5.85	%
n	19	15	-

Graphical presentation of results

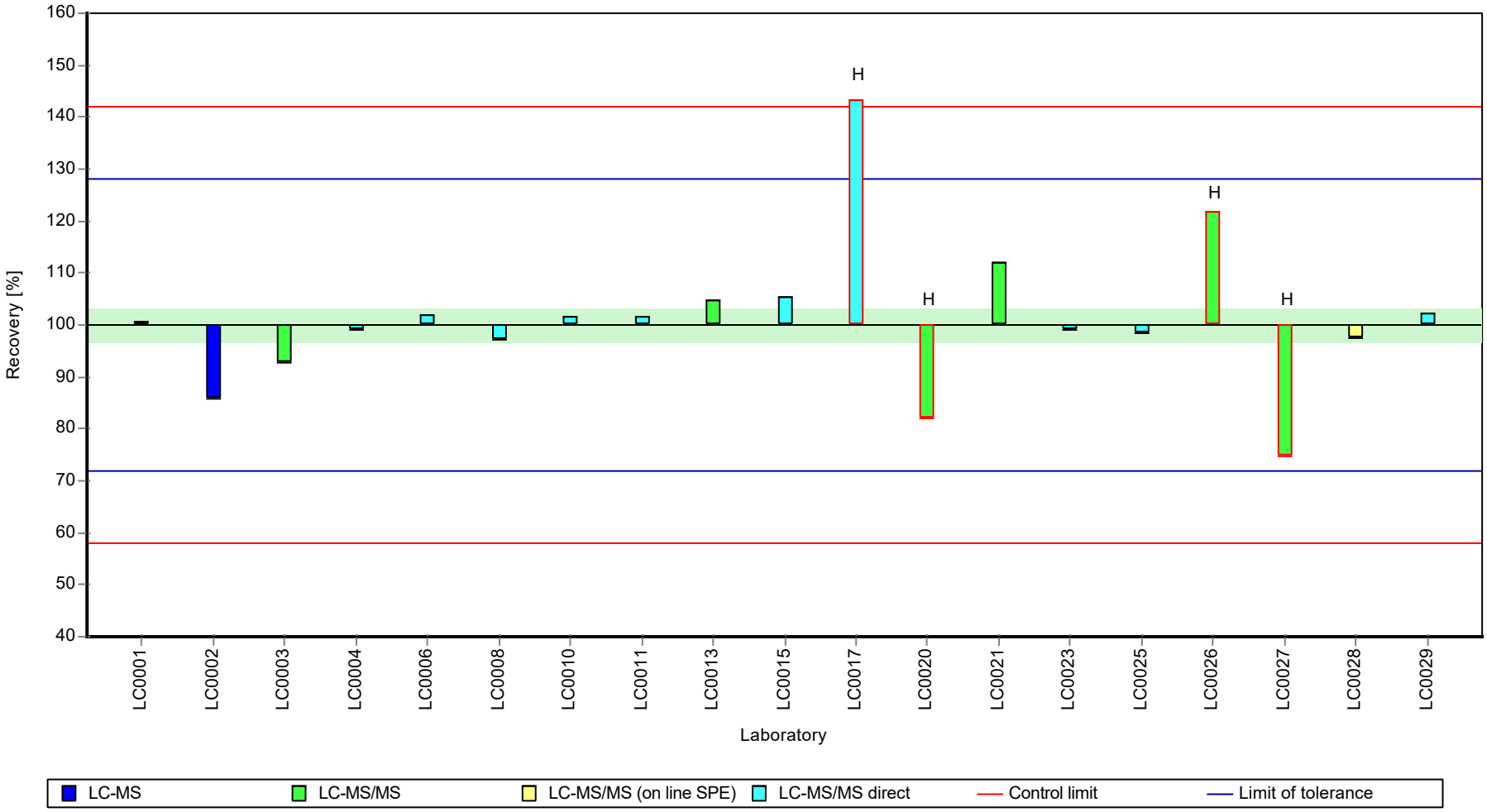
Results



Parameter oriented report Pesticides H116

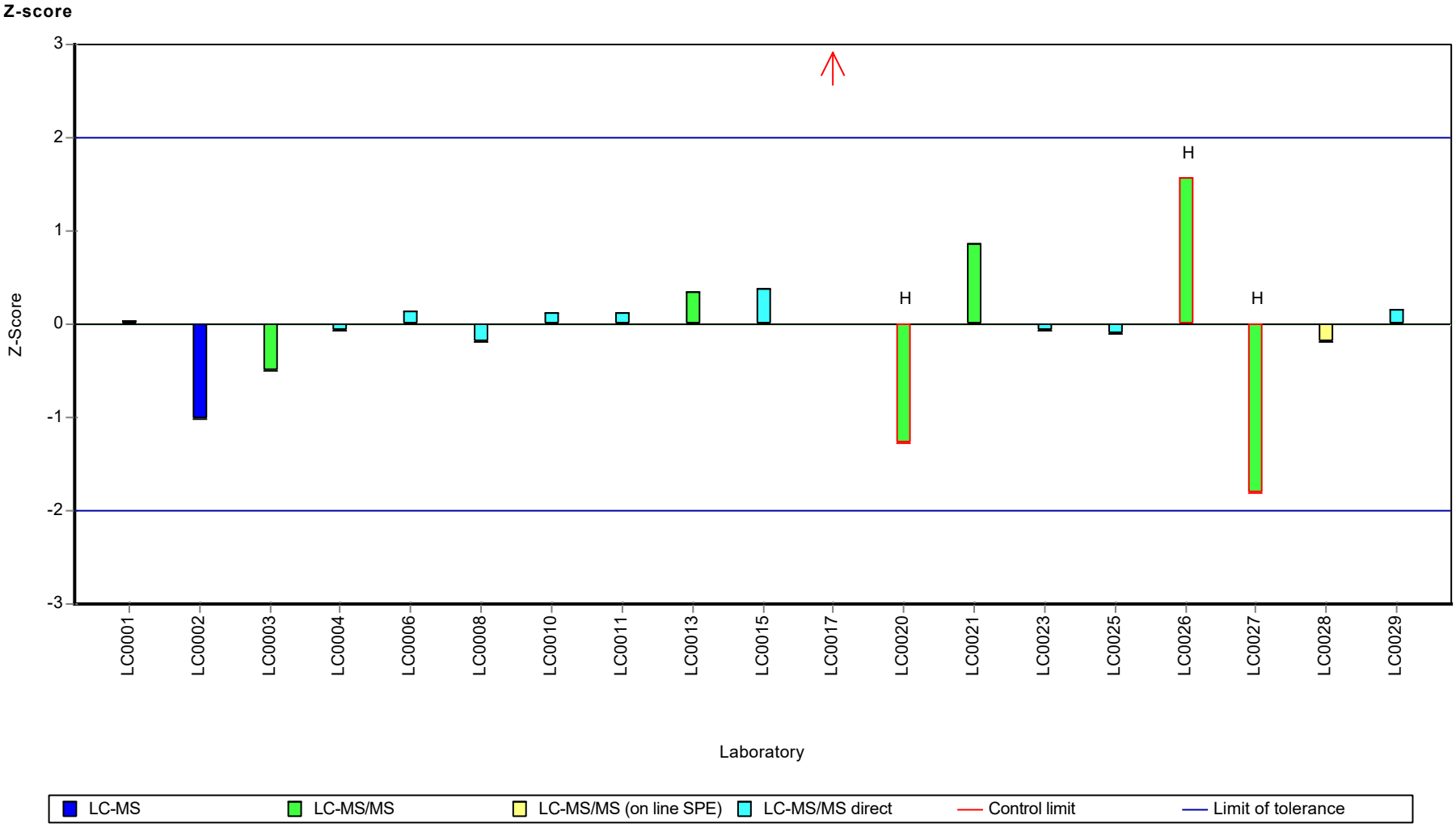
Sample: H116B, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)

Recovery rate



Parameter oriented report Pesticides H116

Sample: H116B, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)



E8. Laborientierte Auswertung / Laboratory oriented report

Die Laborientierte Auswertung ist nach dem Laborcode sortiert.

The laboratory oriented report is sorted by laboratory code.

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.278 ± 0.069	0.0324	120	1.44
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.257 ± 0.051	0.0361	107	0.46
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.556 ± 0.139	0.0648	85.8	-1.42
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.226 ± 0.079	0.0316	92.9	-0.54
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.472 ± 0.118	0.0493	115	1.24
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.153 ± 0.031	0.0185	99.2	-0.07
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.572 ± 0.114	0.0565	111	1.02
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.238 ± 0.048	0.0277	112	0.88
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.024	0.0146	98.4	-0.13
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.164 ± 0.033	0.0341	91.5	-0.45
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.322 ± 0.064	0.0569	119	0.89

Summary of results Pesticides H116

Labcode: LC0001

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.253 ± 0.051	0.0339	112	0.79
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.235 ± 0.047	0.0453	104	0.19
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.13 ± 0.039	0.0191	95.5	-0.32

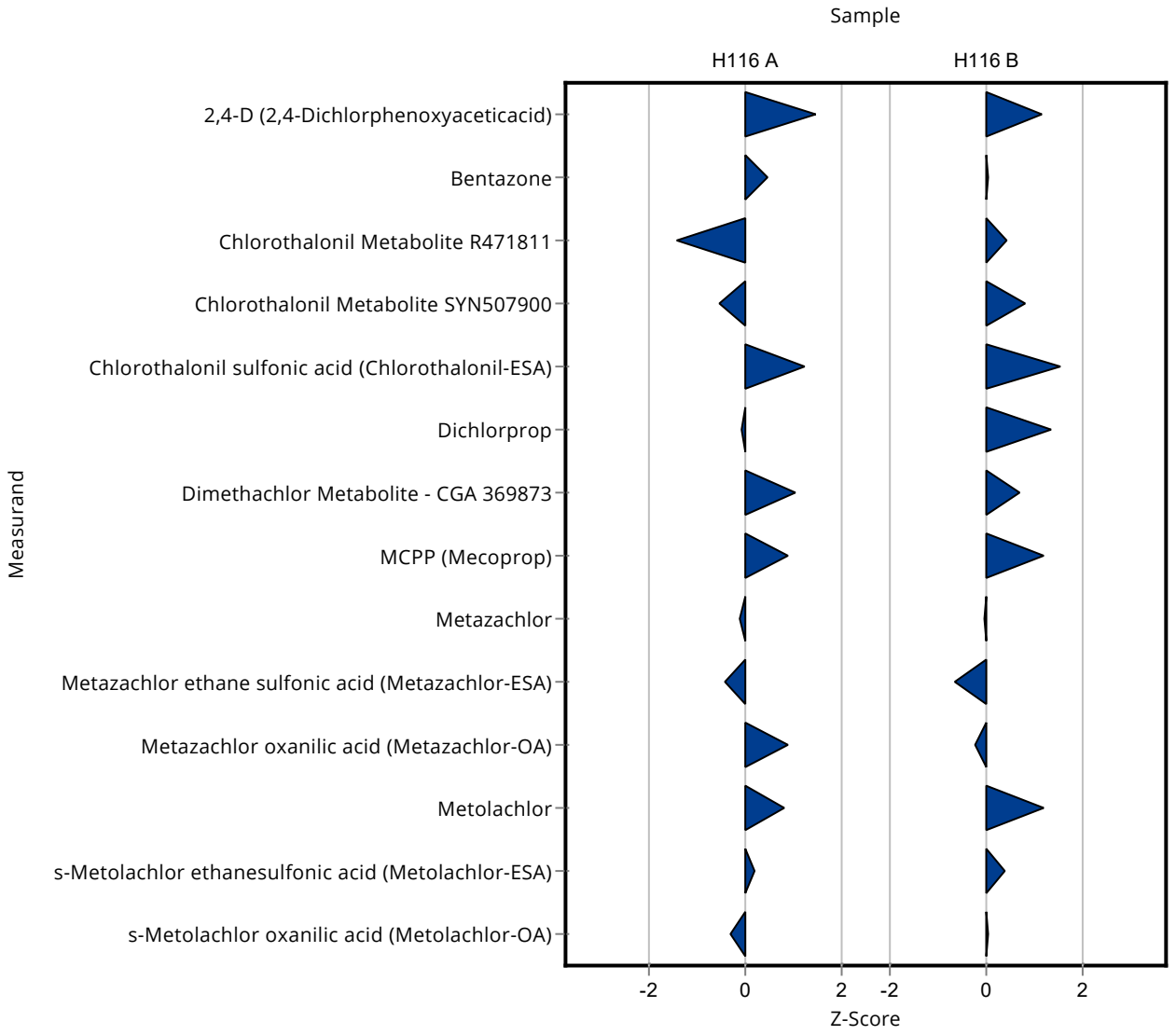
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.884 ± 0.221	0.107	116	1.15
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.554 ± 0.111	0.0826	101	0.04
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.538 ± 0.135	0.0757	107	0.44
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.748 ± 0.262	0.0755	109	0.81
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.705 ± 0.176	0.0611	115	1.54
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.584 ± 0.117	0.0602	116	1.36
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.564 ± 0.113	0.0811	111	0.70
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0001

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.678 ± 0.136	0.0761	116	1.21
Metazachlor	µg/l	0.588 ± 0.0262	0.585 ± 0.117	0.0705	99.6	-0.04
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.38 ± 0.076	0.082	88	-0.63
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.677 ± 0.135	0.149	95.4	-0.22
Metolachlor	µg/l	0.772 ± 0.0234	0.911 ± 0.182	0.116	118	1.20
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.589 ± 0.118	0.109	108	0.38
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.6 ± 0.18	0.0835	101	0.04



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.278 ± 0.069	0.0324	120	0.34
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.257 ± 0.051	0.0361	107	0.16
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.556 ± 0.139	0.0648	85.8	-0.33
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.226 ± 0.079	0.0316	92.9	-0.11
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.472 ± 0.118	0.0493	115	0.26
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.153 ± 0.031	0.0185	99.2	-0.02
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.572 ± 0.114	0.0565	111	0.25
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0001

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.238 ± 0.048	0.0277	112	0.25
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.024	0.0146	98.4	-0.04
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.164 ± 0.033	0.0341	91.5	-0.23
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.322 ± 0.064	0.0569	119	0.39
Metolachlor	µg/l	0.226 ± 0.00884	0.253 ± 0.051	0.0339	112	0.26
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.235 ± 0.047	0.0453	104	0.09
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.13 ± 0.039	0.0191	95.5	-0.08

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.884 ± 0.221	0.107	116	0.28
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.554 ± 0.111	0.0826	101	0.01
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.538 ± 0.135	0.0757	107	0.12
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.748 ± 0.262	0.0755	109	0.12

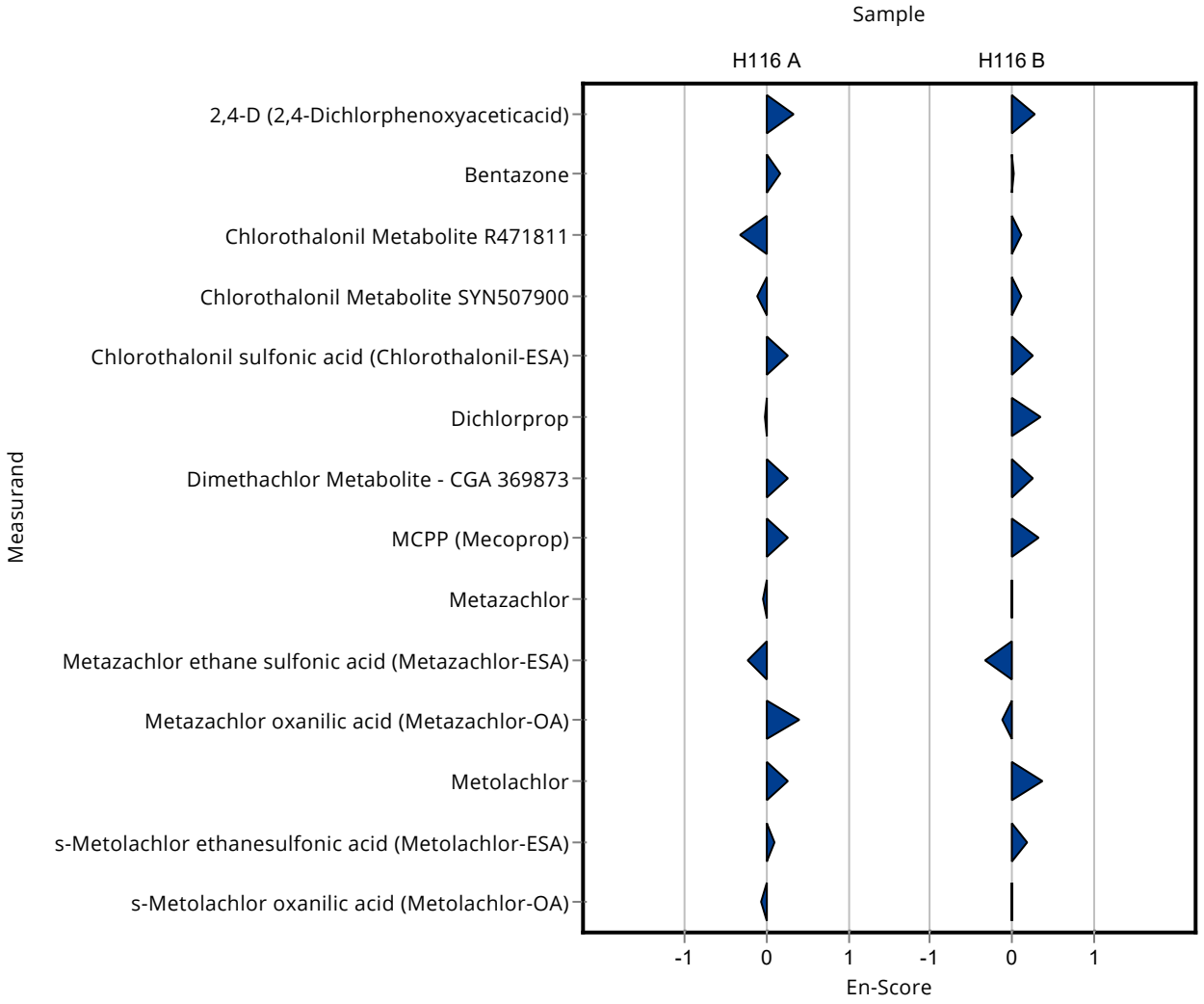
Summary of results Pesticides H116 - En-Score

Labcode: LC0001

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.705 ± 0.176	0.0611	115	0.27
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.584 ± 0.117	0.0602	116	0.35
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.564 ± 0.113	0.0811	111	0.25
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.678 ± 0.136	0.0761	116	0.34
Metazachlor	µg/l	0.588 ± 0.0262	0.585 ± 0.117	0.0705	99.6	-0.01
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.38 ± 0.076	0.082	88	-0.33
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.677 ± 0.135	0.149	95.4	-0.12
Metolachlor	µg/l	0.772 ± 0.0234	0.911 ± 0.182	0.116	118	0.38
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.589 ± 0.118	0.109	108	0.18
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.6 ± 0.18	0.0835	101	0.01

Summary of results Pesticides H116 - En-Score

Labcode: LC0001



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.239 ± 0.079	0.0458	93.9	-0.34
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.223 ± 0.073	0.0324	96.4	-0.25
Alachlor	µg/l	0.17 ± 0.0095	0.134 ± 0.044	0.0203	79	-1.75
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.064 ± 0.021	0.0306	31.4	-4.57
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.066 ± 0.022	0.0296	29	-5.46
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.219 ± 0.072	0.0361	91.1	-0.59
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.227 ± 0.075	0.0493	55.3	-3.73
Dicamba	µg/l	0.286 ± 0.0238	0.219 ± 0.072	0.0573	76.5	-1.18
Dichlorprop	µg/l	0.154 ± 0.0034	0.141 ± 0.047	0.0185	91.4	-0.71
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.414 ± 0.137	0.0565	80.5	-1.77
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.226 ± 0.075	0.0277	106	0.45
Metazachlor	µg/l	0.122 ± 0.00493	0.099 ± 0.033	0.0146	81.2	-1.57
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.146 ± 0.048	0.0341	81.4	-0.98
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.251 ± 0.083	0.0569	92.6	-0.35

Summary of results Pesticides H116

Labcode: LC0002

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.177 ± 0.058	0.0339	78.3	-1.45
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.21 ± 0.069	0.0453	92.7	-0.37
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.148 ± 0.049	0.0191	109	0.62

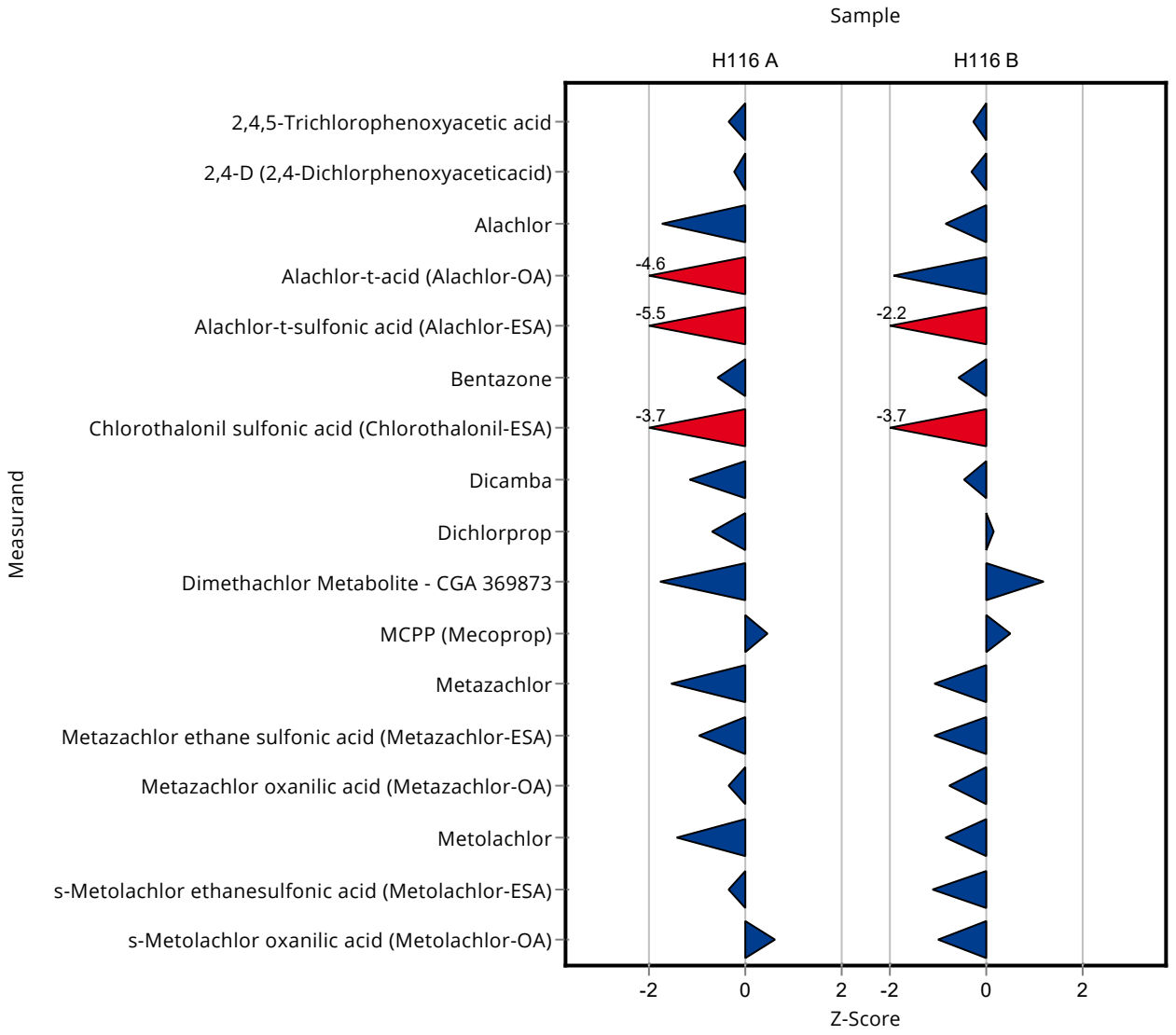
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.605 ± 0.2	0.114	95.3	-0.26
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.729 ± 0.241	0.107	95.8	-0.30
Alachlor	µg/l	0.405 ± 0.0158	0.364 ± 0.12	0.0487	89.8	-0.85
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.253 ± 0.083	0.152	46.5	-1.91
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.236 ± 0.078	0.153	41.8	-2.16
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.503 ± 0.166	0.0826	91.3	-0.58
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.386 ± 0.127	0.0611	63.2	-3.68
Dicamba	µg/l	0.626 ± 0.0445	0.569 ± 0.188	0.125	90.9	-0.46
Dichlorprop	µg/l	0.502 ± 0.0113	0.512 ± 0.169	0.0602	102	0.17
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.606 ± 0.2	0.0811	119	1.22
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0002

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.624 ± 0.206	0.0761	107	0.50
Metazachlor	µg/l	0.588 ± 0.0262	0.513 ± 0.169	0.0705	87.3	-1.06
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.343 ± 0.113	0.082	79.4	-1.08
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.593 ± 0.196	0.149	83.6	-0.78
Metolachlor	µg/l	0.772 ± 0.0234	0.676 ± 0.223	0.116	87.6	-0.83
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.424 ± 0.14	0.109	77.5	-1.12
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.512 ± 0.169	0.0835	85.8	-1.01



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.239 ± 0.079	0.0458	93.9	-0.10
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.223 ± 0.073	0.0324	96.4	-0.06
Alachlor	µg/l	0.17 ± 0.0095	0.134 ± 0.044	0.0203	79	-0.40
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.064 ± 0.021	0.0306	31.4	-3.21
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.066 ± 0.022	0.0296	29	-3.23
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.219 ± 0.072	0.0361	91.1	-0.15
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.227 ± 0.075	0.0493	55.3	-1.20
Dicamba	µg/l	0.286 ± 0.0238	0.219 ± 0.072	0.0573	76.5	-0.46
Dichlorprop	µg/l	0.154 ± 0.0034	0.141 ± 0.047	0.0185	91.4	-0.14
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.414 ± 0.137	0.0565	80.5	-0.36
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0002

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.226 ± 0.075	0.0277	106	0.08
Metazachlor	µg/l	0.122 ± 0.00493	0.099 ± 0.033	0.0146	81.2	-0.35
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.146 ± 0.048	0.0341	81.4	-0.35
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.251 ± 0.083	0.0569	92.6	-0.12
Metolachlor	µg/l	0.226 ± 0.00884	0.177 ± 0.058	0.0339	78.3	-0.42
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.21 ± 0.069	0.0453	92.7	-0.12
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.148 ± 0.049	0.0191	109	0.12

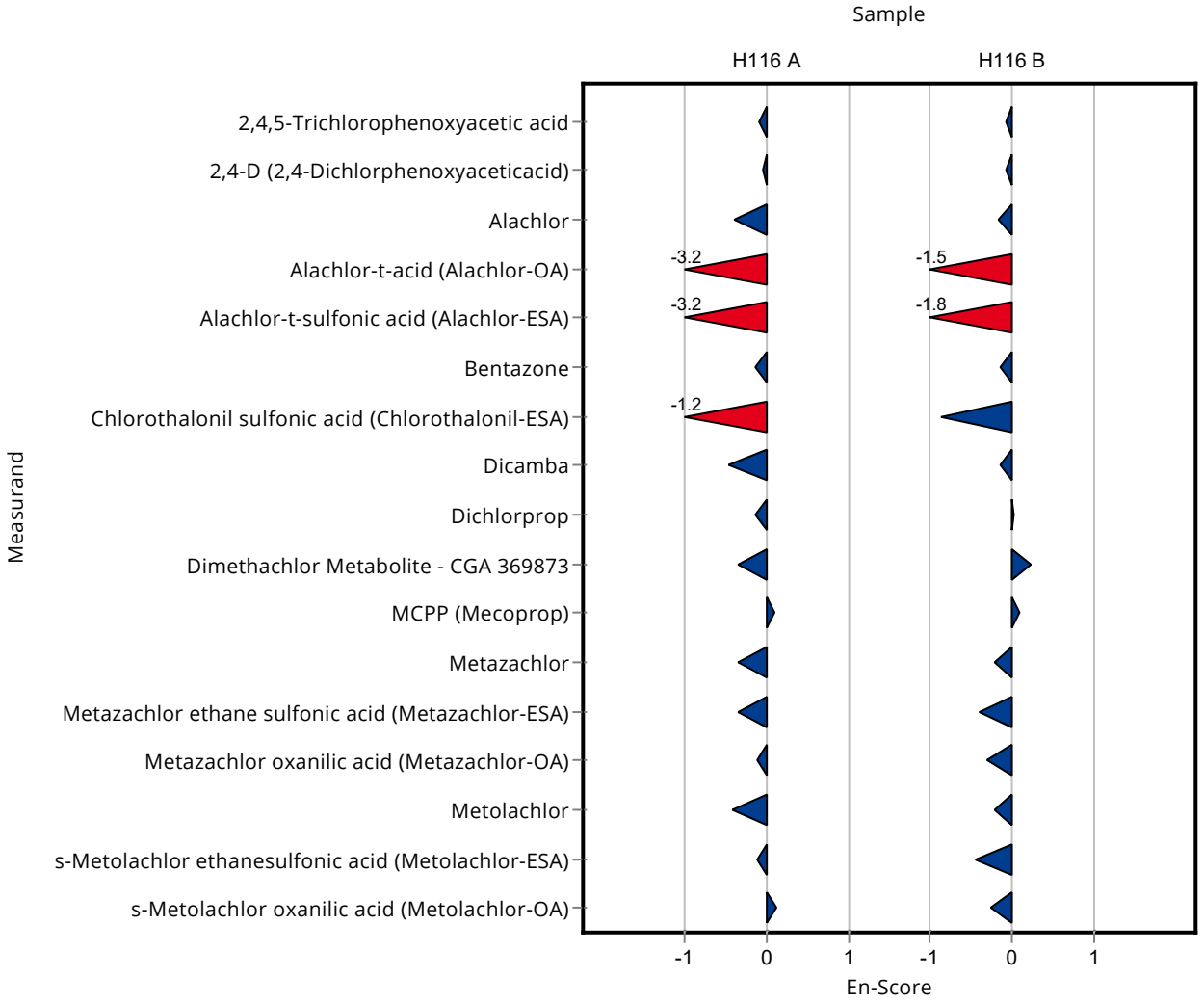
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.605 ± 0.2	0.114	95.3	-0.07
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.729 ± 0.241	0.107	95.8	-0.07
Alachlor	µg/l	0.405 ± 0.0158	0.364 ± 0.12	0.0487	89.8	-0.17
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.253 ± 0.083	0.152	46.5	-1.48
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.236 ± 0.078	0.153	41.8	-1.79
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.503 ± 0.166	0.0826	91.3	-0.14
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0002

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.386 ± 0.127	0.0611	63.2	-0.88
Dicamba	µg/l	0.626 ± 0.0445	0.569 ± 0.188	0.125	90.9	-0.15
Dichlorprop	µg/l	0.502 ± 0.0113	0.512 ± 0.169	0.0602	102	0.03
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.606 ± 0.2	0.0811	119	0.25
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.624 ± 0.206	0.0761	107	0.09
Metazachlor	µg/l	0.588 ± 0.0262	0.513 ± 0.169	0.0705	87.3	-0.22
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.343 ± 0.113	0.082	79.4	-0.39
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.593 ± 0.196	0.149	83.6	-0.29
Metolachlor	µg/l	0.772 ± 0.0234	0.676 ± 0.223	0.116	87.6	-0.21
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.424 ± 0.14	0.109	77.5	-0.44
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.512 ± 0.169	0.0835	85.8	-0.25


Sample
H116 A
H116 B
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
Alachlor-t-acid (Alachlor-OA)
Alachlor-t-sulfonic acid (Alachlor-ESA)
Bentazone
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dicamba
Dichlorprop
Dimethachlor Metabolite - CGA 369873
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
-3.2
-3.2
-1.2
-1.5
-1.8
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.26 ± 0.061	0.0458	102	0.12
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.239 ± 0.039	0.0324	103	0.24
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.127 ± 0.03	0.0171	96.6	-0.26
Bentazone	µg/l	0.24 ± 0.00899	0.24 ± 0.042	0.0361	99.8	-0.01
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.157 ± 0.024	0.0185	102	0.15
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.47 ± 0.052	0.0565	91.4	-0.78
Glufosinate	µg/l	0.128 ± 0.0187	<0.05 (LOQ) ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.184 ± 0.028	0.0382	96.4	-0.18
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.235 ± 0.05	0.0277	110	0.78
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.204 ± 0.025	0.0341	114	0.73
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.266 ± 0.026	0.0569	98.1	-0.09

Summary of results Pesticides H116

Labcode: LC0003

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.244 ± 0.034	0.0453	108	0.38
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.137 ± 0.022	0.0191	101	0.05

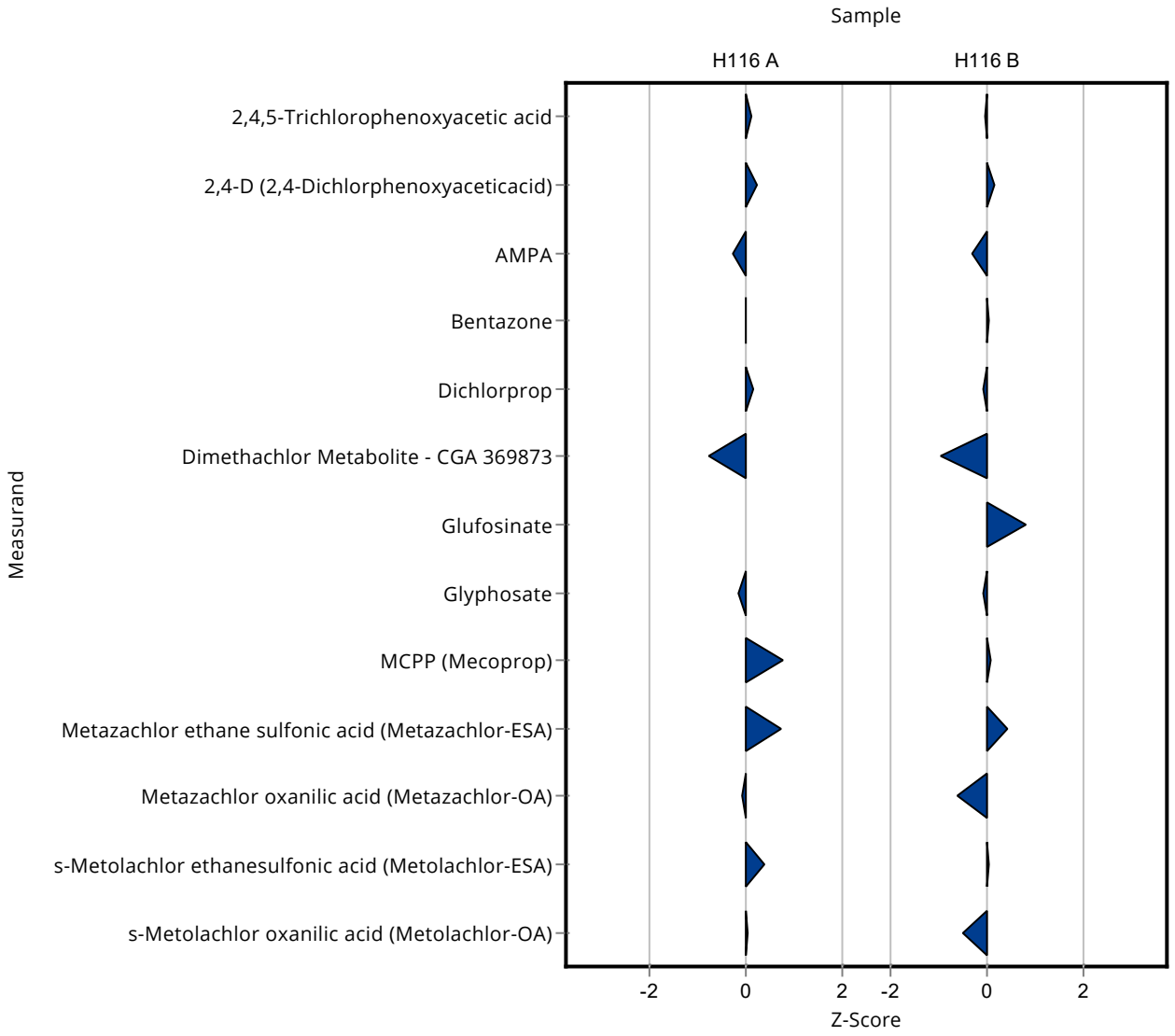
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.631 ± 0.147	0.114	99.4	-0.03
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.778 ± 0.127	0.107	102	0.16
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.598 ± 0.117	0.0808	96.2	-0.29
Bentazone	µg/l	0.551 ± 0.0202	0.555 ± 0.097	0.0826	101	0.05
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.497 ± 0.075	0.0602	99	-0.08
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.428 ± 0.047	0.0811	84.4	-0.98
Glufosinate	µg/l	0.254 ± 0.0247	0.324 ± 0.091	0.0865	127	0.80
Glyphosate	µg/l	0.528 ± 0.0292	0.522 ± 0.103	0.106	98.8	-0.06

Summary of results Pesticides H116

Labcode: LC0003

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.593 ± 0.126	0.0761	101	0.10
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.467 ± 0.057	0.082	108	0.43
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.617 ± 0.06	0.149	86.9	-0.62
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.552 ± 0.076	0.109	101	0.05
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.554 ± 0.088	0.0835	92.9	-0.51



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.26 ± 0.061	0.0458	102	0.04
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.239 ± 0.039	0.0324	103	0.10
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.127 ± 0.03	0.0171	96.6	-0.07
Bentazone	µg/l	0.24 ± 0.00899	0.24 ± 0.042	0.0361	99.8	0.00
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.157 ± 0.024	0.0185	102	0.06
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.47 ± 0.052	0.0565	91.4	-0.40
Glufosinate	µg/l	0.128 ± 0.0187	<0.05 (LOQ) ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.184 ± 0.028	0.0382	96.4	-0.12

Summary of results Pesticides H116 - En-Score

Labcode: LC0003

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.235 ± 0.05	0.0277	110	0.21
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.204 ± 0.025	0.0341	114	0.49
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.266 ± 0.026	0.0569	98.1	-0.09
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.244 ± 0.034	0.0453	108	0.25
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.137 ± 0.022	0.0191	101	0.02

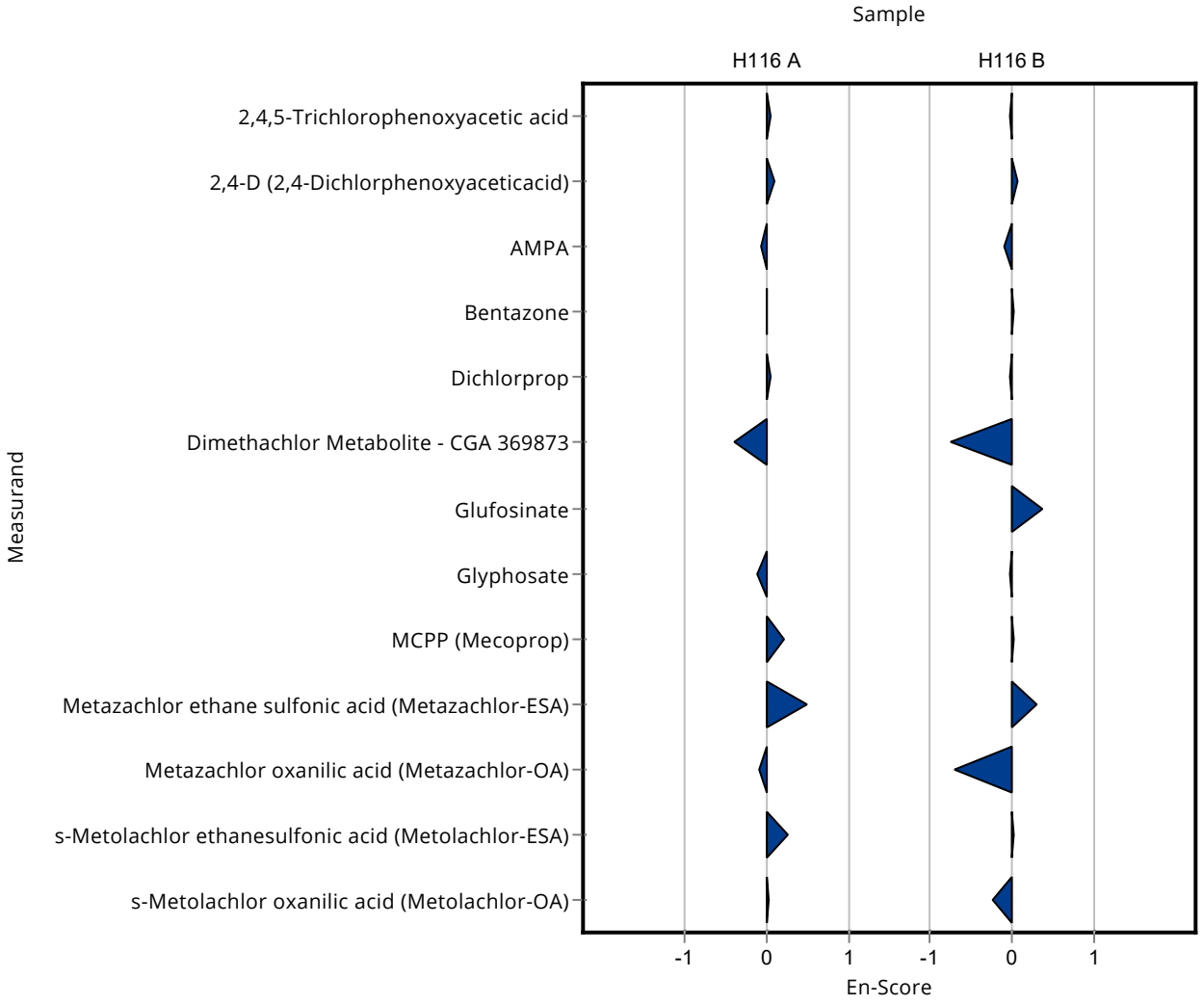
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.631 ± 0.147	0.114	99.4	-0.01
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.778 ± 0.127	0.107	102	0.07
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.598 ± 0.117	0.0808	96.2	-0.10
Bentazone	µg/l	0.551 ± 0.0202	0.555 ± 0.097	0.0826	101	0.02
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0003

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.497 ± 0.075	0.0602	99	-0.03
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.428 ± 0.047	0.0811	84.4	-0.76
Glufosinate	µg/l	0.254 ± 0.0247	0.324 ± 0.091	0.0865	127	0.38
Glyphosate	µg/l	0.528 ± 0.0292	0.522 ± 0.103	0.106	98.8	-0.03
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.593 ± 0.126	0.0761	101	0.03
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.467 ± 0.057	0.082	108	0.30
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.617 ± 0.06	0.149	86.9	-0.71
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.552 ± 0.076	0.109	101	0.03
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.554 ± 0.088	0.0835	92.9	-0.24


Sample
H116 A
H116 B
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
AMPA
Bentazone
Dichlorprop
Dimethachlor Metabolite - CGA 369873
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.23 ± 0.023	0.0324	99.5	-0.04
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.23 ± 0.028	0.0361	95.7	-0.29
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.18 ± 0.029	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.38 ± 0.049	0.0493	92.5	-0.62
Dicamba	µg/l	0.286 ± 0.0238	0.29 ± 0.083	0.0573	101	0.06
Dichlorprop	µg/l	0.154 ± 0.0034	0.15 ± 0.018	0.0185	97.3	-0.23
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.55 ± 0.084	0.0565	107	0.64
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.22 ± 0.021	0.0277	103	0.24
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.012	0.0146	98.4	-0.13
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.18 ± 0.013	0.0341	100	0.02
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.31 ± 0.035	0.0569	114	0.68

Summary of results Pesticides H116

Labcode: LC0004

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.21 ± 0.018	0.0339	92.9	-0.48
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.24 ± 0.019	0.0453	106	0.30
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.14 ± 0.01	0.0191	103	0.20

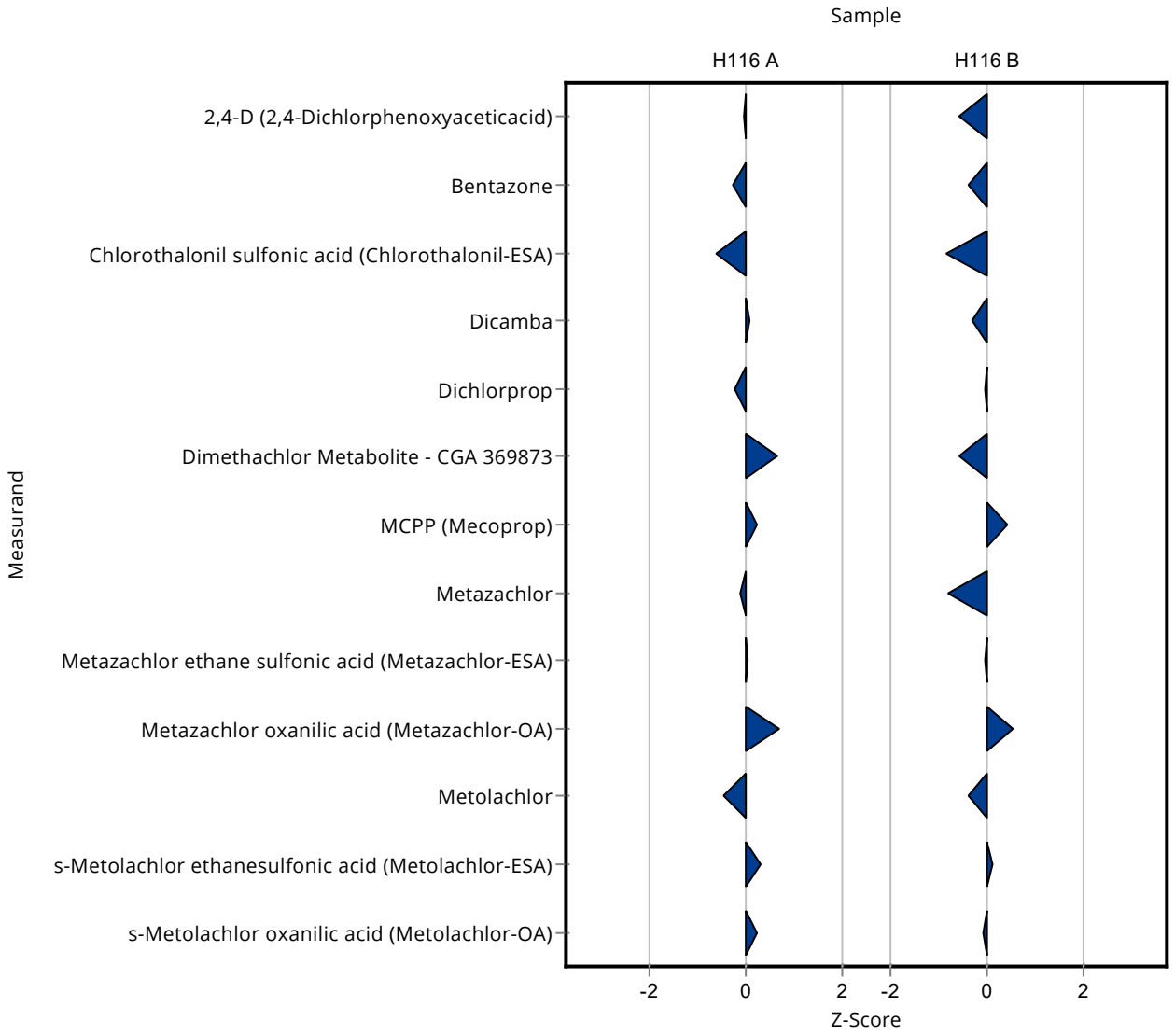
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.7 ± 0.069	0.107	92	-0.57
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.52 ± 0.063	0.0826	94.4	-0.38
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.46 ± 0.074	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.56 ± 0.072	0.0611	91.6	-0.84
Dicamba	µg/l	0.626 ± 0.0445	0.59 ± 0.169	0.125	94.2	-0.29
Dichlorprop	µg/l	0.502 ± 0.0113	0.5 ± 0.06	0.0602	99.6	-0.03
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.46 ± 0.07	0.0811	90.7	-0.58
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0004

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.62 ± 0.058	0.0761	106	0.45
Metazachlor	µg/l	0.588 ± 0.0262	0.53 ± 0.055	0.0705	90.2	-0.82
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.43 ± 0.032	0.082	99.6	-0.02
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.79 ± 0.088	0.149	111	0.54
Metolachlor	µg/l	0.772 ± 0.0234	0.73 ± 0.063	0.116	94.6	-0.36
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.56 ± 0.044	0.109	102	0.12
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.59 ± 0.044	0.0835	98.9	-0.08



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.23 ± 0.023	0.0324	99.5	-0.03
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.23 ± 0.028	0.0361	95.7	-0.18
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.18 ± 0.029	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.38 ± 0.049	0.0493	92.5	-0.30
Dicamba	µg/l	0.286 ± 0.0238	0.29 ± 0.083	0.0573	101	0.02
Dichlorprop	µg/l	0.154 ± 0.0034	0.15 ± 0.018	0.0185	97.3	-0.12
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.55 ± 0.084	0.0565	107	0.21
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0004

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.22 ± 0.021	0.0277	103	0.15
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.012	0.0146	98.4	-0.08
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.18 ± 0.013	0.0341	100	0.03
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.31 ± 0.035	0.0569	114	0.54
Metolachlor	µg/l	0.226 ± 0.00884	0.21 ± 0.018	0.0339	92.9	-0.44
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.24 ± 0.019	0.0453	106	0.34
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.14 ± 0.01	0.0191	103	0.19

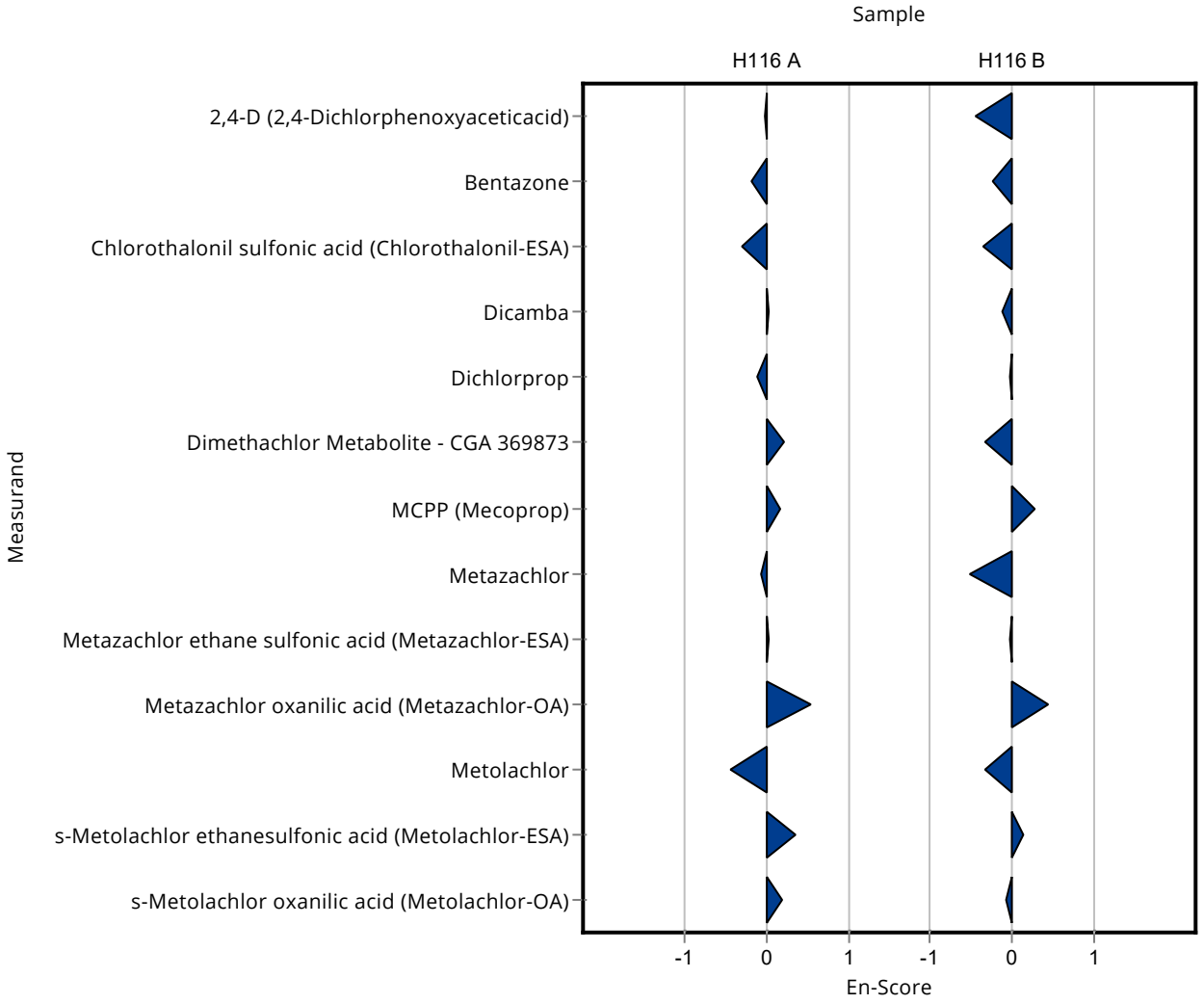
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.7 ± 0.069	0.107	92	-0.43
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.52 ± 0.063	0.0826	94.4	-0.24
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.46 ± 0.074	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0004

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.56 ± 0.072	0.0611	91.6	-0.35
Dicamba	µg/l	0.626 ± 0.0445	0.59 ± 0.169	0.125	94.2	-0.11
Dichlorprop	µg/l	0.502 ± 0.0113	0.5 ± 0.06	0.0602	99.6	-0.02
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.46 ± 0.07	0.0811	90.7	-0.32
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.62 ± 0.058	0.0761	106	0.29
Metazachlor	µg/l	0.588 ± 0.0262	0.53 ± 0.055	0.0705	90.2	-0.51
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.43 ± 0.032	0.082	99.6	-0.03
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.79 ± 0.088	0.149	111	0.44
Metolachlor	µg/l	0.772 ± 0.0234	0.73 ± 0.063	0.116	94.6	-0.33
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.56 ± 0.044	0.109	102	0.14
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.59 ± 0.044	0.0835	98.9	-0.07


Sample
H116 A
H116 B
2,4-D (2,4-Dichlorphenoxyaceticacid)
Bentazone
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dicamba
Dichlorprop
Dimethachlor Metabolite - CGA 369873
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.212 ± 0.09	0.0458	83.3	-0.93
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.208 ± 0.09	0.0324	90	-0.72
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.064 ± 0.028	0.0171	48.7	-3.95
Bentazone	µg/l	0.24 ± 0.00899	0.22 ± 0.09	0.0361	91.5	-0.57
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.308 ± 0.14	0.0573	108	0.38
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.093 ± 0.041	0.0436	72.6	-0.81
Glyphosate	µg/l	0.191 ± 0.0114	0.106 ± 0.047	0.0382	55.6	-2.22
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.19 ± 0.095	0.0277	89	-0.85
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0005

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

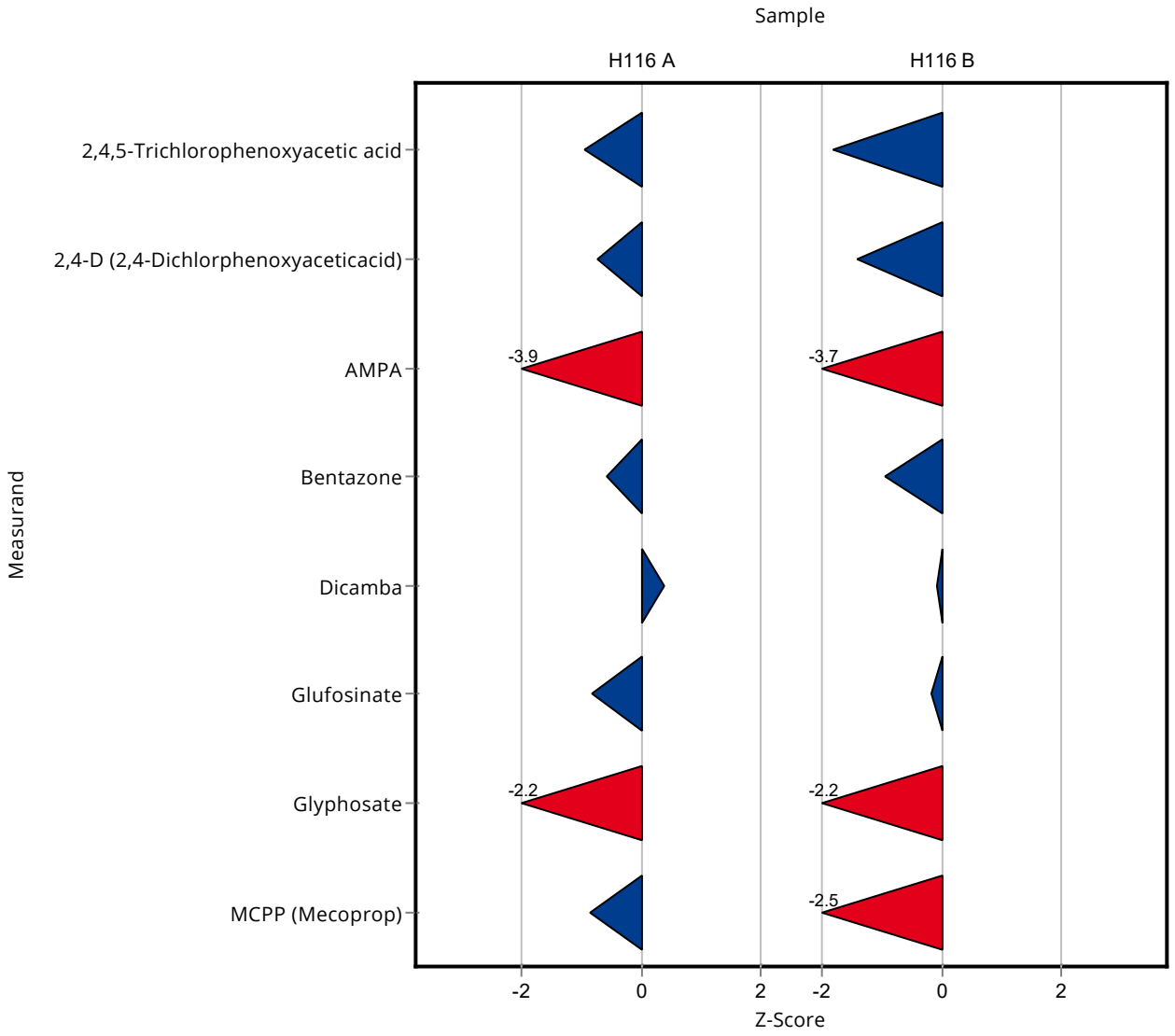
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.427 ± 0.17	0.114	67.3	-1.82
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.612 ± 0.22	0.107	80.4	-1.40
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.325 ± 0.143	0.0808	52.3	-3.67
Bentazone	µg/l	0.551 ± 0.0202	0.474 ± 0.18	0.0826	86	-0.93
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.618 ± 0.27	0.125	98.7	-0.06
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.24 ± 0.106	0.0865	94.3	-0.17
Glyphosate	µg/l	0.528 ± 0.0292	0.299 ± 0.132	0.106	56.6	-2.17

Summary of results Pesticides H116

Labcode: LC0005

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.395 ± 0.198	0.0761	67.4	-2.50
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.212 ± 0.09	0.0458	83.3	-0.24
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.208 ± 0.09	0.0324	90	-0.13
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.064 ± 0.028	0.0171	48.7	-1.20
Bentazone	µg/l	0.24 ± 0.00899	0.22 ± 0.09	0.0361	91.5	-0.11
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.308 ± 0.14	0.0573	108	0.08
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.093 ± 0.041	0.0436	72.6	-0.42
Glyphosate	µg/l	0.191 ± 0.0114	0.106 ± 0.047	0.0382	55.6	-0.90

Summary of results Pesticides H116 - En-Score

Labcode: LC0005

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.19 ± 0.095	0.0277	89	-0.12
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

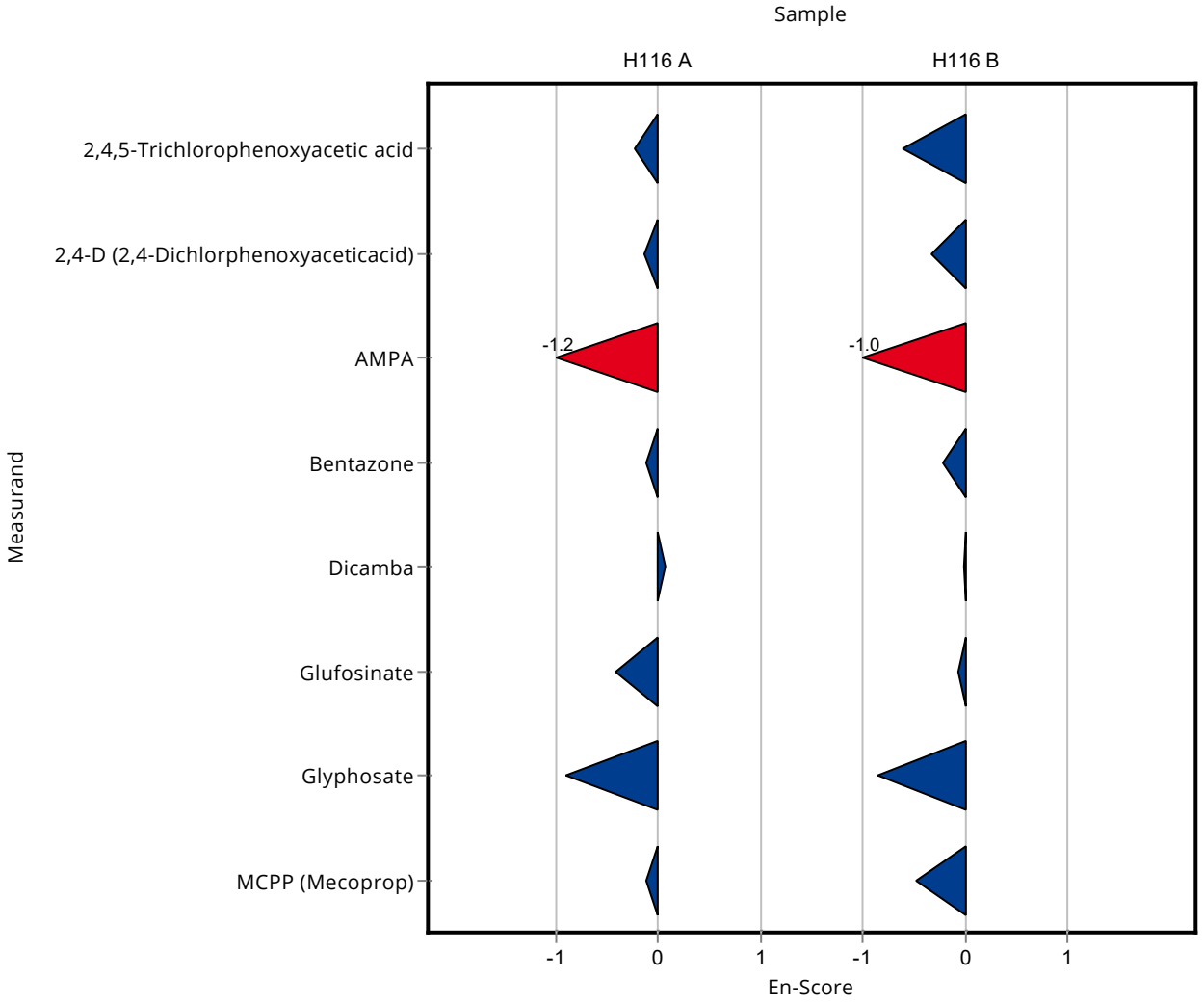
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.427 ± 0.17	0.114	67.3	-0.60
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.612 ± 0.22	0.107	80.4	-0.34
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.325 ± 0.143	0.0808	52.3	-1.03
Bentazone	µg/l	0.551 ± 0.0202	0.474 ± 0.18	0.0826	86	-0.21
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0005

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.618 ± 0.27	0.125	98.7	-0.01
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.24 ± 0.106	0.0865	94.3	-0.07
Glyphosate	µg/l	0.528 ± 0.0292	0.299 ± 0.132	0.106	56.6	-0.86
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.395 ± 0.198	0.0761	67.4	-0.48
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
AMPA
Bentazone
Dicamba
Glufosinate
Glyphosate
MCPP (Mecoprop)
Measurand
-1.2
-1.0
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.225663222 ± 0.040619	0.0324	97.6	-0.17
Alachlor	µg/l	0.17 ± 0.0095	0.176454116 ± 0.031762	0.0203	104	0.34
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.185092324 ± 0.033317	0.0306	90.8	-0.61
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.202545911 ± 0.036458	0.0296	88.9	-0.85
AMPA	µg/l	0.132 ± 0.00728	0.137212617 ± 0.024698	0.0171	104	0.33
Bentazone	µg/l	0.24 ± 0.00899	0.234343777 ± 0.042182	0.0361	97.5	-0.17
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.730520443 ± 0.131494	0.0648	113	1.28
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.182903142 ± 0.032923	0.0371	93.7	-0.33
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.166619198 ± 0.029991	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.235462377 ± 0.042383	0.0316	96.8	-0.25
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.314187057 ± 0.056554	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.198843725 ± 0.035792	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.393569951 ± 0.070843	0.0493	95.8	-0.35
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.150777393 ± 0.02714	0.0185	97.8	-0.19
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.168167541 ± 0.03027	0.0436	131	0.92
Glyphosate	µg/l	0.191 ± 0.0114	0.236404305 ± 0.042553	0.0382	124	1.20
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.212070919 ± 0.038173	0.0277	99.4	-0.05
Metazachlor	µg/l	0.122 ± 0.00493	0.135479917 ± 0.024386	0.0146	111	0.93
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.182022889 ± 0.032764	0.0341	102	0.08
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.278073924 ± 0.050053	0.0569	103	0.12

Summary of results Pesticides H116

Labcode: LC0006

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.221705494 ± 0.039907	0.0339	98	-0.13
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.21621447 ± 0.038919	0.0453	95.4	-0.23
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.11953814 ± 0.021517	0.0191	87.8	-0.87

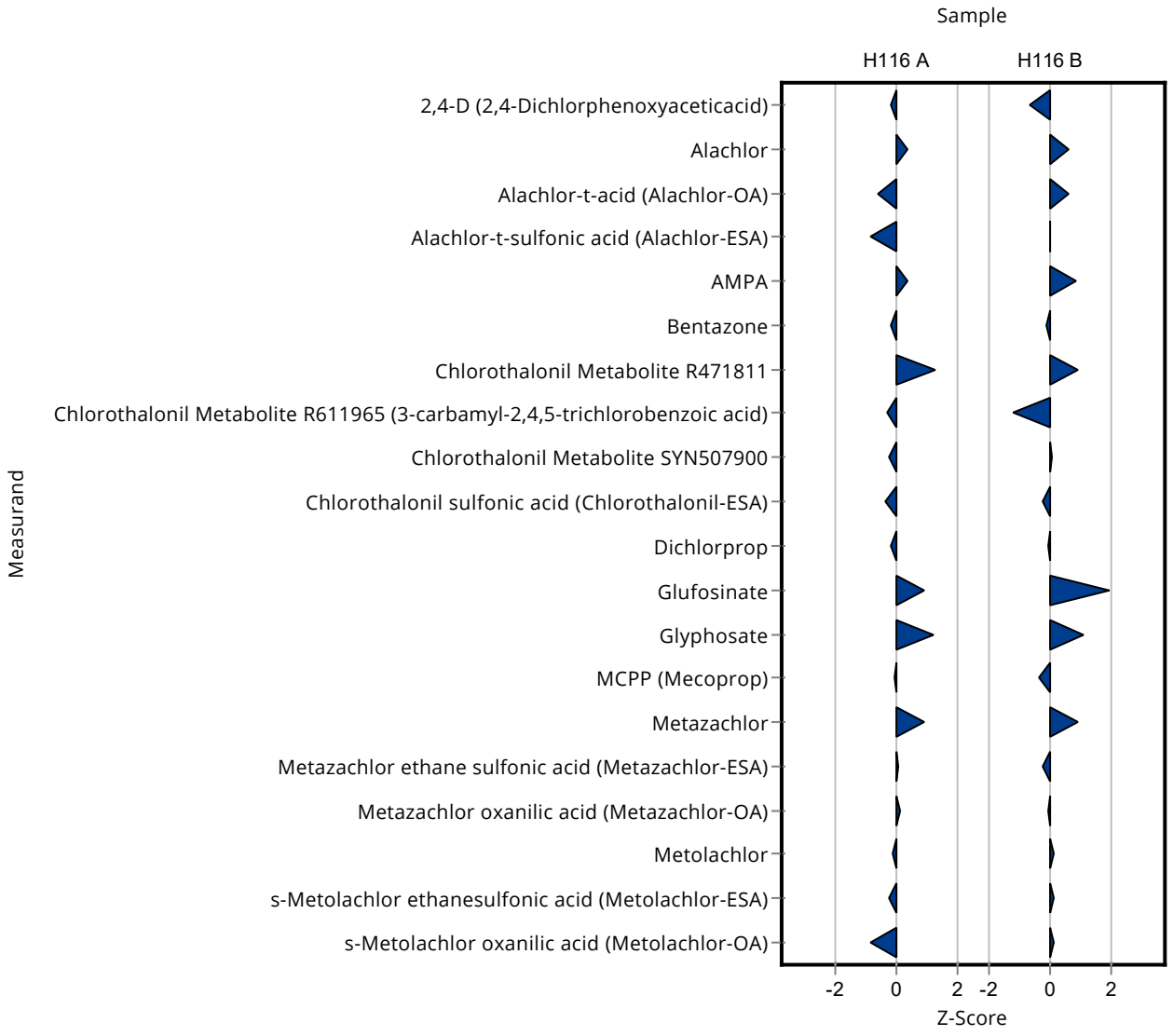
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.688874952 ± 0.123997	0.107	90.5	-0.68
Alachlor	µg/l	0.405 ± 0.0158	0.435335365 ± 0.07836	0.0487	107	0.61
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.639414683 ± 0.115095	0.152	118	0.63
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.56677809 ± 0.10202	0.153	100	0.01
AMPA	µg/l	0.621 ± 0.0318	0.688453186 ± 0.123922	0.0808	111	0.83
Bentazone	µg/l	0.551 ± 0.0202	0.540185885 ± 0.097233	0.0826	98	-0.13
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.572101232 ± 0.102978	0.0757	113	0.89
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.439470586 ± 0.079105	0.05	87.8	-1.22
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.547941588 ± 0.098629	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.692926353 ± 0.124727	0.0755	101	0.08
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.545921122 ± 0.098266	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.589647121 ± 0.106136	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.596512564 ± 0.107372	0.0611	97.6	-0.24
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.499801231 ± 0.089964	0.0602	99.6	-0.04
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.419776265 ± 0.07556	0.0865	165	1.91
Glyphosate	µg/l	0.528 ± 0.0292	0.64666466 ± 0.1164	0.106	122	1.12

Summary of results Pesticides H116

Labcode: LC0006

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.556759692 ± 0.100217	0.0761	95.1	-0.38
Metazachlor	µg/l	0.588 ± 0.0262	0.652099654 ± 0.117378	0.0705	111	0.92
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.414229581 ± 0.074561	0.082	95.9	-0.21
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.704143961 ± 0.126746	0.149	99.2	-0.04
Metolachlor	µg/l	0.772 ± 0.0234	0.785859809 ± 0.141455	0.116	102	0.12
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.560237822 ± 0.100843	0.109	102	0.12
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.60779676 ± 0.109403	0.0835	102	0.14



Sample: H116A

Parameter	Unit	Assigned value	±	U (k=2)	Result	±	U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255	±	0.0149	-	±	-	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231	±	0.00911	0.225663222	±	0.040619	0.0324	97.6	-0.07
Alachlor	µg/l	0.17	±	0.0095	0.176454116	±	0.031762	0.0203	104	0.11
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204	±	0.0116	0.185092324	±	0.033317	0.0306	90.8	-0.28
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228	±	0.0239	0.202545911	±	0.036458	0.0296	88.9	-0.33
AMPA	µg/l	0.132	±	0.00728	0.137212617	±	0.024698	0.0171	104	0.11
Bentazone	µg/l	0.24	±	0.00899	0.234343777	±	0.042182	0.0361	97.5	-0.07
Chlorothalonil-4-hydroxy	µg/l	0.33	±	0.0162	-	±	-	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648	±	0.0384	0.730520443	±	0.131494	0.0648	113	0.31
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195	±	0.0248	0.182903142	±	0.032923	0.0371	93.7	-0.17
Chlorothalonil Metabolite R611968	µg/l	-	±	-	0.166619198	±	0.029991	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243	±	0.0216	0.235462377	±	0.042383	0.0316	96.8	-0.09
Chlorothalonil Metabolite SYN548580	µg/l	-	±	-	0.314187057	±	0.056554	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	-	±	-	0.198843725	±	0.035792	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411	±	0.0293	0.393569951	±	0.070843	0.0493	95.8	-0.12
Dicamba	µg/l	0.286	±	0.0238	-	±	-	0.0573	-	-
Dichlorprop	µg/l	0.154	±	0.0034	0.150777393	±	0.02714	0.0185	97.8	-0.06
Dimethachlor Metabolite - CGA 369873	µg/l	0.514	±	0.0326	-	±	-	0.0565	-	-
Glufosinate	µg/l	0.128	±	0.0187	0.168167541	±	0.03027	0.0436	131	0.63
Glyphosate	µg/l	0.191	±	0.0114	0.236404305	±	0.042553	0.0382	124	0.53

Summary of results Pesticides H116 - En-Score

Labcode: LC0006

Parameter	Unit	Assigned value	±	U (k=2)	Result	±	U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213	±	0.00762	0.212070919	±	0.038173	0.0277	99.4	-0.02
Metazachlor	µg/l	0.122	±	0.00493	0.135479917	±	0.024386	0.0146	111	0.28
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179	±	0.00711	0.182022889	±	0.032764	0.0341	102	0.04
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271	±	0.0175	0.278073924	±	0.050053	0.0569	103	0.07
Metolachlor	µg/l	0.226	±	0.00884	0.221705494	±	0.039907	0.0339	98	-0.06
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227	±	0.00949	0.21621447	±	0.038919	0.0453	95.4	-0.13
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136	±	0.00552	0.11953814	±	0.021517	0.0191	87.8	-0.38

Sample: H116B

Parameter	Unit	Assigned value	±	U (k=2)	Result	±	U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635	±	0.0499	-	±	-	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761	±	0.0295	0.688874952	±	0.123997	0.107	90.5	-0.29
Alachlor	µg/l	0.405	±	0.0158	0.435335365	±	0.07836	0.0487	107	0.19
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544	±	0.106	0.639414683	±	0.115095	0.152	118	0.38
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565	±	0.0979	0.56677809	±	0.10202	0.153	100	0.01
AMPA	µg/l	0.621	±	0.0318	0.688453186	±	0.123922	0.0808	111	0.27
Bentazone	µg/l	0.551	±	0.0202	0.540185885	±	0.097233	0.0826	98	-0.06
Chlorothalonil-4-hydroxy	µg/l	0.911	±	0.033	-	±	-	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505	±	0.043	0.572101232	±	0.102978	0.0757	113	0.32
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5	±	0.0107	0.439470586	±	0.079105	0.05	87.8	-0.38
Chlorothalonil Metabolite R611968	µg/l	-	±	-	0.547941588	±	0.098629	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687	±	0.0529	0.692926353	±	0.124727	0.0755	101	0.03

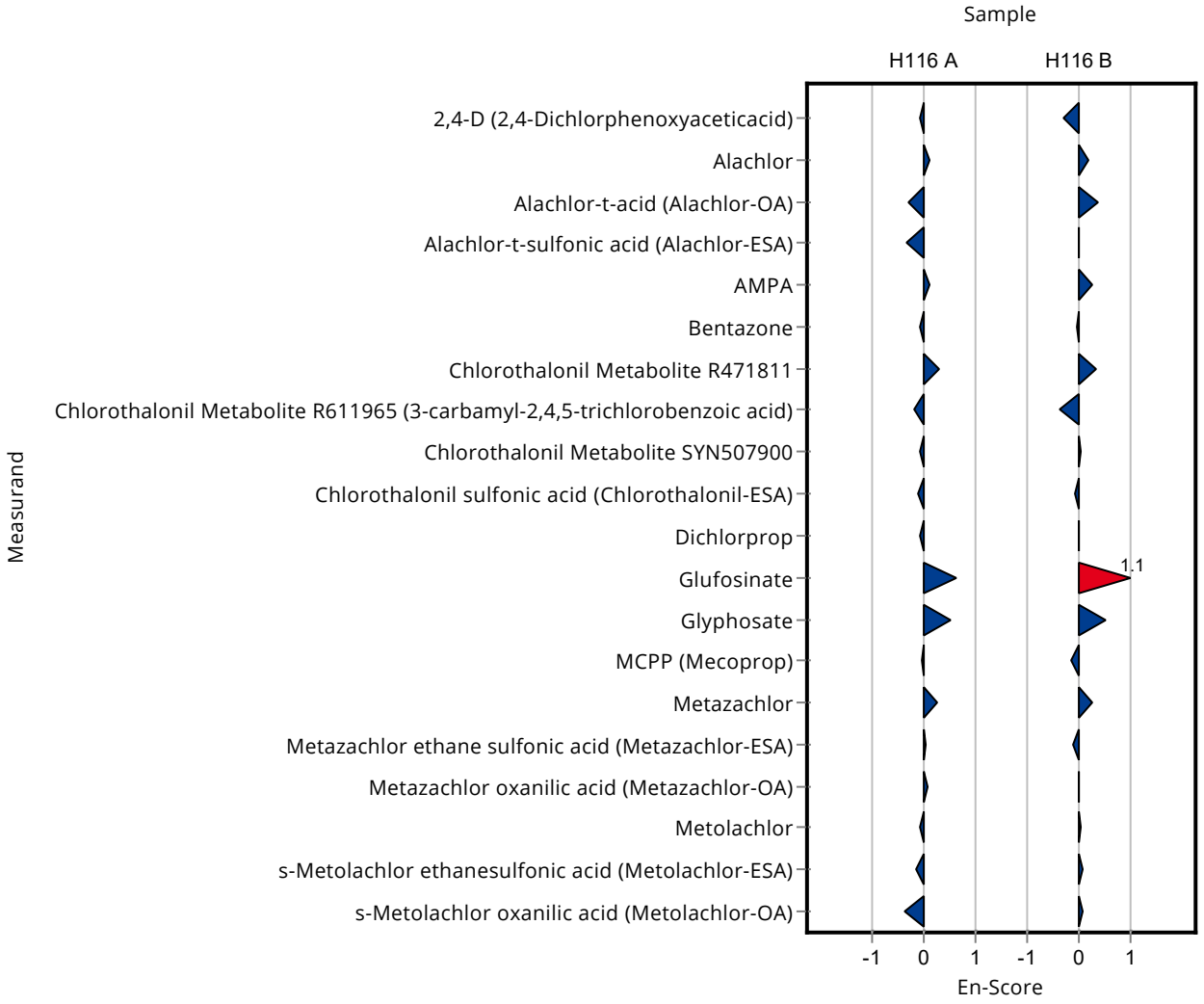
Summary of results Pesticides H116 - En-Score

Labcode: LC0006

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.545921122 ± 0.098266	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.589647121 ± 0.106136	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.596512564 ± 0.107372	0.0611	97.6	-0.07
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.499801231 ± 0.089964	0.0602	99.6	-0.01
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.419776265 ± 0.07556	0.0865	165	1.08
Glyphosate	µg/l	0.528 ± 0.0292	0.64666466 ± 0.1164	0.106	122	0.50
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.556759692 ± 0.100217	0.0761	95.1	-0.14
Metazachlor	µg/l	0.588 ± 0.0262	0.652099654 ± 0.117378	0.0705	111	0.27
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.414229581 ± 0.074561	0.082	95.9	-0.12
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.704143961 ± 0.126746	0.149	99.2	-0.02
Metolachlor	µg/l	0.772 ± 0.0234	0.785859809 ± 0.141455	0.116	102	0.05
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.560237822 ± 0.100843	0.109	102	0.07
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.60779676 ± 0.109403	0.0835	102	0.05

Summary of results Pesticides H116 - En-Score

Labcode: LC0006



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.22 ± 0.09	0.0458	86.4	-0.76
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.19 ± 0.08	0.0324	82.2	-1.27
Alachlor	µg/l	0.17 ± 0.0095	0.25 ± 0.11	0.0203	147	3.95
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.13 ± 0.06	0.0361	54.1	-3.06
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.36 ± 0.16	0.0573	126	1.29
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.19 ± 0.09	0.0277	89	-0.85
Metazachlor	µg/l	0.122 ± 0.00493	0.18 ± 0.08	0.0146	148	3.97
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0007

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.29 ± 0.13	0.0339	128	1.88
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.18 ± 0.08	0.0453	79.4	-1.03
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

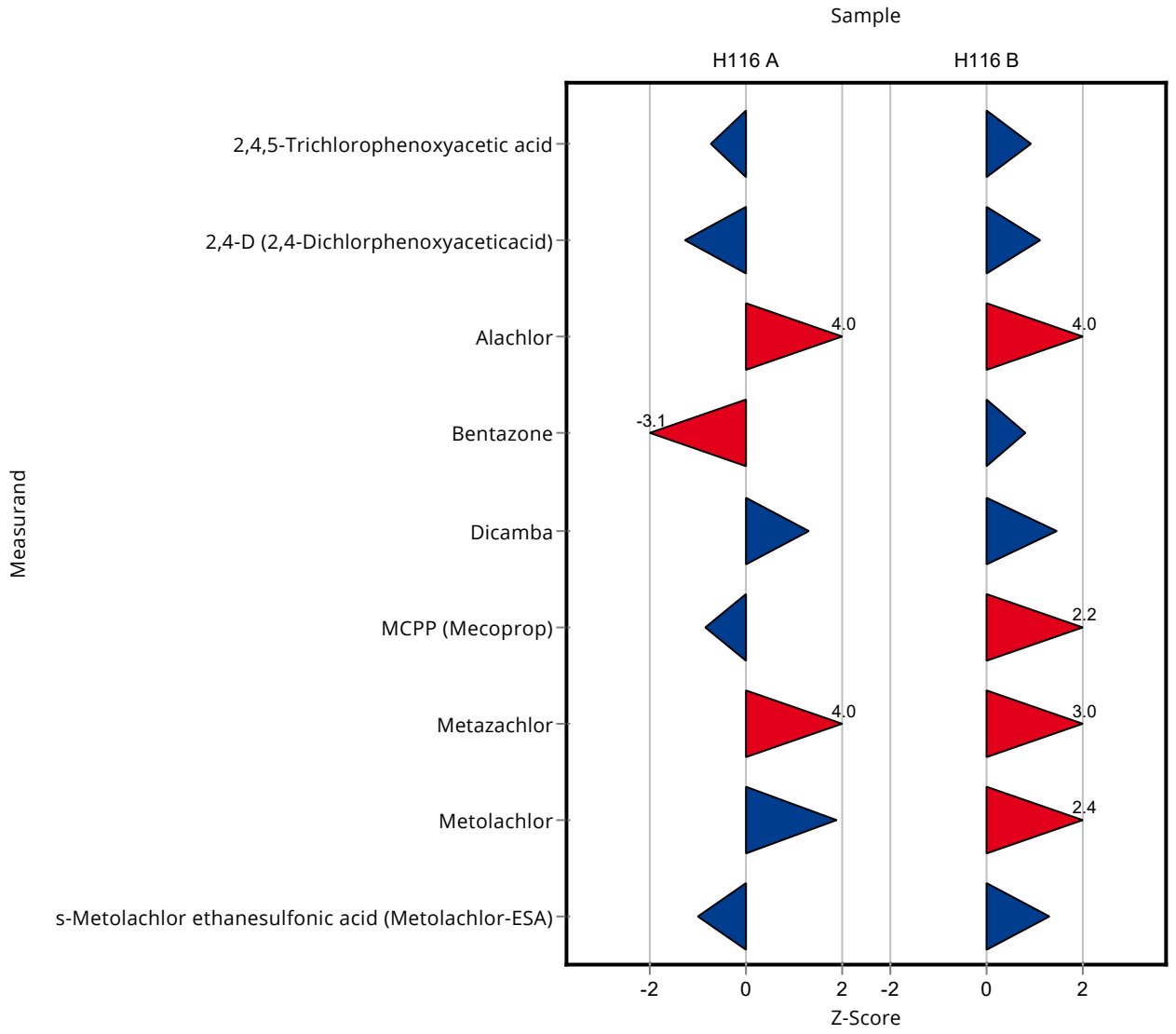
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.74 ± 0.33	0.114	117	0.92
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.88 ± 0.39	0.107	116	1.11
Alachlor	µg/l	0.405 ± 0.0158	0.6 ± 0.26	0.0487	148	4.00
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.62 ± 0.27	0.0826	113	0.83
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.81 ± 0.36	0.125	129	1.47
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0007

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.75 ± 0.33	0.0761	128	2.16
Metazachlor	µg/l	0.588 ± 0.0262	0.8 ± 0.35	0.0705	136	3.01
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	1.05 ± 0.46	0.116	136	2.40
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.69 ± 0.3	0.109	126	1.31
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.22 ± 0.09	0.0458	86.4	-0.19
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.19 ± 0.08	0.0324	82.2	-0.26
Alachlor	µg/l	0.17 ± 0.0095	0.25 ± 0.11	0.0203	147	0.37
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.13 ± 0.06	0.0361	54.1	-0.92
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.36 ± 0.16	0.0573	126	0.23
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0007

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.19 ± 0.09	0.0277	89	-0.13
Metazachlor	µg/l	0.122 ± 0.00493	0.18 ± 0.08	0.0146	148	0.36
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.29 ± 0.13	0.0339	128	0.25
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.18 ± 0.08	0.0453	79.4	-0.29
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.74 ± 0.33	0.114	117	0.16
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.88 ± 0.39	0.107	116	0.15
Alachlor	µg/l	0.405 ± 0.0158	0.6 ± 0.26	0.0487	148	0.37
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.62 ± 0.27	0.0826	113	0.13
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

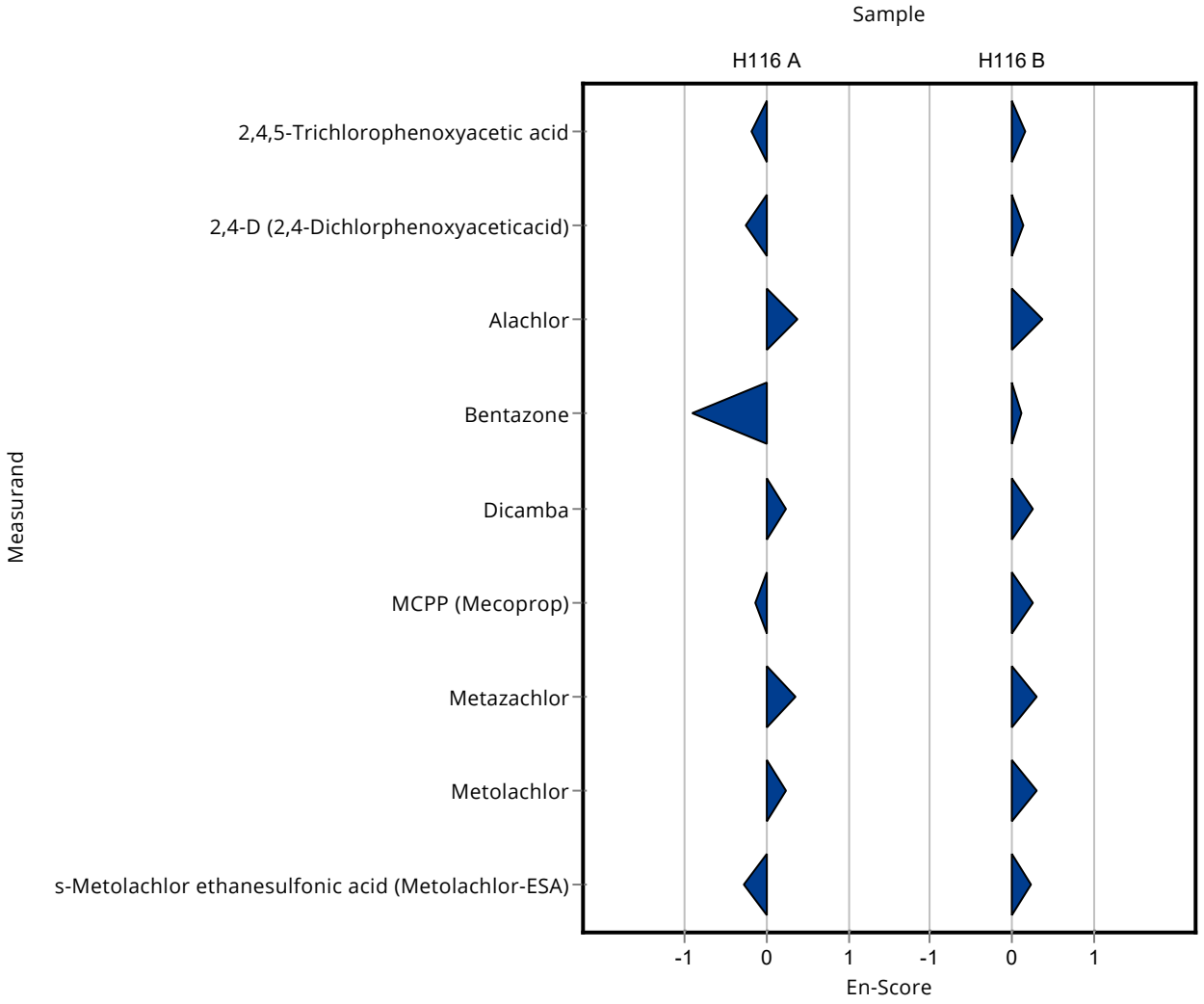
Summary of results Pesticides H116 - En-Score

Labcode: LC0007

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.81 ± 0.36	0.125	129	0.26
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.75 ± 0.33	0.0761	128	0.25
Metazachlor	µg/l	0.588 ± 0.0262	0.8 ± 0.35	0.0705	136	0.30
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	1.05 ± 0.46	0.116	136	0.30
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.69 ± 0.3	0.109	126	0.24
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0007



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.236 ± 0.0944	0.0458	92.7	-0.41
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.235 ± 0.094	0.0324	102	0.12
Alachlor	µg/l	0.17 ± 0.0095	0.173 ± 0.0259	0.0203	102	0.17
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.21 ± 0.084	0.0296	92.2	-0.60
AMPA	µg/l	0.132 ± 0.00728	0.131 ± 0.0525	0.0171	99.6	-0.03
Bentazone	µg/l	0.24 ± 0.00899	0.251 ± 0.1	0.0361	104	0.29
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.326 ± 0.13	0.033	98.9	-0.11
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.672 ± 0.269	0.0648	104	0.37
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.229 ± 0.0916	0.0371	117	0.91
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.169 ± 0.0676	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.21 ± 0.084	0.0316	86.3	-1.05
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.186 ± 0.0744	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.369 ± 0.148	0.0493	89.8	-0.85
Dicamba	µg/l	0.286 ± 0.0238	0.304 ± 0.122	0.0573	106	0.31
Dichlorprop	µg/l	0.154 ± 0.0034	0.15 ± 0.06	0.0185	97.3	-0.23
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.48 ± 0.0432	0.0565	93.4	-0.60
Glufosinate	µg/l	0.128 ± 0.0187	0.132 ± 0.0528	0.0436	103	0.09
Glyphosate	µg/l	0.191 ± 0.0114	0.179 ± 0.071	0.0382	93.8	-0.31
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.204 ± 0.0816	0.0277	95.6	-0.34
Metazachlor	µg/l	0.122 ± 0.00493	0.116 ± 0.0174	0.0146	95.1	-0.41
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.177 ± 0.0708	0.0341	98.7	-0.07
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.243 ± 0.0972	0.0569	89.6	-0.49

Summary of results Pesticides H116

Labcode: LC0008

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.229 ± 0.0413	0.0339	101	0.08
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.22 ± 0.088	0.0453	97.1	-0.15
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.136 ± 0.0544	0.0191	99.9	-0.01

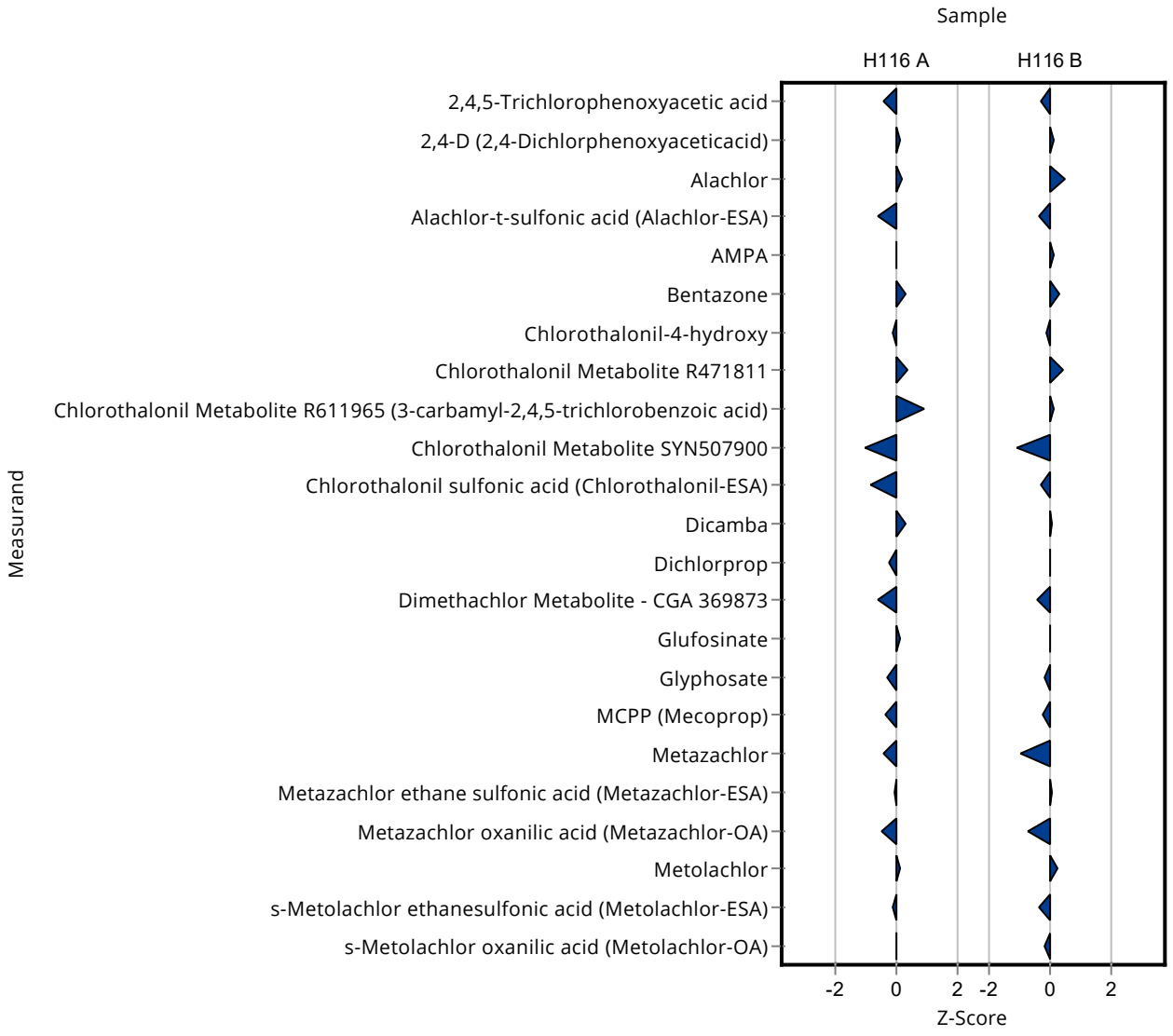
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.6 ± 0.24	0.114	94.5	-0.31
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.773 ± 0.309	0.107	102	0.11
Alachlor	µg/l	0.405 ± 0.0158	0.429 ± 0.0259	0.0487	106	0.48
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.512 ± 0.205	0.153	90.6	-0.35
AMPA	µg/l	0.621 ± 0.0318	0.634 ± 0.254	0.0808	102	0.16
Bentazone	µg/l	0.551 ± 0.0202	0.575 ± 0.23	0.0826	104	0.29
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.899 ± 0.36	0.0911	98.7	-0.13
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.537 ± 0.215	0.0757	106	0.43
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.508 ± 0.203	0.05	102	0.15
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.466 ± 0.186	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.604 ± 0.242	0.0755	88	-1.09
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.717 ± 0.287	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.594 ± 0.238	0.0611	97.2	-0.28
Dicamba	µg/l	0.626 ± 0.0445	0.634 ± 0.254	0.125	101	0.06
Dichlorprop	µg/l	0.502 ± 0.0113	0.504 ± 0.202	0.0602	100	0.03
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.471 ± 0.0424	0.0811	92.9	-0.45
Glufosinate	µg/l	0.254 ± 0.0247	0.255 ± 0.102	0.0865	100	0.01
Glyphosate	µg/l	0.528 ± 0.0292	0.51 ± 0.204	0.106	96.6	-0.17

Summary of results Pesticides H116

Labcode: LC0008

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.568 ± 0.227	0.0761	97	-0.23
Metazachlor	µg/l	0.588 ± 0.0262	0.521 ± 0.0782	0.0705	88.7	-0.94
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.438 ± 0.175	0.082	101	0.08
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.605 ± 0.242	0.149	85.2	-0.70
Metolachlor	µg/l	0.772 ± 0.0234	0.797 ± 0.144	0.116	103	0.22
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.507 ± 0.203	0.109	92.7	-0.36
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.58 ± 0.232	0.0835	97.2	-0.20



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.236 ± 0.0944	0.0458	92.7	-0.10
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.235 ± 0.094	0.0324	102	0.02
Alachlor	µg/l	0.17 ± 0.0095	0.173 ± 0.0259	0.0203	102	0.07
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.21 ± 0.084	0.0296	92.2	-0.10
AMPA	µg/l	0.132 ± 0.00728	0.131 ± 0.0525	0.0171	99.6	0.00
Bentazone	µg/l	0.24 ± 0.00899	0.251 ± 0.1	0.0361	104	0.05
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.326 ± 0.13	0.033	98.9	-0.01
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.672 ± 0.269	0.0648	104	0.04
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.229 ± 0.0916	0.0371	117	0.18
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.169 ± 0.0676	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.21 ± 0.084	0.0316	86.3	-0.20
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.186 ± 0.0744	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.369 ± 0.148	0.0493	89.8	-0.14
Dicamba	µg/l	0.286 ± 0.0238	0.304 ± 0.122	0.0573	106	0.07
Dichlorprop	µg/l	0.154 ± 0.0034	0.15 ± 0.06	0.0185	97.3	-0.04
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.48 ± 0.0432	0.0565	93.4	-0.37
Glufosinate	µg/l	0.128 ± 0.0187	0.132 ± 0.0528	0.0436	103	0.04
Glyphosate	µg/l	0.191 ± 0.0114	0.179 ± 0.071	0.0382	93.8	-0.08

Summary of results Pesticides H116 - En-Score

Labcode: LC0008

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.204 ± 0.0816	0.0277	95.6	-0.06
Metazachlor	µg/l	0.122 ± 0.00493	0.116 ± 0.0174	0.0146	95.1	-0.17
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.177 ± 0.0708	0.0341	98.7	-0.02
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.243 ± 0.0972	0.0569	89.6	-0.14
Metolachlor	µg/l	0.226 ± 0.00884	0.229 ± 0.0413	0.0339	101	0.03
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.22 ± 0.088	0.0453	97.1	-0.04
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.136 ± 0.0544	0.0191	99.9	0.00

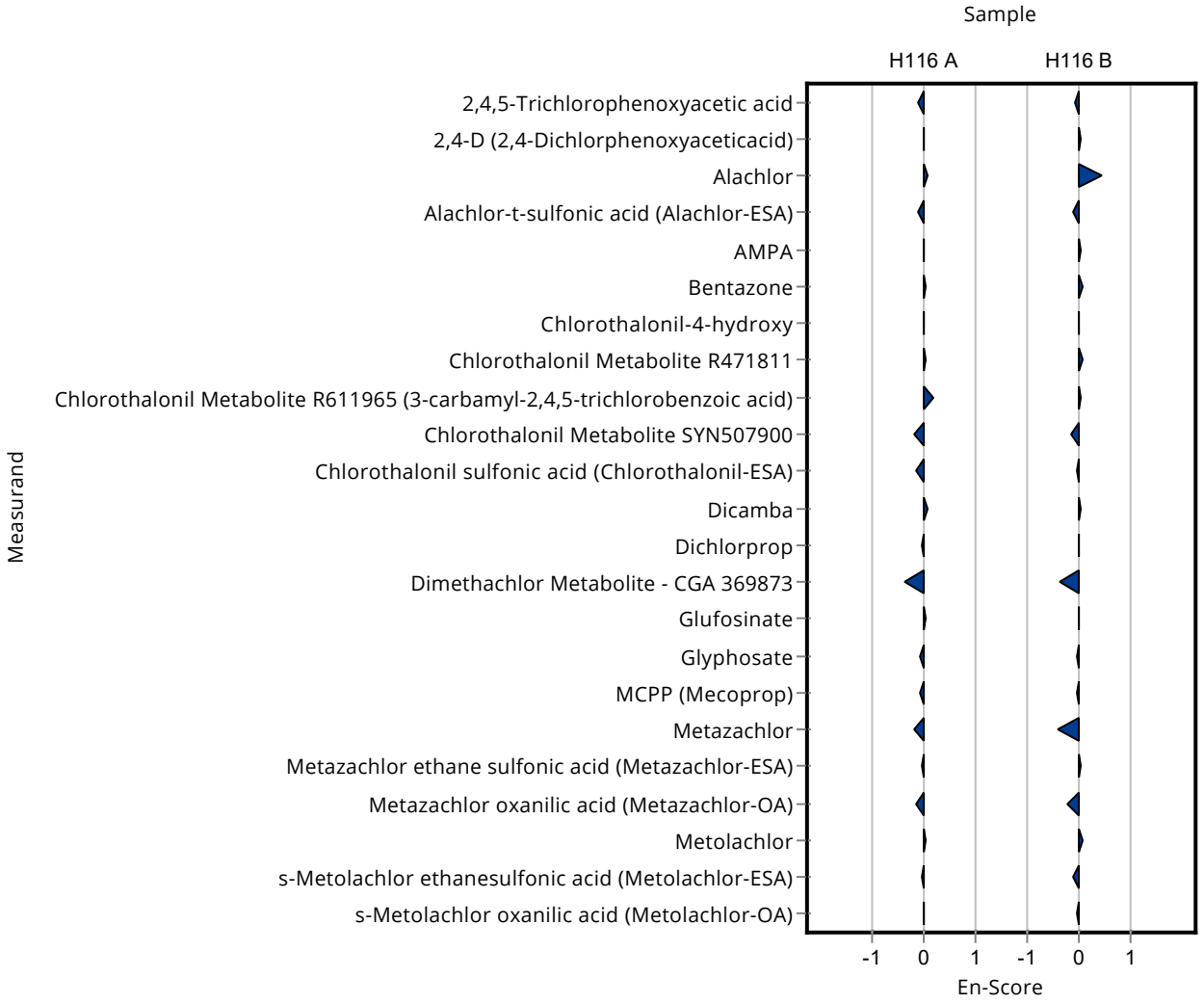
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.6 ± 0.24	0.114	94.5	-0.07
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.773 ± 0.309	0.107	102	0.02
Alachlor	µg/l	0.405 ± 0.0158	0.429 ± 0.0259	0.0487	106	0.43
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.512 ± 0.205	0.153	90.6	-0.13
AMPA	µg/l	0.621 ± 0.0318	0.634 ± 0.254	0.0808	102	0.02
Bentazone	µg/l	0.551 ± 0.0202	0.575 ± 0.23	0.0826	104	0.05
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.899 ± 0.36	0.0911	98.7	-0.02
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.537 ± 0.215	0.0757	106	0.07
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.508 ± 0.203	0.05	102	0.02
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.466 ± 0.186	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.604 ± 0.242	0.0755	88	-0.17

Summary of results Pesticides H116 - En-Score

Labcode: LC0008

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.717 ± 0.287	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.594 ± 0.238	0.0611	97.2	-0.04
Dicamba	µg/l	0.626 ± 0.0445	0.634 ± 0.254	0.125	101	0.02
Dichlorprop	µg/l	0.502 ± 0.0113	0.504 ± 0.202	0.0602	100	0.00
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.471 ± 0.0424	0.0811	92.9	-0.38
Glufosinate	µg/l	0.254 ± 0.0247	0.255 ± 0.102	0.0865	100	0.00
Glyphosate	µg/l	0.528 ± 0.0292	0.51 ± 0.204	0.106	96.6	-0.04
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.568 ± 0.227	0.0761	97	-0.04
Metazachlor	µg/l	0.588 ± 0.0262	0.521 ± 0.0782	0.0705	88.7	-0.42
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.438 ± 0.175	0.082	101	0.02
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.605 ± 0.242	0.149	85.2	-0.22
Metolachlor	µg/l	0.772 ± 0.0234	0.797 ± 0.144	0.116	103	0.09
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.507 ± 0.203	0.109	92.7	-0.10
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.58 ± 0.232	0.0835	97.2	-0.04


Sample
H116 A
H116 B
Measurand
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
Alachlor-t-sulfonic acid (Alachlor-ESA)
AMPA
Bentazone
Chlorothalonil-4-hydroxy
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Chlorothalonil Metabolite SYN507900
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dicamba
Dichlorprop
Dimethachlor Metabolite - CGA 369873
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0009

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0009

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0009

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0009

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.274 ± 0.009	0.0458	108	0.42
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.243 ± 0.008	0.0324	105	0.36
Alachlor	µg/l	0.17 ± 0.0095	0.178 ± 0.009	0.0203	105	0.41
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.191 ± 0.017	0.0306	93.7	-0.42
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.218 ± 0.019	0.0296	95.7	-0.33
AMPA	µg/l	0.132 ± 0.00728	0.122 ± 0.015	0.0171	92.8	-0.56
Bentazone	µg/l	0.24 ± 0.00899	0.239 ± 0.008	0.0361	99.4	-0.04
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.275 ± 0.008	0.0573	96	-0.20
Dichlorprop	µg/l	0.154 ± 0.0034	0.153 ± 0.005	0.0185	99.2	-0.07
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.452 ± 0.003	0.0565	87.9	-1.10
Glufosinate	µg/l	0.128 ± 0.0187	0.151 ± 0.009	0.0436	118	0.52
Glyphosate	µg/l	0.191 ± 0.0114	0.212 ± 0.009	0.0382	111	0.56
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.223 ± 0.01	0.0277	104	0.34
Metazachlor	µg/l	0.122 ± 0.00493	0.127 ± 0.003	0.0146	104	0.35
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.194 ± 0.008	0.0341	108	0.43
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.248 ± 0.007	0.0569	91.5	-0.41

Summary of results Pesticides H116

Labcode: LC0010

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.242 ± 0.009	0.0339	107	0.47
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.238 ± 0.005	0.0453	105	0.25
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.134 ± 0.003	0.0191	98.5	-0.11

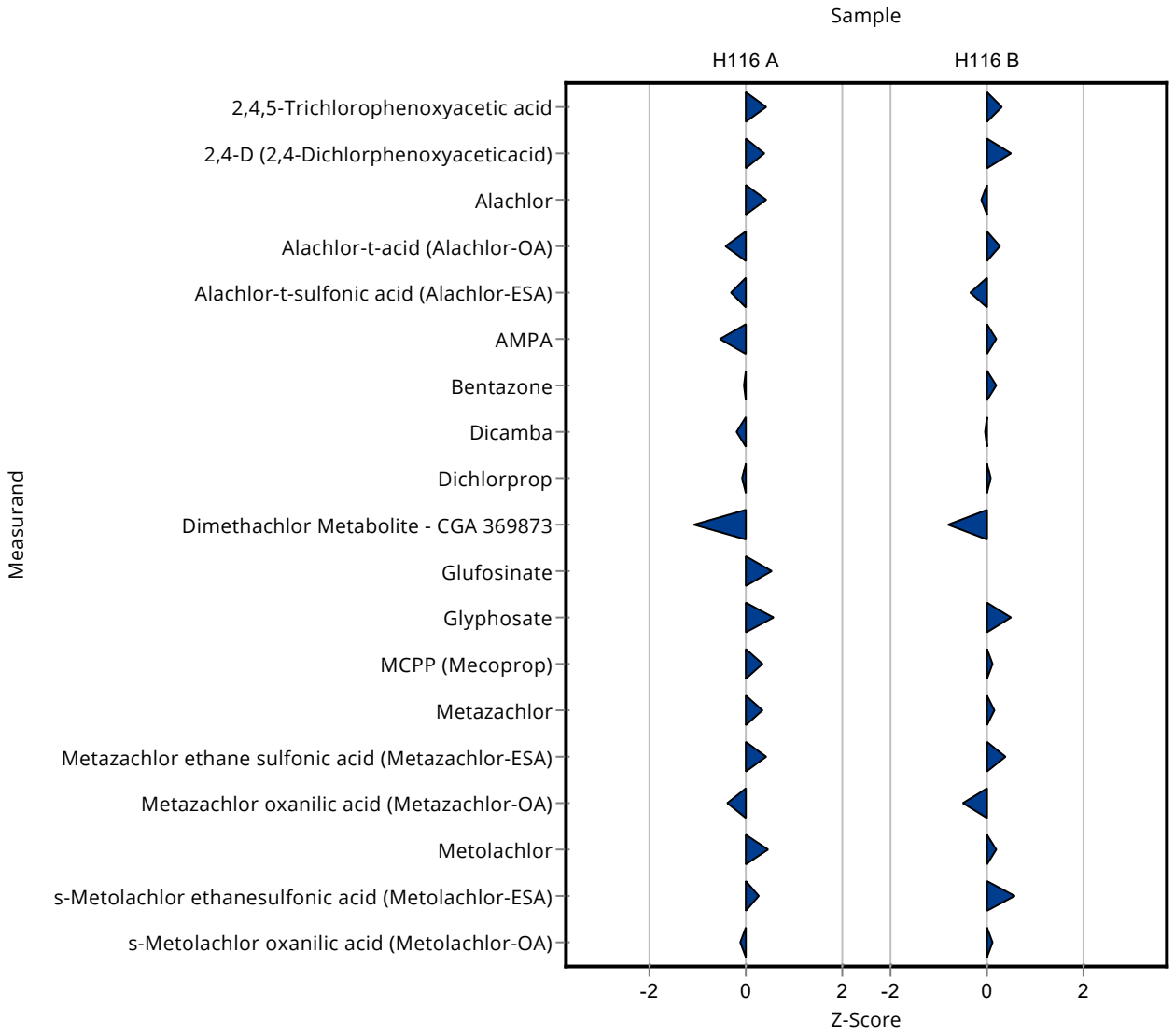
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.673 ± 0.019	0.114	106	0.33
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.816 ± 0.018	0.107	107	0.51
Alachlor	µg/l	0.405 ± 0.0158	0.4 ± 0.009	0.0487	98.6	-0.11
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.586 ± 0.035	0.152	108	0.28
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.513 ± 0.022	0.153	90.8	-0.34
AMPA	µg/l	0.621 ± 0.0318	0.638 ± 0.032	0.0808	103	0.21
Bentazone	µg/l	0.551 ± 0.0202	0.567 ± 0.016	0.0826	103	0.19
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.621 ± 0.017	0.125	99.2	-0.04
Dichlorprop	µg/l	0.502 ± 0.0113	0.506 ± 0.011	0.0602	101	0.07
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.443 ± 0.003	0.0811	87.4	-0.79
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.581 ± 0.019	0.106	110	0.50

Summary of results Pesticides H116

Labcode: LC0010

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.596 ± 0.021	0.0761	102	0.14
Metazachlor	µg/l	0.588 ± 0.0262	0.6 ± 0.006	0.0705	102	0.18
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.465 ± 0.009	0.082	108	0.41
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.636 ± 0.014	0.149	89.6	-0.49
Metolachlor	µg/l	0.772 ± 0.0234	0.795 ± 0.02	0.116	103	0.20
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.609 ± 0.011	0.109	111	0.57
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.606 ± 0.006	0.0835	102	0.11



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.274 ± 0.009	0.0458	108	0.83
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.243 ± 0.008	0.0324	105	0.64
Alachlor	µg/l	0.17 ± 0.0095	0.178 ± 0.009	0.0203	105	0.41
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.191 ± 0.017	0.0306	93.7	-0.36
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.218 ± 0.019	0.0296	95.7	-0.22
AMPA	µg/l	0.132 ± 0.00728	0.122 ± 0.015	0.0171	92.8	-0.31
Bentazone	µg/l	0.24 ± 0.00899	0.239 ± 0.008	0.0361	99.4	-0.08
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.275 ± 0.008	0.0573	96	-0.40
Dichlorprop	µg/l	0.154 ± 0.0034	0.153 ± 0.005	0.0185	99.2	-0.12
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.452 ± 0.003	0.0565	87.9	-1.87
Glufosinate	µg/l	0.128 ± 0.0187	0.151 ± 0.009	0.0436	118	0.88
Glyphosate	µg/l	0.191 ± 0.0114	0.212 ± 0.009	0.0382	111	1.00

Summary of results Pesticides H116 - En-Score

Labcode: LC0010

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.223 ± 0.01	0.0277	104	0.45
Metazachlor	µg/l	0.122 ± 0.00493	0.127 ± 0.003	0.0146	104	0.65
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.194 ± 0.008	0.0341	108	0.84
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.248 ± 0.007	0.0569	91.5	-1.03
Metolachlor	µg/l	0.226 ± 0.00884	0.242 ± 0.009	0.0339	107	0.79
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.238 ± 0.005	0.0453	105	0.83
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.134 ± 0.003	0.0191	98.5	-0.26

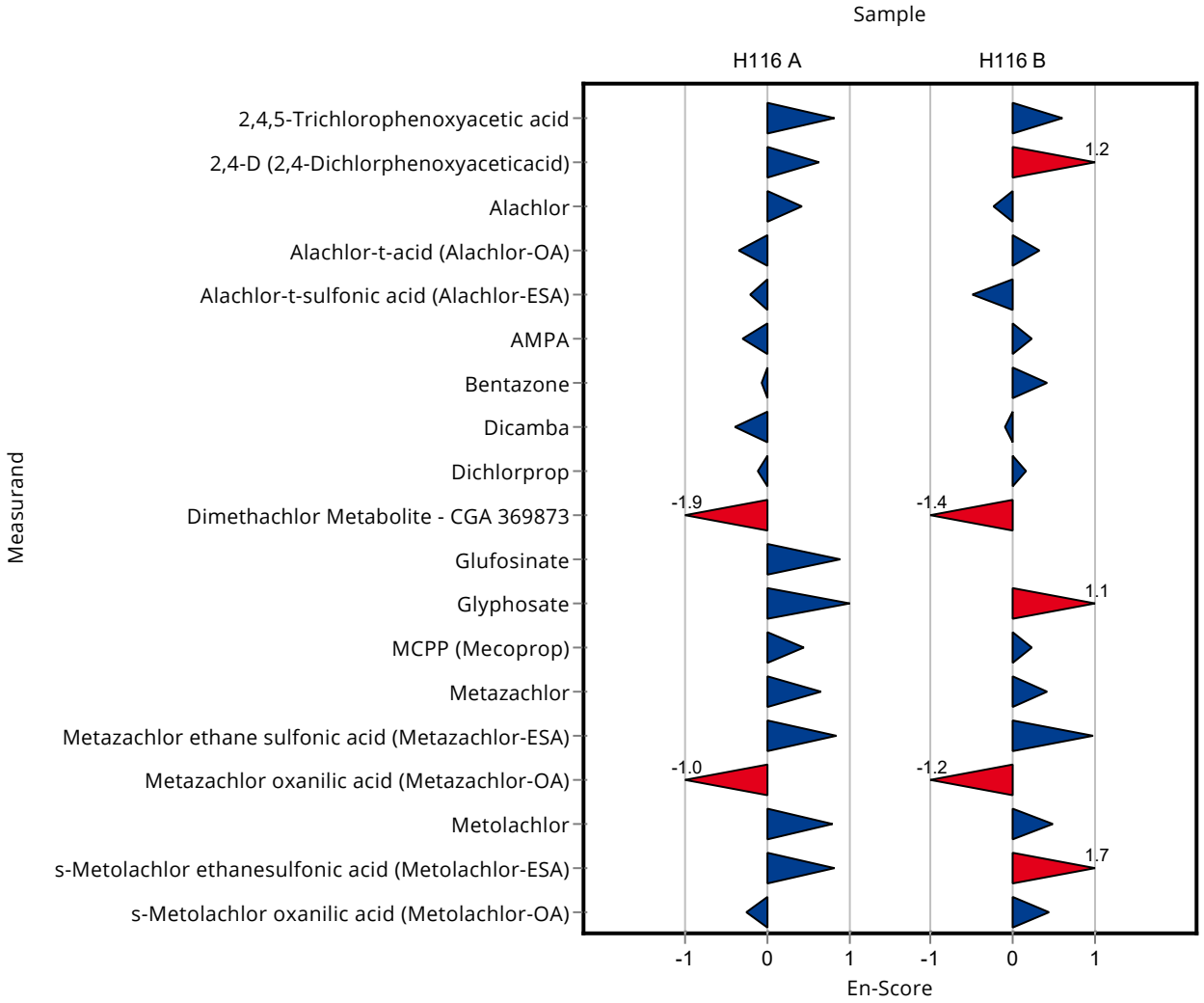
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.673 ± 0.019	0.114	106	0.61
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.816 ± 0.018	0.107	107	1.18
Alachlor	µg/l	0.405 ± 0.0158	0.4 ± 0.009	0.0487	98.6	-0.23
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.586 ± 0.035	0.152	108	0.33
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.513 ± 0.022	0.153	90.8	-0.49
AMPA	µg/l	0.621 ± 0.0318	0.638 ± 0.032	0.0808	103	0.23
Bentazone	µg/l	0.551 ± 0.0202	0.567 ± 0.016	0.0826	103	0.42
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0010

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.621 ± 0.017	0.125	99.2	-0.09
Dichlorprop	µg/l	0.502 ± 0.0113	0.506 ± 0.011	0.0602	101	0.16
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.443 ± 0.003	0.0811	87.4	-1.41
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.581 ± 0.019	0.106	110	1.10
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.596 ± 0.021	0.0761	102	0.22
Metazachlor	µg/l	0.588 ± 0.0262	0.6 ± 0.006	0.0705	102	0.43
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.465 ± 0.009	0.082	108	0.99
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.636 ± 0.014	0.149	89.6	-1.22
Metolachlor	µg/l	0.772 ± 0.0234	0.795 ± 0.02	0.116	103	0.50
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.609 ± 0.011	0.109	111	1.71
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.606 ± 0.006	0.0835	102	0.44


Sample
H116 A
H116 B
Measurand
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
Alachlor-t-acid (Alachlor-OA)
Alachlor-t-sulfonic acid (Alachlor-ESA)
AMPA
Bentazone
Dicamba
Dichlorprop
Dimethachlor Metabolite - CGA 369873
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
1.2
-1.9
-1.4
1.1
-1.0
-1.2
1.7
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.2021 ± 0.0502	0.0277	94.7	-0.41
Metazachlor	µg/l	0.122 ± 0.00493	0.2129 ± 0.0282	0.0146	175	6.22
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.1881 ± 0.047	0.0341	105	0.26
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.2923 ± 0.0731	0.0569	108	0.37

Summary of results Pesticides H116

Labcode: LC0011

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.2295 ± 0.0574	0.0339	101	0.10
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.2092 ± 0.0522	0.0453	92.3	-0.38
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.1399 ± 0.035	0.0191	103	0.20

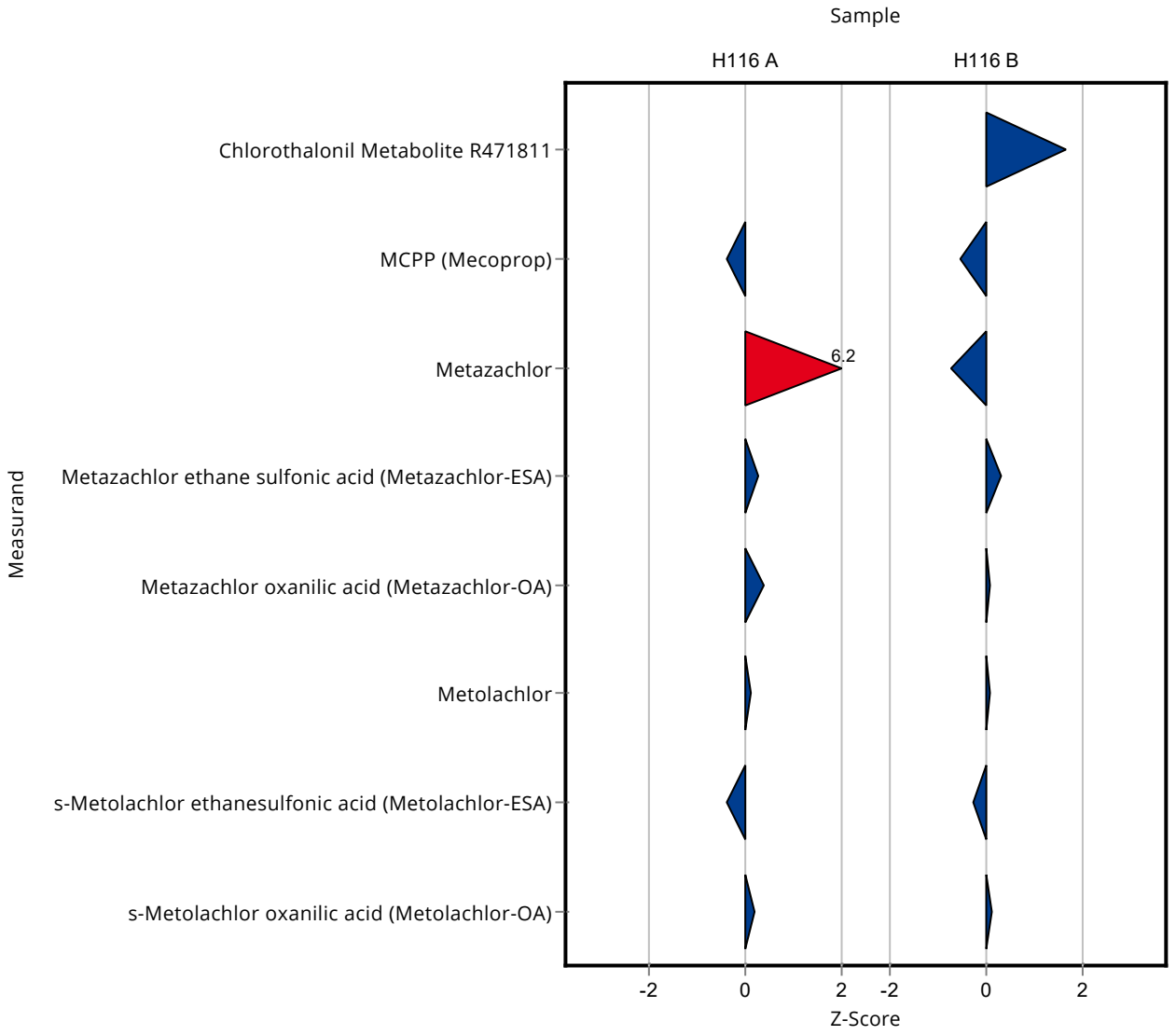
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.6299 ± 0.1887	0.0757	125	1.65
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0011

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.5443 ± 0.1361	0.0761	92.9	-0.54
Metazachlor	µg/l	0.588 ± 0.0262	0.5363 ± 0.1341	0.0705	91.3	-0.73
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.4585 ± 0.1146	0.082	106	0.33
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.7212 ± 0.1958	0.149	102	0.08
Metolachlor	µg/l	0.772 ± 0.0234	0.7834 ± 0.1296	0.116	102	0.10
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.5185 ± 0.1296	0.109	94.8	-0.26
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.6068 ± 0.1517	0.0835	102	0.12



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0011

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.2021 ± 0.0502	0.0277	94.7	-0.11
Metazachlor	µg/l	0.122 ± 0.00493	0.2129 ± 0.0282	0.0146	175	1.61
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.1881 ± 0.047	0.0341	105	0.09
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.2923 ± 0.0731	0.0569	108	0.14
Metolachlor	µg/l	0.226 ± 0.00884	0.2295 ± 0.0574	0.0339	101	0.03
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.2092 ± 0.0522	0.0453	92.3	-0.17
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.1399 ± 0.035	0.0191	103	0.05

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.6299 ± 0.1887	0.0757	125	0.33
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

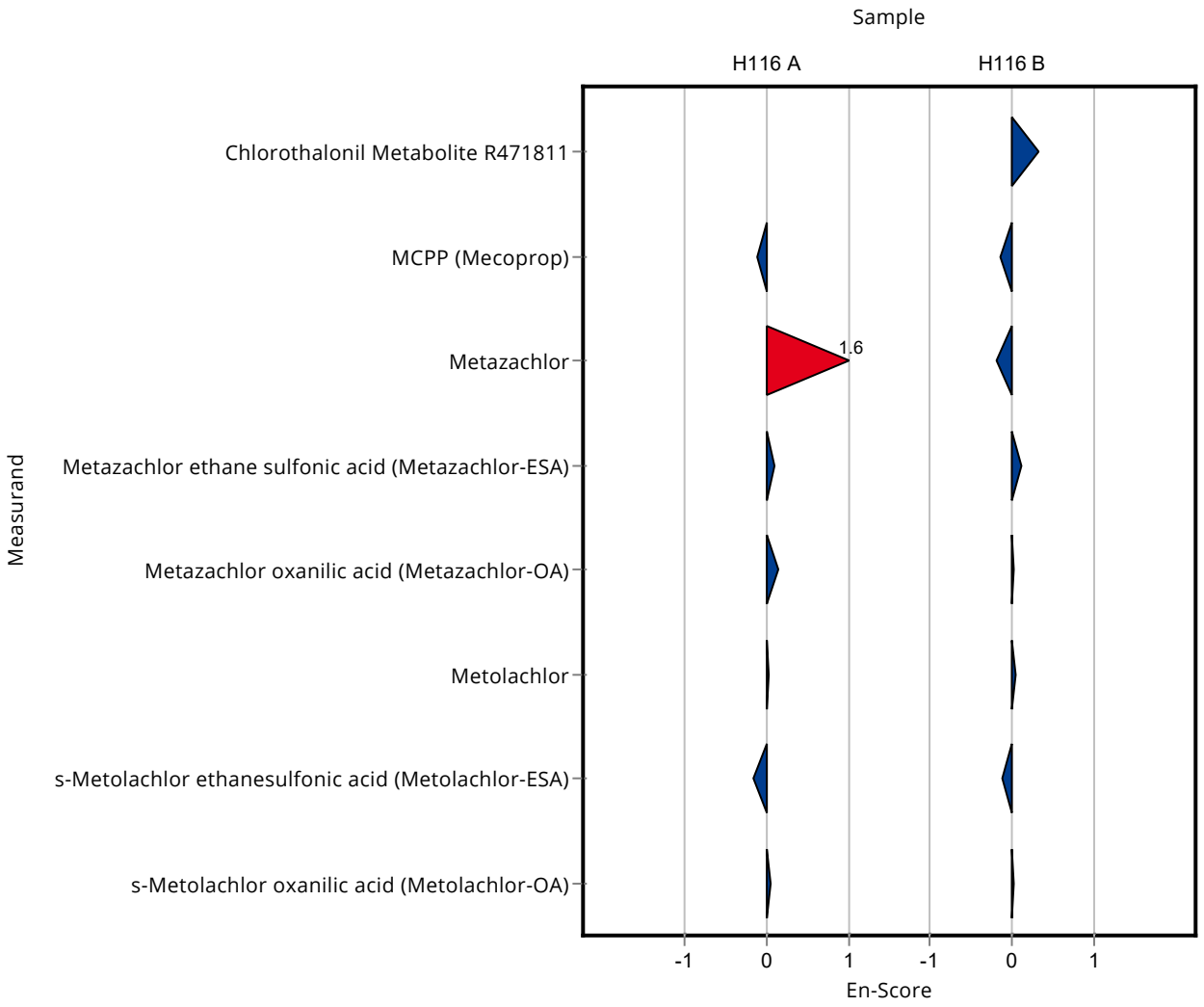
Summary of results Pesticides H116 - En-Score

Labcode: LC0011

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.5443 ± 0.1361	0.0761	92.9	-0.15
Metazachlor	µg/l	0.588 ± 0.0262	0.5363 ± 0.1341	0.0705	91.3	-0.19
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.4585 ± 0.1146	0.082	106	0.12
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.7212 ± 0.1958	0.149	102	0.03
Metolachlor	µg/l	0.772 ± 0.0234	0.7834 ± 0.1296	0.116	102	0.04
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.5185 ± 0.1296	0.109	94.8	-0.11
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.6068 ± 0.1517	0.0835	102	0.03

Summary of results Pesticides H116 - En-Score

Labcode: LC0011



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.2724 ± 0.109	0.0458	107	0.39
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.2501 ± 0.1	0.0324	108	0.58
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.125 ± 0.0375	0.0171	95	-0.38
Bentazone	µg/l	0.24 ± 0.00899	0.2565 ± 0.103	0.0361	107	0.45
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.1789 ± 0.054	0.0185	116	1.33
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.187 ± 0.0561	0.0382	98	-0.10
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.2154 ± 0.086	0.0277	101	0.07
Metazachlor	µg/l	0.122 ± 0.00493	0.1322 ± 0.053	0.0146	108	0.70
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0012

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.2895 ± 0.116	0.0339	128	1.87
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

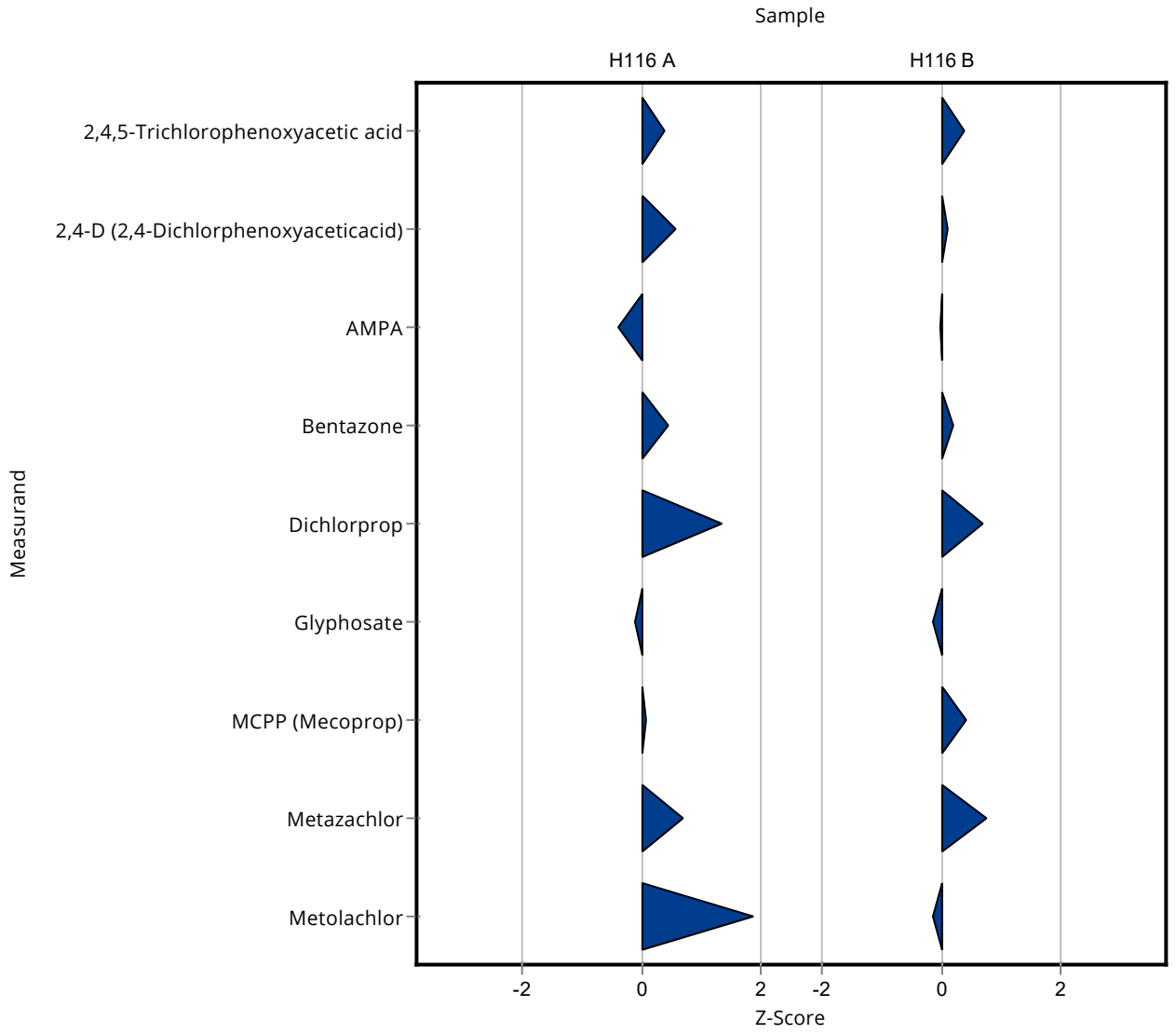
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.6777 ± 0.271	0.114	107	0.37
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.7733 ± 0.309	0.107	102	0.11
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.621 ± 0.1863	0.0808	99.9	-0.01
Bentazone	µg/l	0.551 ± 0.0202	0.5679 ± 0.227	0.0826	103	0.20
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.5443 ± 0.218	0.0602	108	0.70
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.513 ± 0.154	0.106	97.1	-0.14

Summary of results Pesticides H116

Labcode: LC0012

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.6184 ± 0.247	0.0761	106	0.43
Metazachlor	µg/l	0.588 ± 0.0262	0.6402 ± 0.256	0.0705	109	0.75
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.7558 ± 0.302	0.116	97.9	-0.14
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.2724 ± 0.109	0.0458	107	0.08
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.2501 ± 0.1	0.0324	108	0.09
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.125 ± 0.0375	0.0171	95	-0.09
Bentazone	µg/l	0.24 ± 0.00899	0.2565 ± 0.103	0.0361	107	0.08
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.1789 ± 0.054	0.0185	116	0.23
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.187 ± 0.0561	0.0382	98	-0.03

Summary of results Pesticides H116 - En-Score

Labcode: LC0012

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.2154 ± 0.086	0.0277	101	0.01
Metazachlor	µg/l	0.122 ± 0.00493	0.1322 ± 0.053	0.0146	108	0.10
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.2895 ± 0.116	0.0339	128	0.27
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

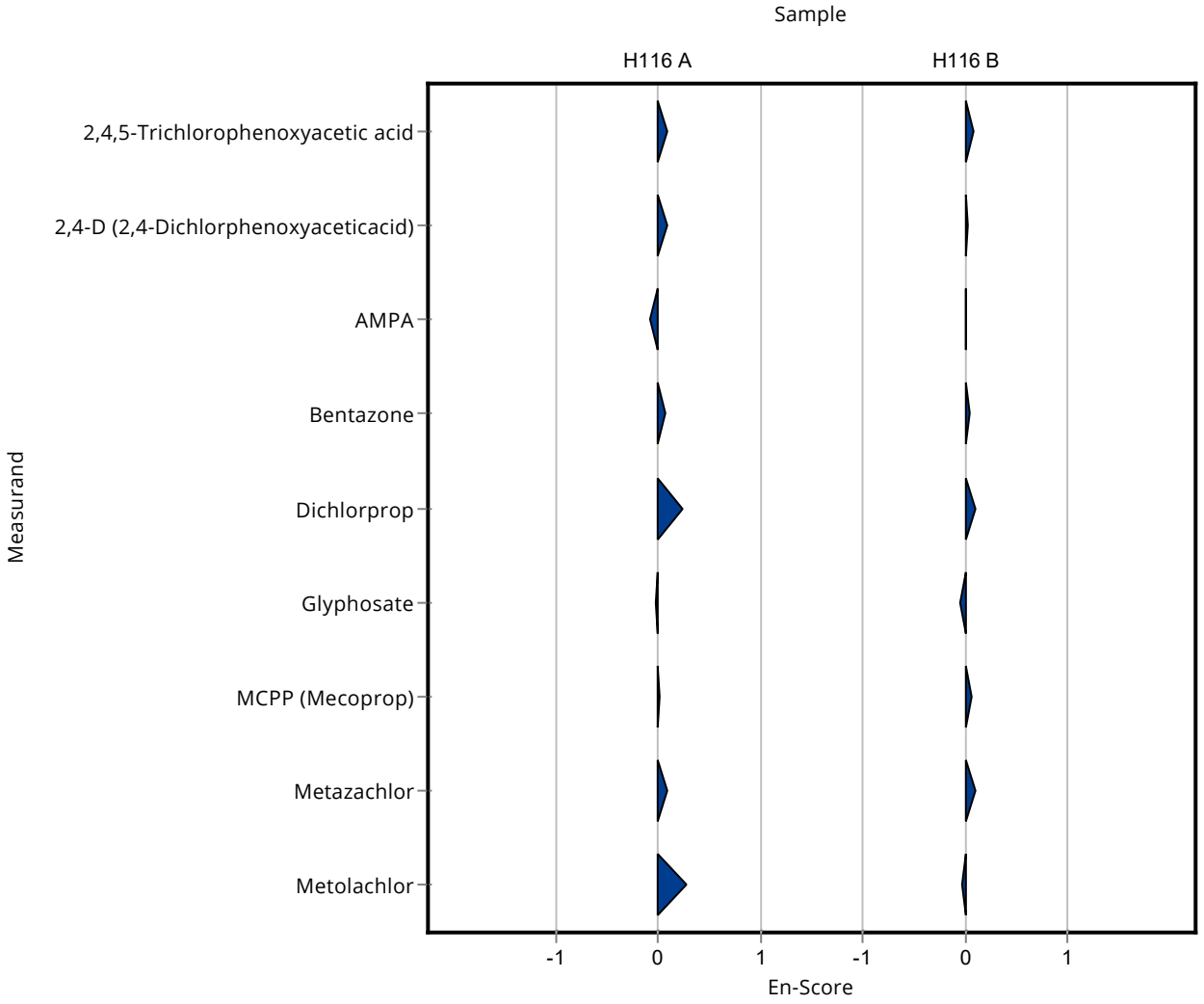
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.6777 ± 0.271	0.114	107	0.08
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.7733 ± 0.309	0.107	102	0.02
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.621 ± 0.1863	0.0808	99.9	0.00
Bentazone	µg/l	0.551 ± 0.0202	0.5679 ± 0.227	0.0826	103	0.04
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0012

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.5443 ± 0.218	0.0602	108	0.10
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.513 ± 0.154	0.106	97.1	-0.05
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.6184 ± 0.247	0.0761	106	0.07
Metazachlor	µg/l	0.588 ± 0.0262	0.6402 ± 0.256	0.0705	109	0.10
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.7558 ± 0.302	0.116	97.9	-0.03
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
AMPA
Bentazone
Dichlorprop
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metolachlor
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.255 ± 0.019	0.0458	100	0.01
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.245 ± 0.018	0.0324	106	0.43
Alachlor	µg/l	0.17 ± 0.0095	0.17 ± 0.013	0.0203	100	0.02
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.206 ± 0.015	0.0306	101	0.07
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.258 ± 0.019	0.0296	113	1.02
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.246 ± 0.018	0.0361	102	0.16
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.281 ± 0.021	0.0573	98.1	-0.09
Dichlorprop	µg/l	0.154 ± 0.0034	0.168 ± 0.013	0.0185	109	0.74
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.546 ± 0.041	0.0565	106	0.56
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.23 ± 0.017	0.0277	108	0.60
Metazachlor	µg/l	0.122 ± 0.00493	0.13 ± 0.01	0.0146	107	0.55
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.193 ± 0.014	0.0341	108	0.40
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.149 ± 0.011	0.0569	55	-2.15

Summary of results Pesticides H116

Labcode: LC0013

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.262 ± 0.02	0.0339	116	1.06
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.232 ± 0.017	0.0453	102	0.12
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.149 ± 0.011	0.0191	109	0.68

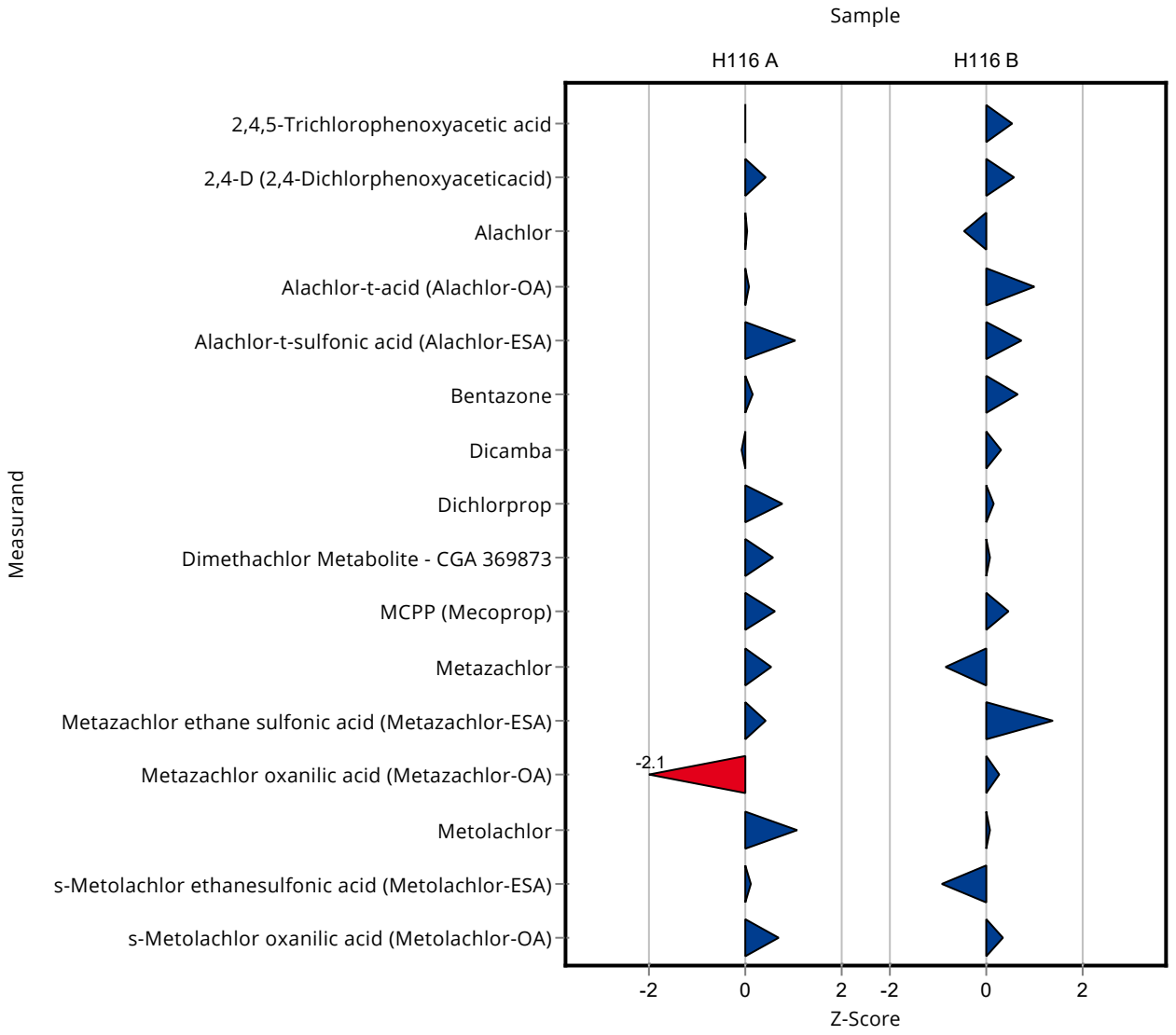
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.698 ± 0.052	0.114	110	0.55
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.824 ± 0.062	0.107	108	0.59
Alachlor	µg/l	0.405 ± 0.0158	0.384 ± 0.029	0.0487	94.7	-0.44
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.698 ± 0.052	0.152	128	1.01
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.676 ± 0.051	0.153	120	0.73
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.606 ± 0.045	0.0826	110	0.67
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.665 ± 0.05	0.125	106	0.31
Dichlorprop	µg/l	0.502 ± 0.0113	0.512 ± 0.038	0.0602	102	0.17
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.515 ± 0.039	0.0811	102	0.10
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0013

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.623 ± 0.047	0.0761	106	0.49
Metazachlor	µg/l	0.588 ± 0.0262	0.528 ± 0.04	0.0705	89.9	-0.84
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.545 ± 0.041	0.082	126	1.38
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.751 ± 0.056	0.149	106	0.28
Metolachlor	µg/l	0.772 ± 0.0234	0.78 ± 0.059	0.116	101	0.07
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.447 ± 0.034	0.109	81.7	-0.91
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.625 ± 0.047	0.0835	105	0.34



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.255 ± 0.019	0.0458	100	0.01
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.245 ± 0.018	0.0324	106	0.37
Alachlor	µg/l	0.17 ± 0.0095	0.17 ± 0.013	0.0203	100	0.02
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.206 ± 0.015	0.0306	101	0.07
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.258 ± 0.019	0.0296	113	0.67
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.246 ± 0.018	0.0361	102	0.15
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.281 ± 0.021	0.0573	98.1	-0.11
Dichlorprop	µg/l	0.154 ± 0.0034	0.168 ± 0.013	0.0185	109	0.53
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.546 ± 0.041	0.0565	106	0.36
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0013

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.23 ± 0.017	0.0277	108	0.47
Metazachlor	µg/l	0.122 ± 0.00493	0.13 ± 0.01	0.0146	107	0.39
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.193 ± 0.014	0.0341	108	0.47
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.149 ± 0.011	0.0569	55	-4.34
Metolachlor	µg/l	0.226 ± 0.00884	0.262 ± 0.02	0.0339	116	0.88
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.232 ± 0.017	0.0453	102	0.15
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.149 ± 0.011	0.0191	109	0.57

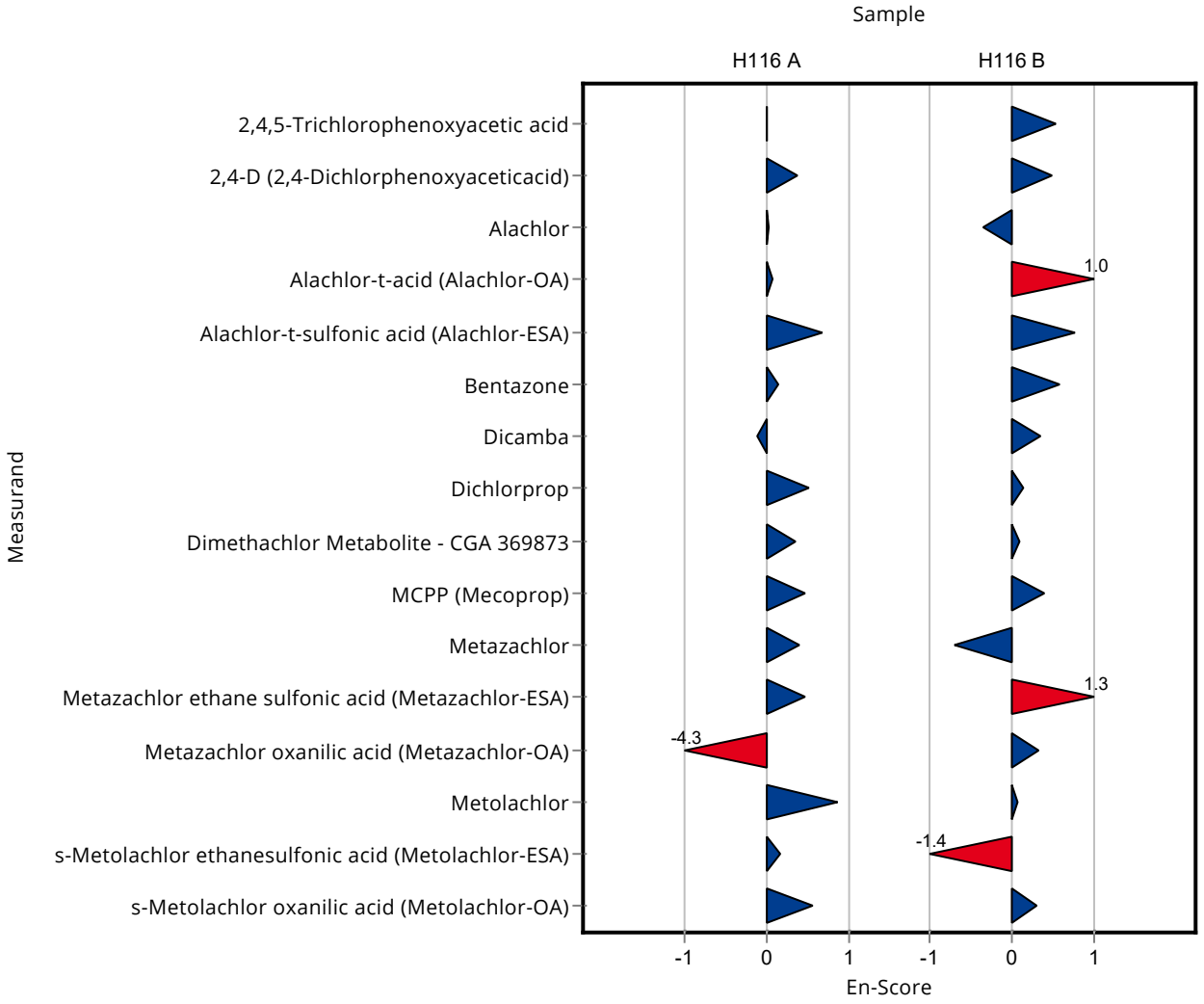
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.698 ± 0.052	0.114	110	0.55
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.824 ± 0.062	0.107	108	0.49
Alachlor	µg/l	0.405 ± 0.0158	0.384 ± 0.029	0.0487	94.7	-0.36
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.698 ± 0.052	0.152	128	1.04
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.676 ± 0.051	0.153	120	0.78
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.606 ± 0.045	0.0826	110	0.60
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0013

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.665 ± 0.05	0.125	106	0.36
Dichlorprop	µg/l	0.502 ± 0.0113	0.512 ± 0.038	0.0602	102	0.13
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.515 ± 0.039	0.0811	102	0.09
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.623 ± 0.047	0.0761	106	0.39
Metazachlor	µg/l	0.588 ± 0.0262	0.528 ± 0.04	0.0705	89.9	-0.71
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.545 ± 0.041	0.082	126	1.30
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.751 ± 0.056	0.149	106	0.33
Metolachlor	µg/l	0.772 ± 0.0234	0.78 ± 0.059	0.116	101	0.07
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.447 ± 0.034	0.109	81.7	-1.35
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.625 ± 0.047	0.0835	105	0.30


Sample
H116 A
H116 B
Measurand
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
Alachlor-t-acid (Alachlor-OA)
Alachlor-t-sulfonic acid (Alachlor-ESA)
Bentazone
Dicamba
Dichlorprop
Dimethachlor Metabolite - CGA 369873
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
1.0
1.3
-4.3
-1.4
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	0.148 ± 0.022	0.0203	87.3	-1.06
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.274 ± 0.041	0.0361	114	0.93
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.109 ± 0.016	0.0146	89.4	-0.88
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0014

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.198 ± 0.03	0.0339	87.6	-0.83
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

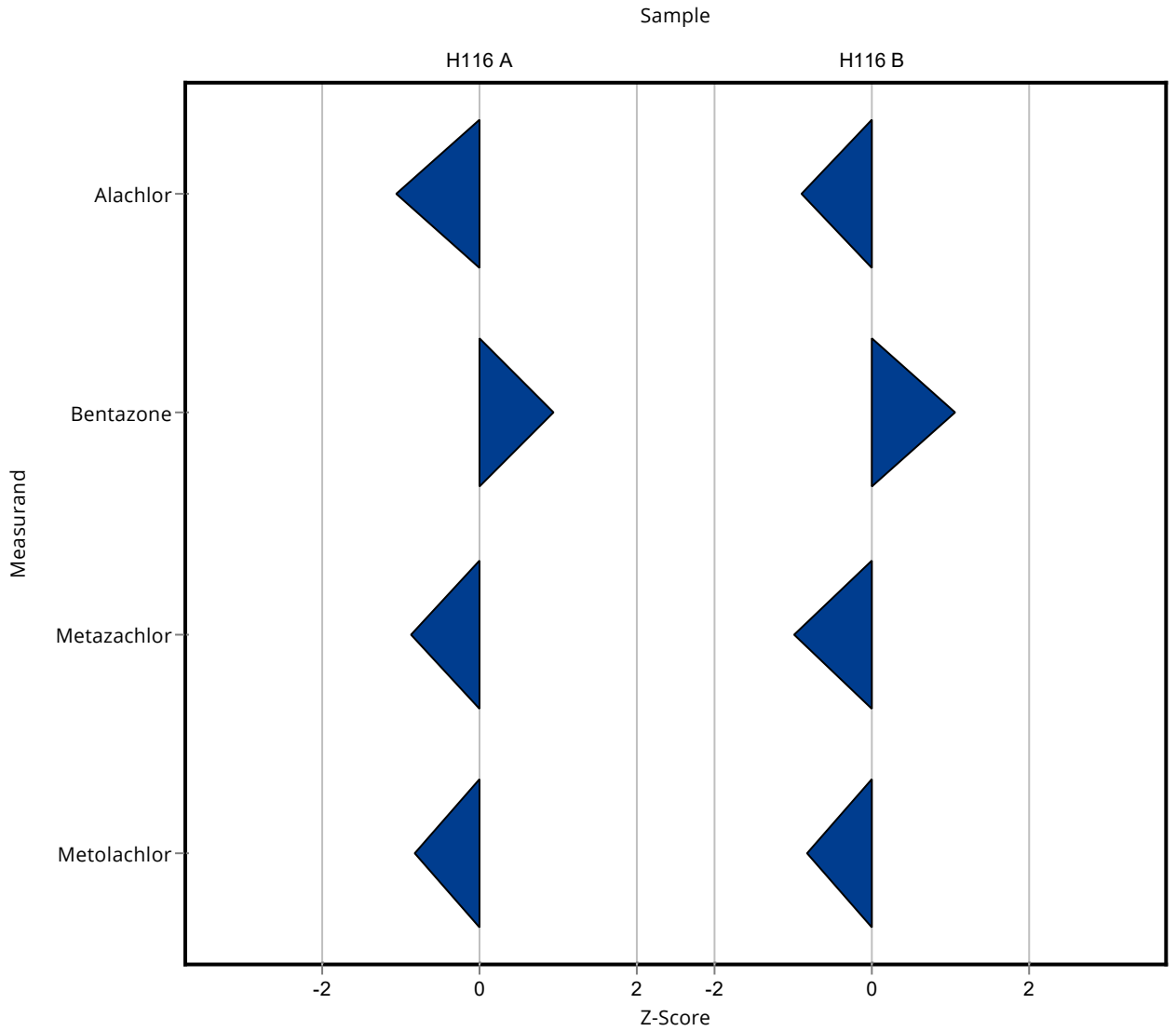
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	0.362 ± 0.054	0.0487	89.3	-0.89
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.638 ± 0.096	0.0826	116	1.05
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0014

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.517 ± 0.078	0.0705	88	-1.00
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.675 ± 0.101	0.116	87.5	-0.84
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	0.148 ± 0.022	0.0203	87.3	-0.48
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.274 ± 0.041	0.0361	114	0.41
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0014

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.109 ± 0.016	0.0146	89.4	-0.40
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.198 ± 0.03	0.0339	87.6	-0.46
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

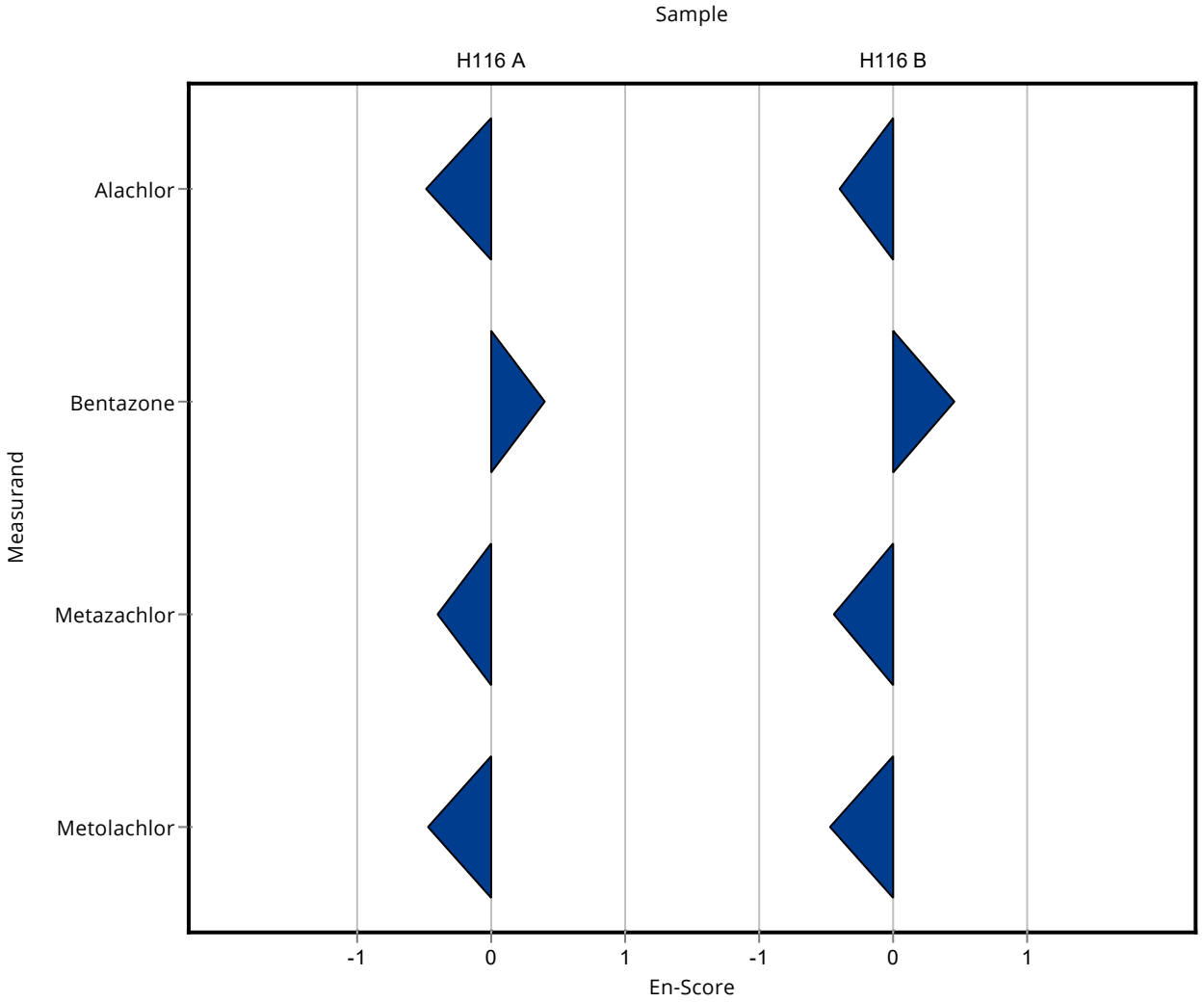
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	0.362 ± 0.054	0.0487	89.3	-0.40
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.638 ± 0.096	0.0826	116	0.45
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0014

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.517 ± 0.078	0.0705	88	-0.45
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.675 ± 0.101	0.116	87.5	-0.48
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
Alachlor
Bentazone
Metazachlor
Metolachlor
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.237 ± 0.072	0.0324	102	0.18
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.244 ± 0.049	0.0361	102	0.10
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.312 ± 0.062	0.033	94.7	-0.53
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.681 ± 0.204	0.0648	105	0.51
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.189 ± 0.038	0.0371	96.8	-0.17
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.27 ± 0.081	0.0316	111	0.85
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.268 ± 0.08	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.126 ± 0.038	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.351 ± 0.126	0.0493	85.5	-1.21
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.148 ± 0.03	0.0185	96	-0.34
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.48 ± 0.144	0.0565	93.4	-0.60
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.208 ± 0.046	0.0277	97.4	-0.20
Metazachlor	µg/l	0.122 ± 0.00493	0.121 ± 0.024	0.0146	99.2	-0.06
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.174 ± 0.035	0.0341	97.1	-0.16
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.266 ± 0.067	0.0569	98.1	-0.09

Summary of results Pesticides H116

Labcode: LC0015

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.228 ± 0.046	0.0339	101	0.06
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.218 ± 0.044	0.0453	96.2	-0.19
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.146 ± 0.038	0.0191	107	0.52

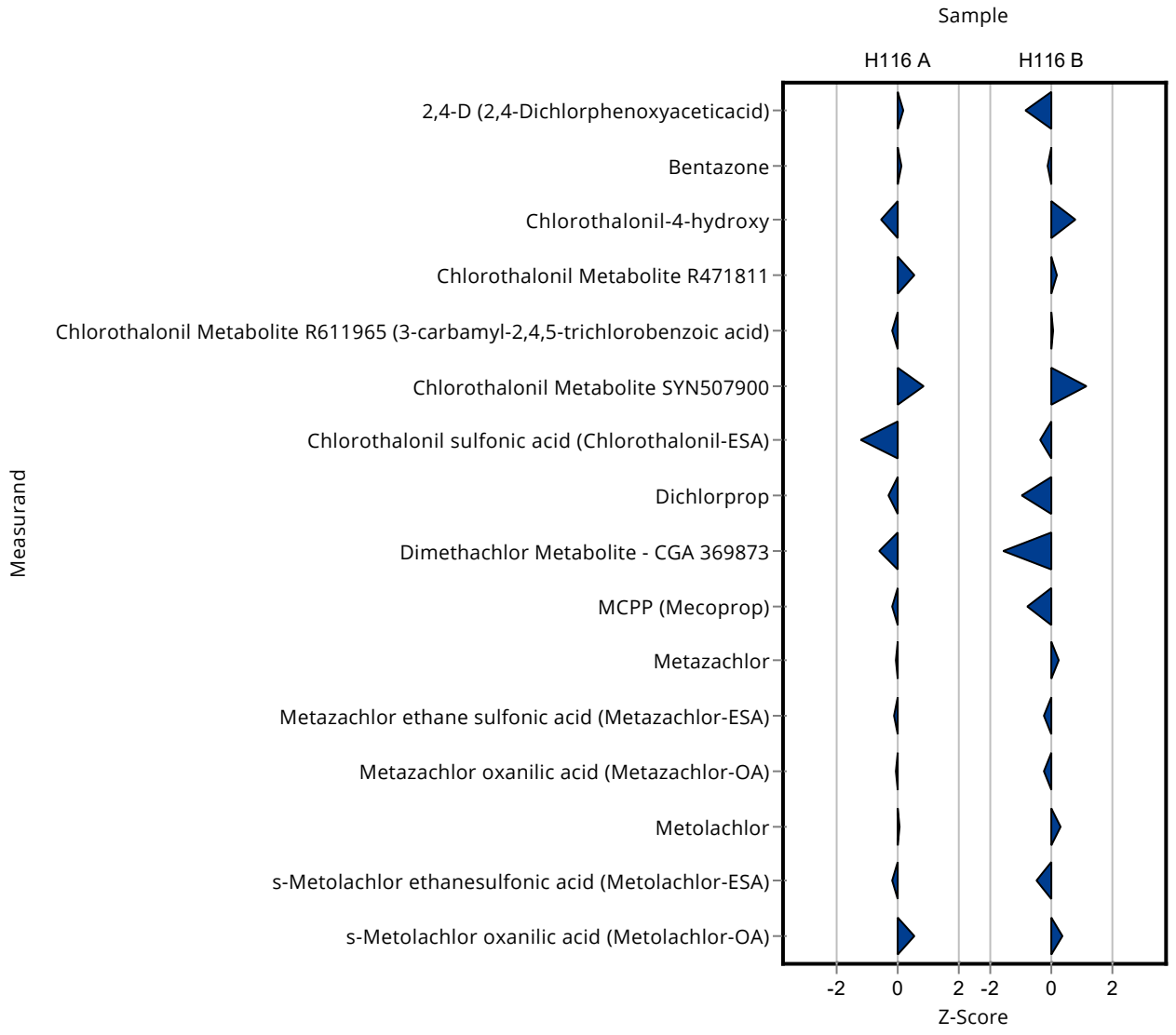
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.67 ± 0.204	0.107	88	-0.86
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.542 ± 0.108	0.0826	98.4	-0.11
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.983 ± 0.197	0.0911	108	0.79
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.521 ± 0.156	0.0757	103	0.22
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.503 ± 0.101	0.05	101	0.05
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.772 ± 0.232	0.0755	112	1.13
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.464 ± 0.139	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.46 ± 0.138	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.588 ± 0.212	0.0611	96.2	-0.38
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.445 ± 0.089	0.0602	88.6	-0.95
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.382 ± 0.114	0.0811	75.3	-1.54
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0015

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.525 ± 0.116	0.0761	89.6	-0.80
Metazachlor	µg/l	0.588 ± 0.0262	0.605 ± 0.121	0.0705	103	0.25
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.41 ± 0.082	0.082	95	-0.27
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.672 ± 0.17	0.149	94.7	-0.25
Metolachlor	µg/l	0.772 ± 0.0234	0.804 ± 0.161	0.116	104	0.28
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.497 ± 0.099	0.109	90.9	-0.46
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.628 ± 0.162	0.0835	105	0.38



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.237 ± 0.072	0.0324	102	0.04
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.244 ± 0.049	0.0361	102	0.04
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.312 ± 0.062	0.033	94.7	-0.14
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.681 ± 0.204	0.0648	105	0.08
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.189 ± 0.038	0.0371	96.8	-0.08
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.27 ± 0.081	0.0316	111	0.16
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.268 ± 0.08	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.126 ± 0.038	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.351 ± 0.126	0.0493	85.5	-0.24
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.148 ± 0.03	0.0185	96	-0.10
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.48 ± 0.144	0.0565	93.4	-0.12
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0015

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.208 ± 0.046	0.0277	97.4	-0.06
Metazachlor	µg/l	0.122 ± 0.00493	0.121 ± 0.024	0.0146	99.2	-0.02
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.174 ± 0.035	0.0341	97.1	-0.08
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.266 ± 0.067	0.0569	98.1	-0.04
Metolachlor	µg/l	0.226 ± 0.00884	0.228 ± 0.046	0.0339	101	0.02
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.218 ± 0.044	0.0453	96.2	-0.10
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.146 ± 0.038	0.0191	107	0.13

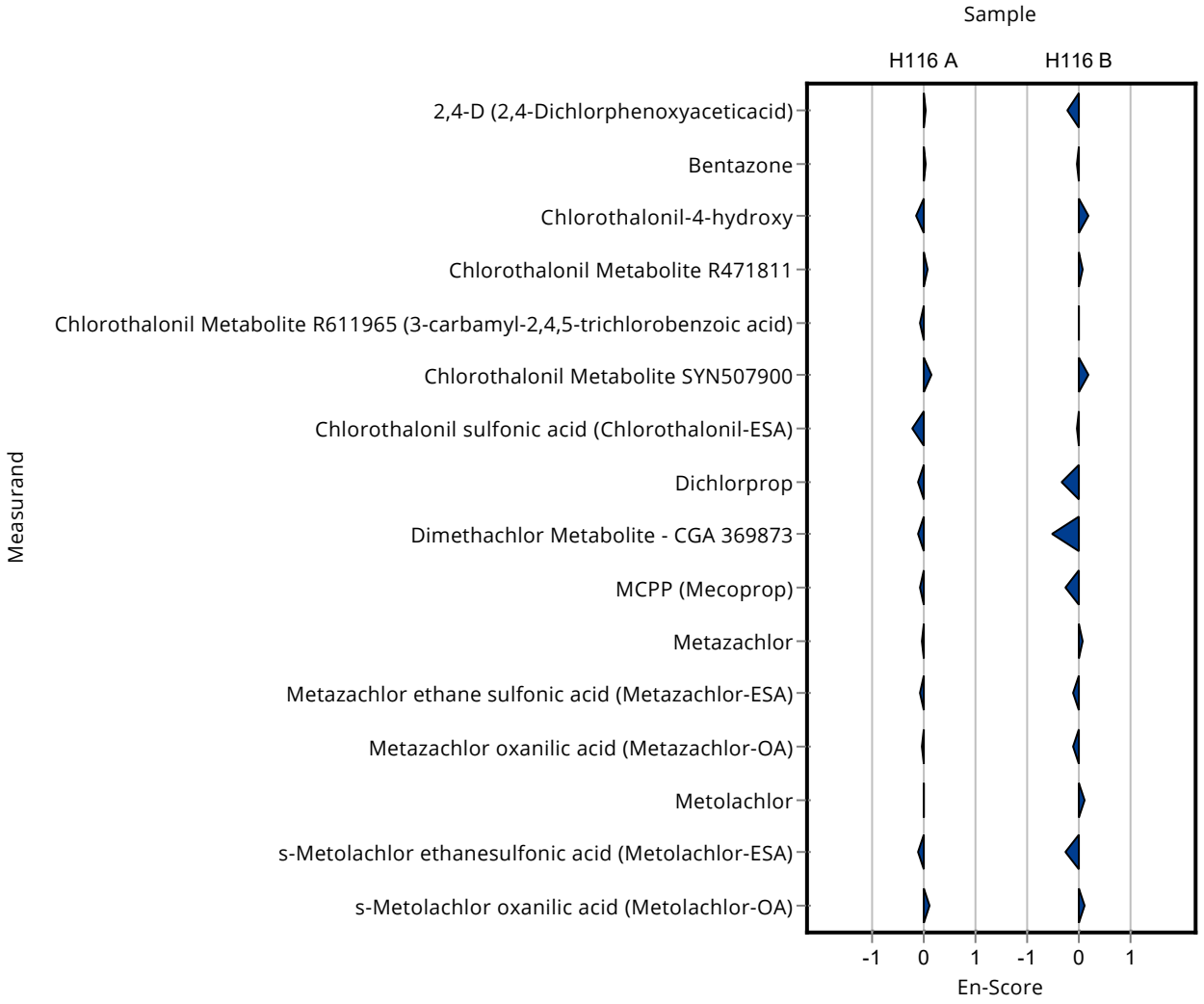
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.67 ± 0.204	0.107	88	-0.22
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.542 ± 0.108	0.0826	98.4	-0.04
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.983 ± 0.197	0.0911	108	0.18
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.521 ± 0.156	0.0757	103	0.05
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.503 ± 0.101	0.05	101	0.01
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.772 ± 0.232	0.0755	112	0.18

Summary of results Pesticides H116 - En-Score

Labcode: LC0015

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	0.464 ± 0.139	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.46 ± 0.138	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.588 ± 0.212	0.0611	96.2	-0.05
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.445 ± 0.089	0.0602	88.6	-0.32
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.382 ± 0.114	0.0811	75.3	-0.54
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.525 ± 0.116	0.0761	89.6	-0.26
Metazachlor	µg/l	0.588 ± 0.0262	0.605 ± 0.121	0.0705	103	0.07
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.41 ± 0.082	0.082	95	-0.13
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.672 ± 0.17	0.149	94.7	-0.11
Metolachlor	µg/l	0.772 ± 0.0234	0.804 ± 0.161	0.116	104	0.10
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.497 ± 0.099	0.109	90.9	-0.25
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.628 ± 0.162	0.0835	105	0.10


Sample
H116 A
H116 B
2,4-D (2,4-Dichlorphenoxyaceticacid)
Bentazone
Chlorothalonil-4-hydroxy
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Chlorothalonil Metabolite SYN507900
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dichlorprop
Dimethachlor Metabolite - CGA 369873
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.24 ± 0.06	0.0458	94.3	-0.32
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.234 ± 0.073	0.0324	101	0.09
Alachlor	µg/l	0.17 ± 0.0095	0.163 ± 0.033	0.0203	96.1	-0.32
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.075 ± 0.015	0.0171	57	-3.31
Bentazone	µg/l	0.24 ± 0.00899	0.246 ± 0.069	0.0361	102	0.16
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.302 ± 0.091	0.0573	105	0.27
Dichlorprop	µg/l	0.154 ± 0.0034	0.152 ± 0.043	0.0185	98.6	-0.12
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.13 ± 0.039	0.0436	101	0.04
Glyphosate	µg/l	0.191 ± 0.0114	0.177 ± 0.035	0.0382	92.8	-0.36
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.212 ± 0.061	0.0277	99.3	-0.05
Metazachlor	µg/l	0.122 ± 0.00493	0.116 ± 0.038	0.0146	95.1	-0.41
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0016

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.216 ± 0.032	0.0339	95.5	-0.30
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

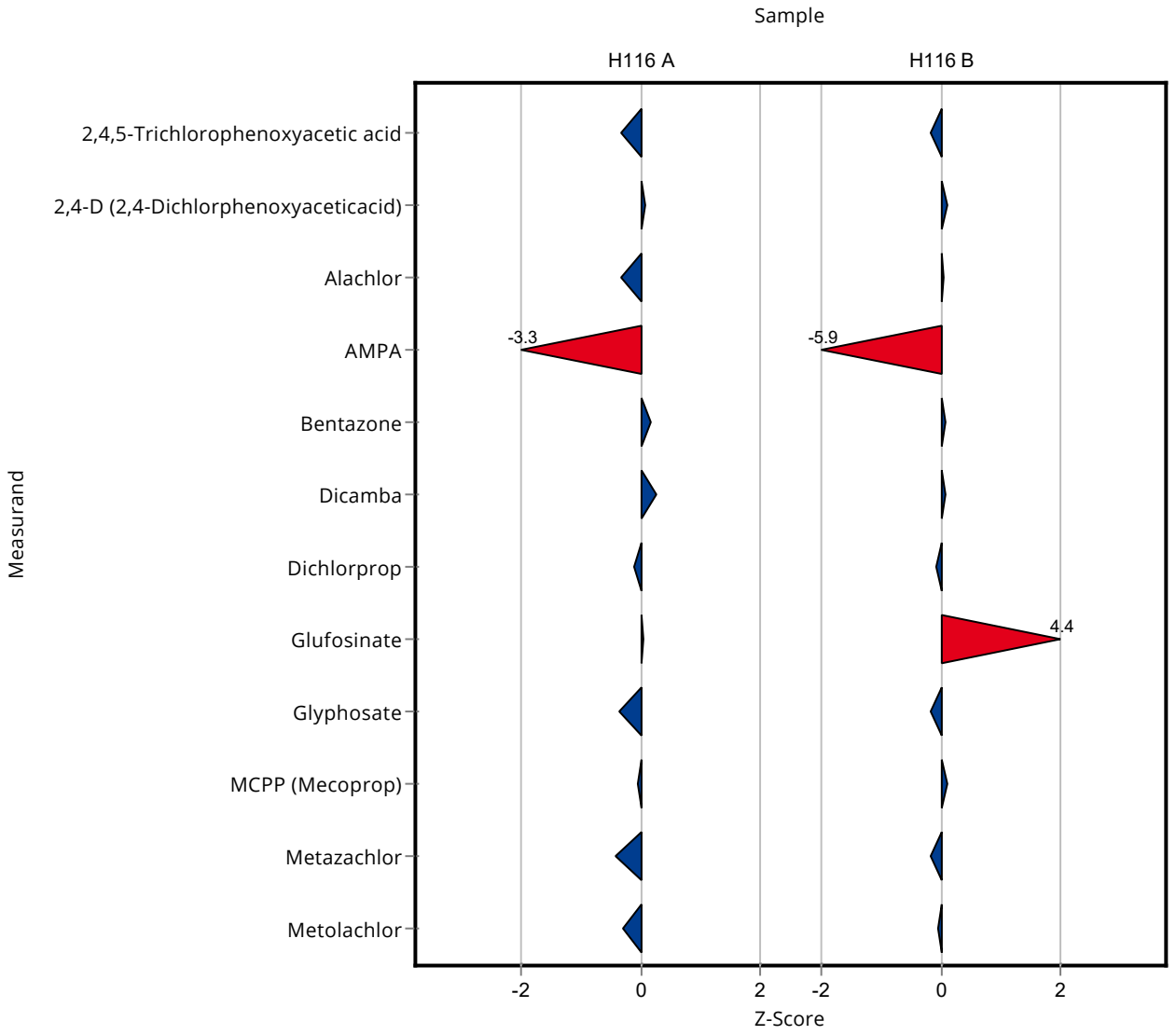
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.617 ± 0.15	0.114	97.2	-0.16
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.774 ± 0.24	0.107	102	0.12
Alachlor	µg/l	0.405 ± 0.0158	0.408 ± 0.082	0.0487	101	0.05
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.142 ± 0.028	0.0808	22.9	-5.93
Bentazone	µg/l	0.551 ± 0.0202	0.557 ± 0.16	0.0826	101	0.07
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.634 ± 0.19	0.125	101	0.06
Dichlorprop	µg/l	0.502 ± 0.0113	0.497 ± 0.14	0.0602	99	-0.08
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.639 ± 0.19	0.0865	251	4.45
Glyphosate	µg/l	0.528 ± 0.0292	0.51 ± 0.1	0.106	96.6	-0.17

Summary of results Pesticides H116

Labcode: LC0016

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.593 ± 0.17	0.0761	101	0.10
Metazachlor	µg/l	0.588 ± 0.0262	0.575 ± 0.19	0.0705	97.9	-0.18
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.765 ± 0.11	0.116	99.1	-0.06
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.24 ± 0.06	0.0458	94.3	-0.12
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.234 ± 0.073	0.0324	101	0.02
Alachlor	µg/l	0.17 ± 0.0095	0.163 ± 0.033	0.0203	96.1	-0.10
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.075 ± 0.015	0.0171	57	-1.83
Bentazone	µg/l	0.24 ± 0.00899	0.246 ± 0.069	0.0361	102	0.04
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.302 ± 0.091	0.0573	105	0.09
Dichlorprop	µg/l	0.154 ± 0.0034	0.152 ± 0.043	0.0185	98.6	-0.03
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.13 ± 0.039	0.0436	101	0.02
Glyphosate	µg/l	0.191 ± 0.0114	0.177 ± 0.035	0.0382	92.8	-0.19

Summary of results Pesticides H116 - En-Score

Labcode: LC0016

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.212 ± 0.061	0.0277	99.3	-0.01
Metazachlor	µg/l	0.122 ± 0.00493	0.116 ± 0.038	0.0146	95.1	-0.08
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.216 ± 0.032	0.0339	95.5	-0.16
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

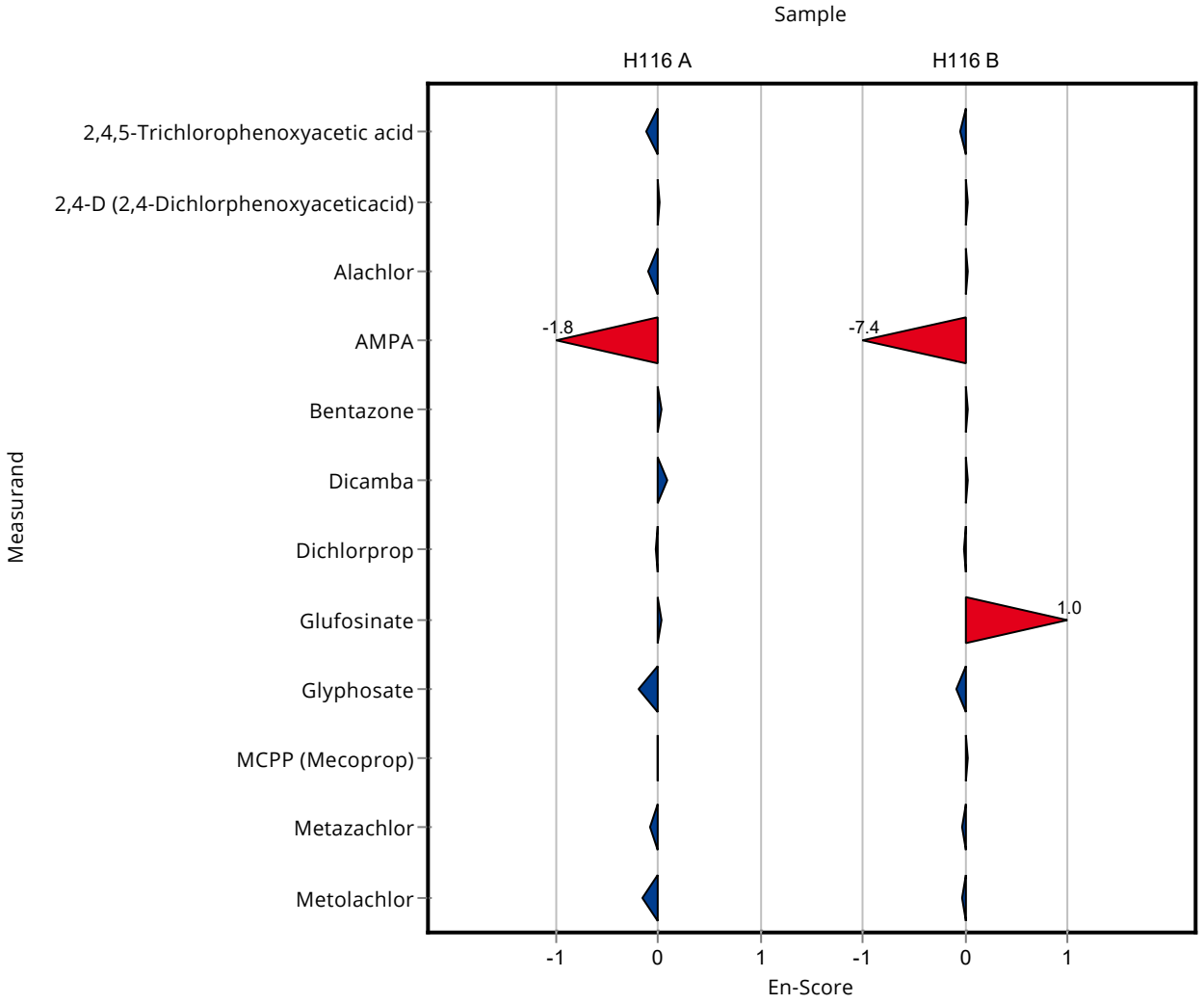
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.617 ± 0.15	0.114	97.2	-0.06
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.774 ± 0.24	0.107	102	0.03
Alachlor	µg/l	0.405 ± 0.0158	0.408 ± 0.082	0.0487	101	0.02
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.142 ± 0.028	0.0808	22.9	-7.44
Bentazone	µg/l	0.551 ± 0.0202	0.557 ± 0.16	0.0826	101	0.02
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0016

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.634 ± 0.19	0.125	101	0.02
Dichlorprop	µg/l	0.502 ± 0.0113	0.497 ± 0.14	0.0602	99	-0.02
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.639 ± 0.19	0.0865	251	1.01
Glyphosate	µg/l	0.528 ± 0.0292	0.51 ± 0.1	0.106	96.6	-0.09
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.593 ± 0.17	0.0761	101	0.02
Metazachlor	µg/l	0.588 ± 0.0262	0.575 ± 0.19	0.0705	97.9	-0.03
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.765 ± 0.11	0.116	99.1	-0.03
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
AMPA
Bentazone
Dicamba
Dichlorprop
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metolachlor
Measurand
-1.8
-7.4
1.0
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.206 ± 0.041	0.0306	101	0.07
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.304 ± 0.04	0.0296	133	2.58
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.168 ± 0.044	0.0341	93.7	-0.33
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.318 ± 0.143	0.0569	117	0.82

Summary of results Pesticides H116

Labcode: LC0017

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.23 ± 0.065	0.0453	102	0.08
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.129 ± 0.032	0.0191	94.8	-0.37

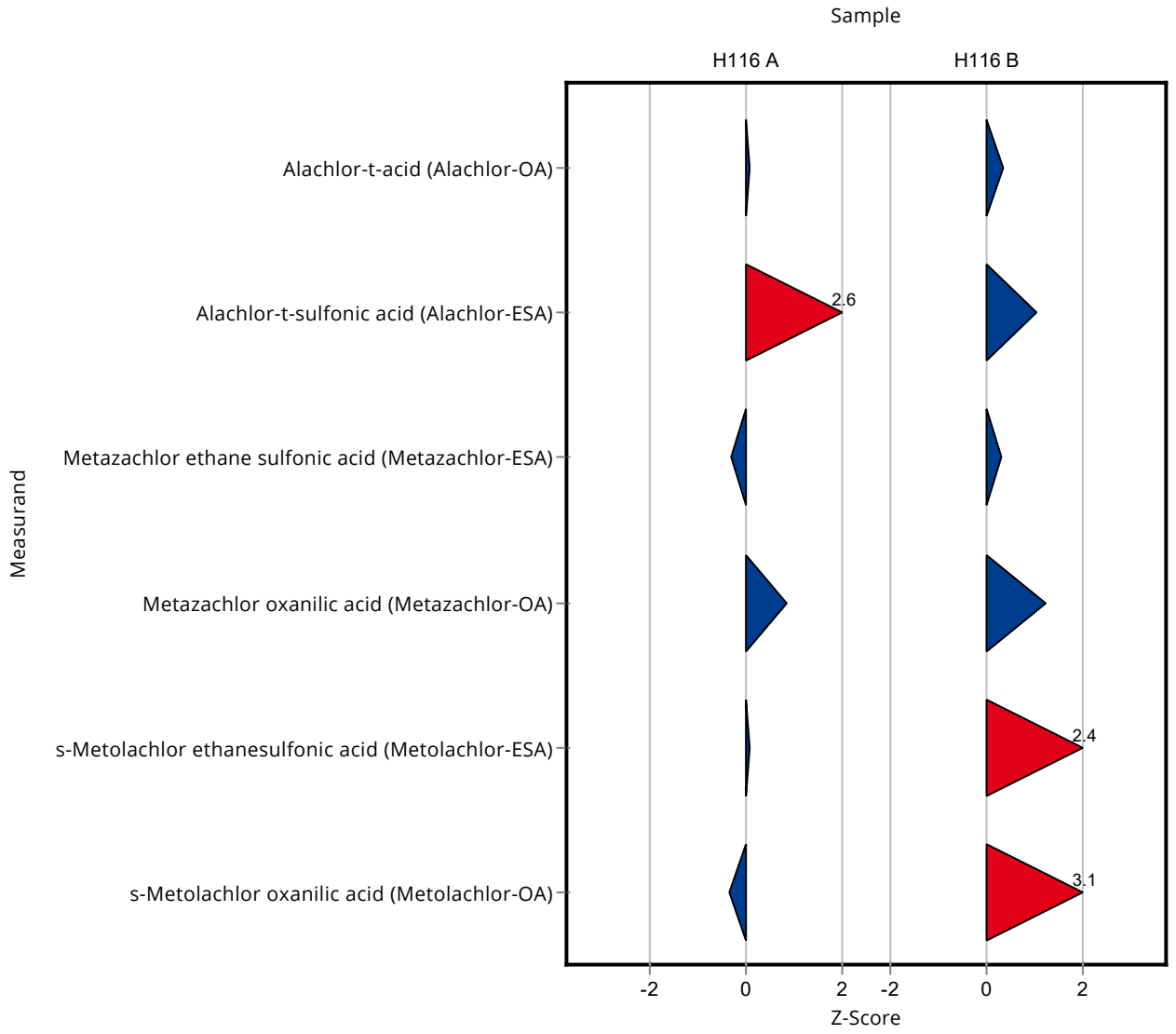
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.6 ± 0.121	0.152	110	0.37
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.726 ± 0.096	0.153	128	1.05
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0017

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.459 ± 0.176	0.082	106	0.33
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.895 ± 0.405	0.149	126	1.24
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.813 ± 0.228	0.109	149	2.43
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.854 ± 0.266	0.0835	143	3.08



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.206 ± 0.041	0.0306	101	0.03
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.304 ± 0.04	0.0296	133	0.91
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0017

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.168 ± 0.044	0.0341	93.7	-0.13
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.318 ± 0.143	0.0569	117	0.16
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.23 ± 0.065	0.0453	102	0.03
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.129 ± 0.032	0.0191	94.8	-0.11

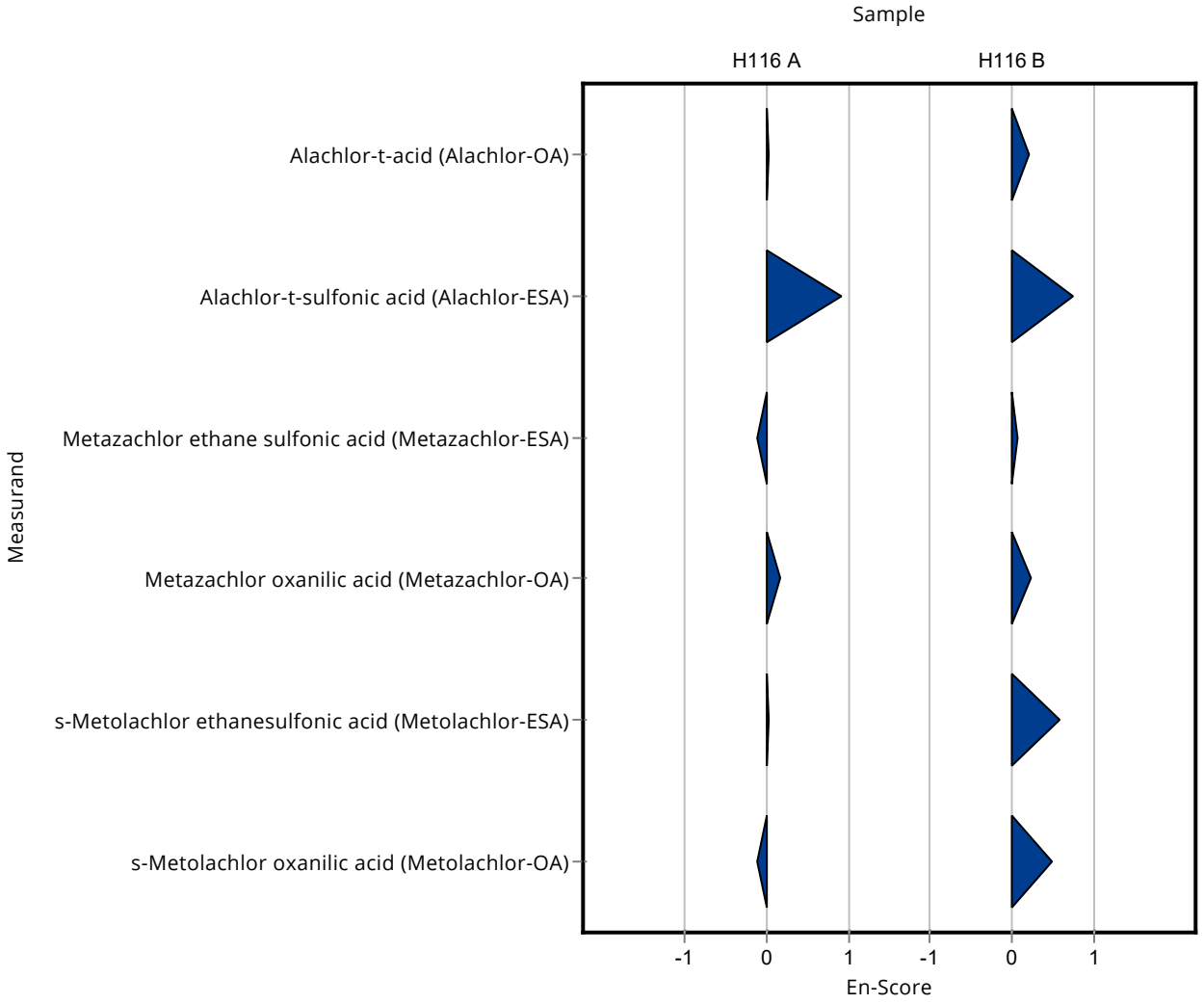
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.6 ± 0.121	0.152	110	0.21
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.726 ± 0.096	0.153	128	0.75
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0017

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.459 ± 0.176	0.082	106	0.08
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.895 ± 0.405	0.149	126	0.23
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.813 ± 0.228	0.109	149	0.58
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.854 ± 0.266	0.0835	143	0.48


Sample
H116 A
H116 B
Alachlor-t-acid (Alachlor-OA)
Alachlor-t-sulfonic acid (Alachlor-ESA)
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.13 ± 0.021	0.0171	98.8	-0.09
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.372 ± 0.1	0.033	113	1.29
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.72 ± 0.259	0.0648	111	1.12
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.22 ± 0.084	0.0371	113	0.67
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.289 ± 0.095	0.0316	119	1.45
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.402 ± 0.088	0.0493	97.9	-0.18
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.187 ± 0.041	0.0382	98	-0.10
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0018

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

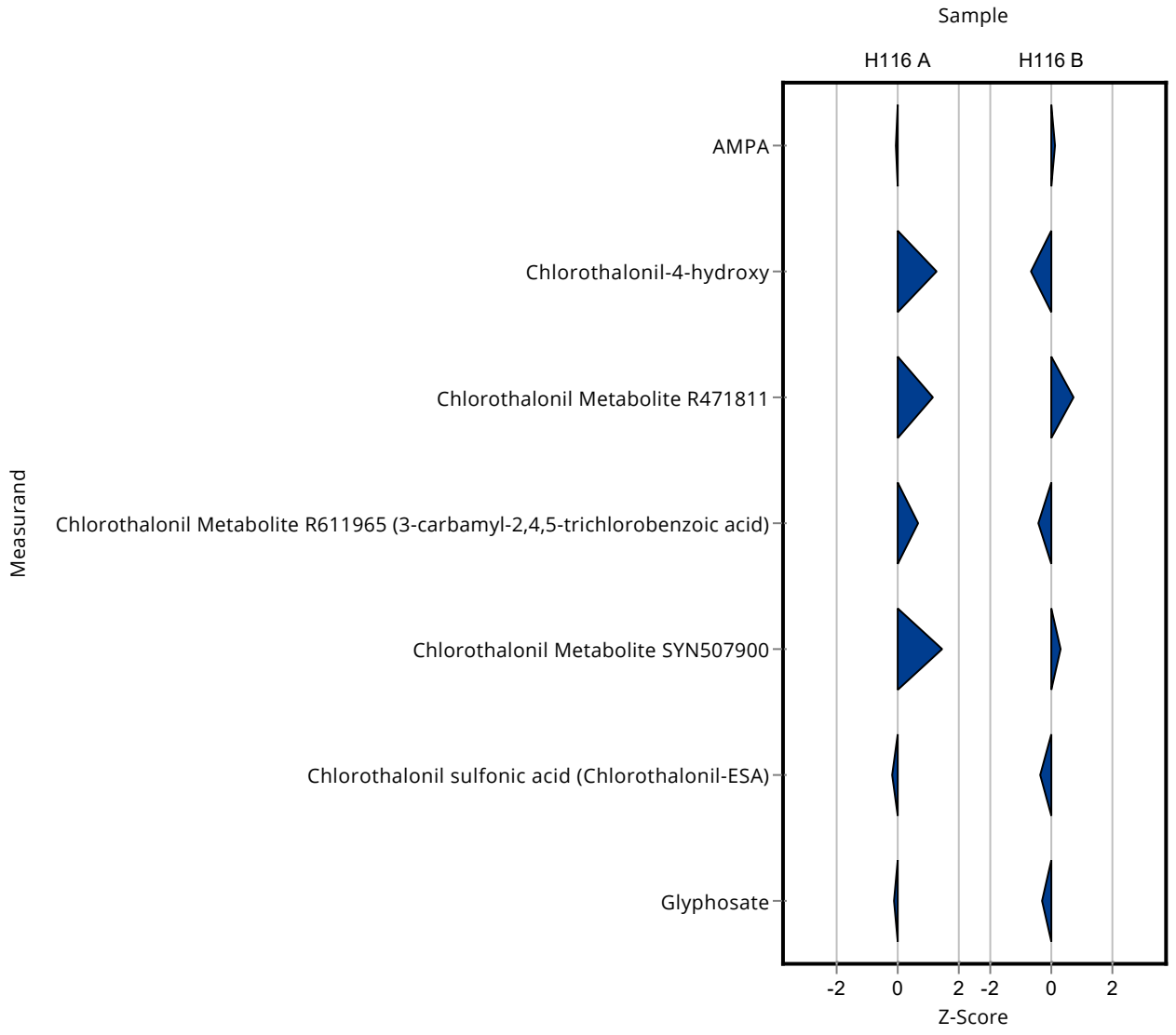
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.63 ± 0.101	0.0808	101	0.11
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.85 ± 0.23	0.0911	93.3	-0.67
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.56 ± 0.202	0.0757	111	0.73
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.478 ± 0.182	0.05	95.5	-0.45
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.71 ± 0.234	0.0755	103	0.31
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.59 ± 0.13	0.0611	96.6	-0.34
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.5 ± 0.11	0.106	94.7	-0.27

Summary of results Pesticides H116

Labcode: LC0018

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.13 ± 0.021	0.0171	98.8	-0.04
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.372 ± 0.1	0.033	113	0.21
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.72 ± 0.259	0.0648	111	0.14
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.22 ± 0.084	0.0371	113	0.15
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.289 ± 0.095	0.0316	119	0.24
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.402 ± 0.088	0.0493	97.9	-0.05
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.187 ± 0.041	0.0382	98	-0.05

Summary of results Pesticides H116 - En-Score

Labcode: LC0018

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	- ± -	0.0146	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

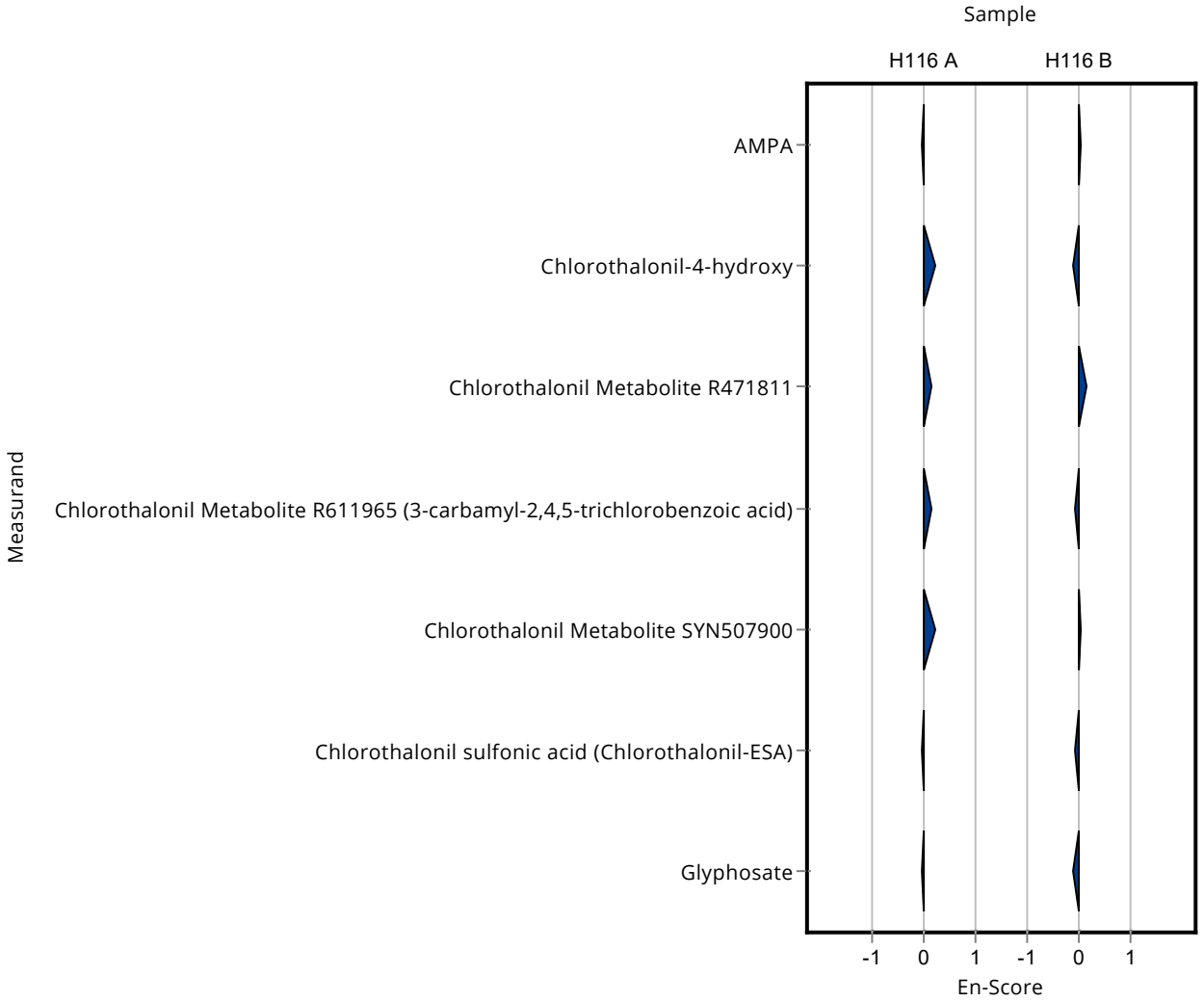
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.63 ± 0.101	0.0808	101	0.04
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.85 ± 0.23	0.0911	93.3	-0.13
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.56 ± 0.202	0.0757	111	0.14
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.478 ± 0.182	0.05	95.5	-0.06
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.71 ± 0.234	0.0755	103	0.05

Summary of results Pesticides H116 - En-Score

Labcode: LC0018

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.59 ± 0.13	0.0611	96.6	-0.08
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.5 ± 0.11	0.106	94.7	-0.13
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	- ± -	0.0705	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
AMPA
Chlorothalonil-4-hydroxy
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Chlorothalonil Metabolite SYN507900
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Glyphosate
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.279 ± 0.123	0.0458	110	0.53
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.207 ± 0.091	0.0324	89.5	-0.75
Alachlor	µg/l	0.17 ± 0.0095	0.202 ± 0.089	0.0203	119	1.59
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.138 ± 0.03	0.0171	105	0.38
Bentazone	µg/l	0.24 ± 0.00899	0.203 ± 0.089	0.0361	84.5	-1.04
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.326 ± 0.143	0.0573	114	0.69
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.11 ± 0.02	0.0436	85.8	-0.42
Glyphosate	µg/l	0.191 ± 0.0114	0.21 ± 0.04	0.0382	110	0.50
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.208 ± 0.092	0.0277	97.4	-0.20
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.053	0.0146	98.4	-0.13
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0019

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.256 ± 0.113	0.0339	113	0.88
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.247 ± 0.109	0.0453	109	0.45
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

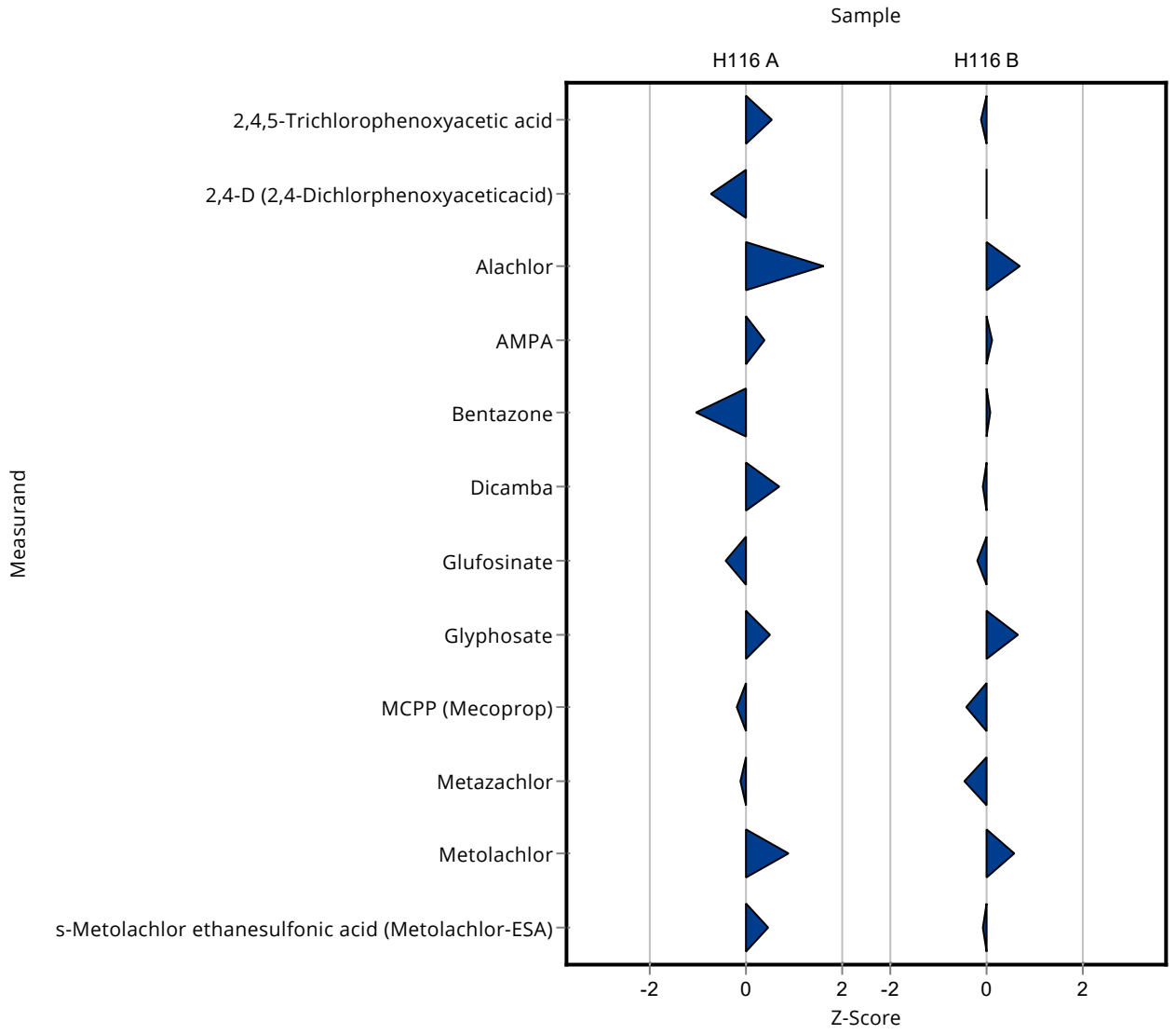
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.621 ± 0.273	0.114	97.8	-0.12
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.76 ± 0.344	0.107	99.8	-0.01
Alachlor	µg/l	0.405 ± 0.0158	0.439 ± 0.193	0.0487	108	0.69
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.63 ± 0.16	0.0808	101	0.11
Bentazone	µg/l	0.551 ± 0.0202	0.559 ± 0.246	0.0826	101	0.10
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.619 ± 0.272	0.125	98.9	-0.06
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.24 ± 0.04	0.0865	94.3	-0.17
Glyphosate	µg/l	0.528 ± 0.0292	0.6 ± 0.11	0.106	114	0.68

Summary of results Pesticides H116

Labcode: LC0019

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.555 ± 0.244	0.0761	94.8	-0.40
Metazachlor	µg/l	0.588 ± 0.0262	0.555 ± 0.244	0.0705	94.5	-0.46
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.84 ± 0.37	0.116	109	0.59
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.541 ± 0.238	0.109	98.9	-0.05
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.279 ± 0.123	0.0458	110	0.10
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.207 ± 0.091	0.0324	89.5	-0.13
Alachlor	µg/l	0.17 ± 0.0095	0.202 ± 0.089	0.0203	119	0.18
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.138 ± 0.03	0.0171	105	0.11
Bentazone	µg/l	0.24 ± 0.00899	0.203 ± 0.089	0.0361	84.5	-0.21
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.326 ± 0.143	0.0573	114	0.14
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.11 ± 0.02	0.0436	85.8	-0.41
Glyphosate	µg/l	0.191 ± 0.0114	0.21 ± 0.04	0.0382	110	0.24

Summary of results Pesticides H116 - En-Score

Labcode: LC0019

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.208 ± 0.092	0.0277	97.4	-0.03
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.053	0.0146	98.4	-0.02
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.256 ± 0.113	0.0339	113	0.13
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.247 ± 0.109	0.0453	109	0.09
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

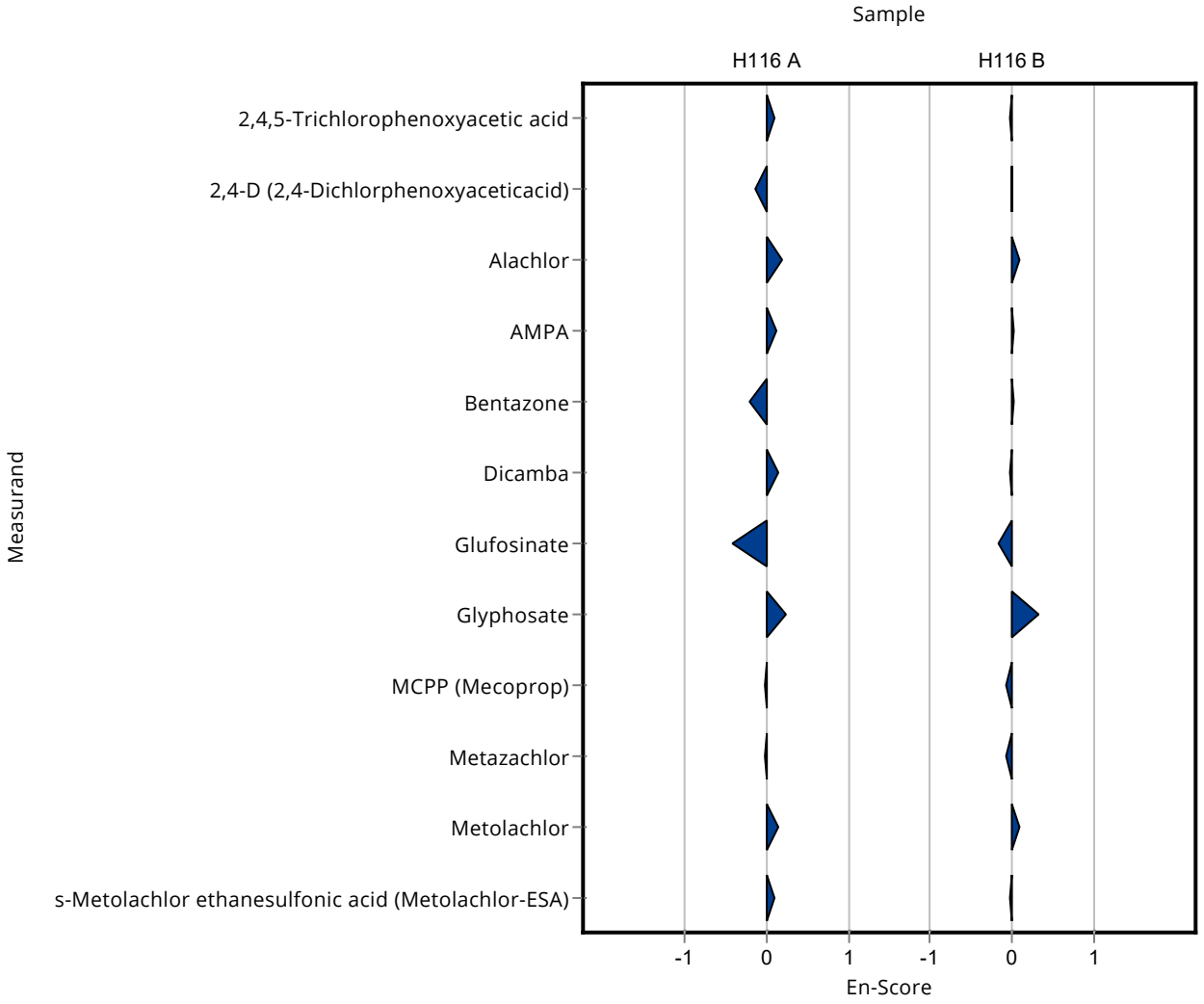
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.621 ± 0.273	0.114	97.8	-0.03
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.76 ± 0.344	0.107	99.8	0.00
Alachlor	µg/l	0.405 ± 0.0158	0.439 ± 0.193	0.0487	108	0.09
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.63 ± 0.16	0.0808	101	0.03
Bentazone	µg/l	0.551 ± 0.0202	0.559 ± 0.246	0.0826	101	0.02
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0019

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.619 ± 0.272	0.125	98.9	-0.01
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.24 ± 0.04	0.0865	94.3	-0.17
Glyphosate	µg/l	0.528 ± 0.0292	0.6 ± 0.11	0.106	114	0.32
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.555 ± 0.244	0.0761	94.8	-0.06
Metazachlor	µg/l	0.588 ± 0.0262	0.555 ± 0.244	0.0705	94.5	-0.07
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.84 ± 0.37	0.116	109	0.09
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.541 ± 0.238	0.109	98.9	-0.01
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
AMPA
Bentazone
Dicamba
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.3 ± 0.075	0.0458	118	0.99
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.225 ± 0.056	0.0324	97.3	-0.19
Alachlor	µg/l	0.17 ± 0.0095	0.18 ± 0.045	0.0203	106	0.51
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.21 ± 0.053	0.0306	103	0.20
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.23 ± 0.058	0.0296	101	0.08
AMPA	µg/l	0.132 ± 0.00728	0.16 ± 0.04	0.0171	122	1.67
Bentazone	µg/l	0.24 ± 0.00899	0.255 ± 0.064	0.0361	106	0.41
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.34 ± 0.085	0.033	103	0.32
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.3 ± 0.075	0.0573	105	0.24
Dichlorprop	µg/l	0.154 ± 0.0034	0.155 ± 0.039	0.0185	101	0.04
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.545 ± 0.14	0.0565	106	0.55
Glufosinate	µg/l	0.128 ± 0.0187	0.14 ± 0.035	0.0436	109	0.27
Glyphosate	µg/l	0.191 ± 0.0114	0.083 ± 0.021	0.0382	43.5	-2.82
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.23 ± 0.058	0.0277	108	0.60
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.03	0.0146	98.4	-0.13
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.185 ± 0.046	0.0341	103	0.17
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.24 ± 0.06	0.0569	88.5	-0.55

Summary of results Pesticides H116

Labcode: LC0020

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.23 ± 0.058	0.0339	102	0.11
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.2 ± 0.05	0.0453	88.3	-0.59
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.11 ± 0.028	0.0191	80.8	-1.37

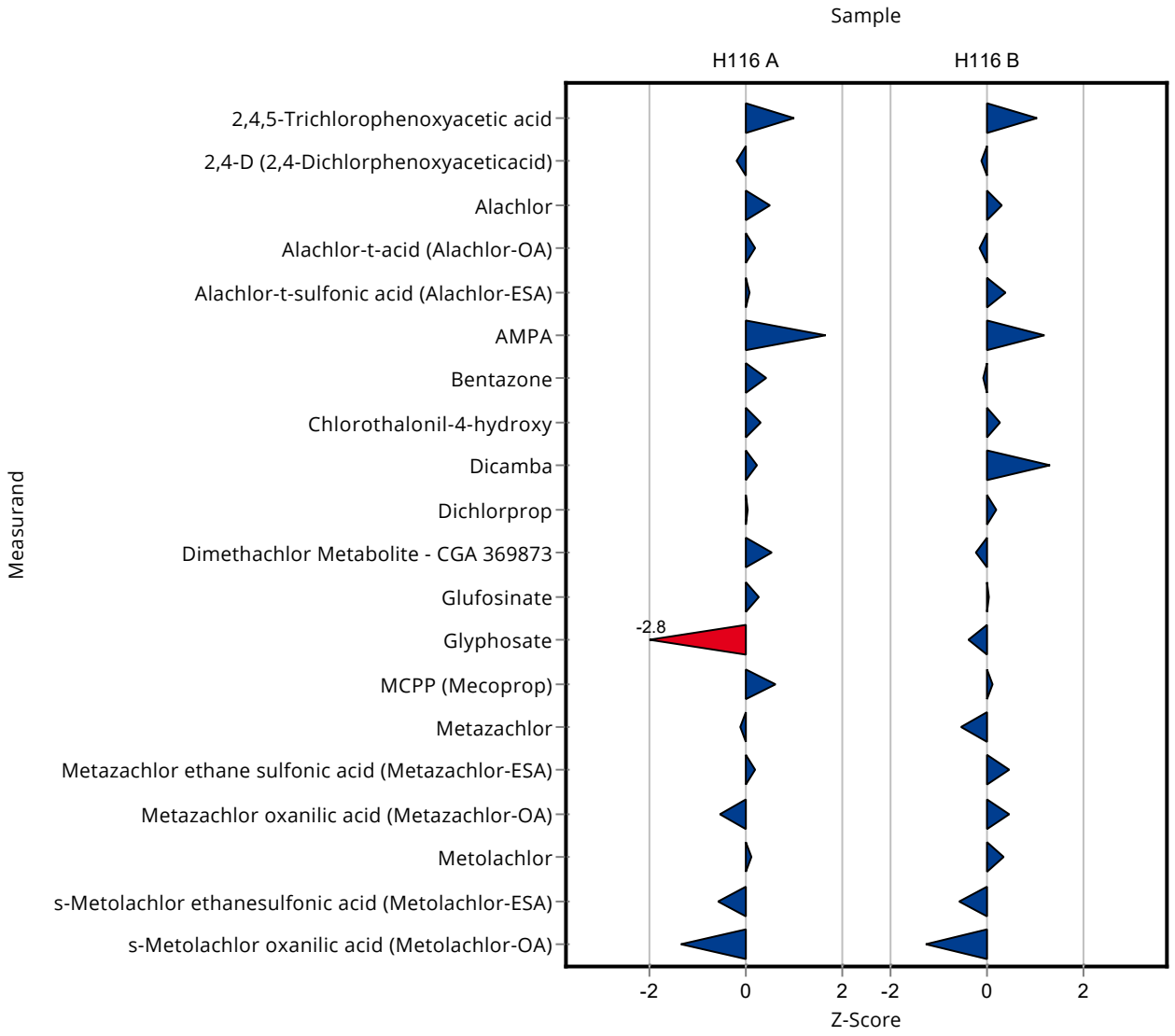
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.755 ± 0.19	0.114	119	1.05
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.75 ± 0.19	0.107	98.5	-0.11
Alachlor	µg/l	0.405 ± 0.0158	0.42 ± 0.11	0.0487	104	0.30
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.52 ± 0.13	0.152	95.7	-0.15
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.625 ± 0.16	0.153	111	0.39
AMPA	µg/l	0.621 ± 0.0318	0.72 ± 0.18	0.0808	116	1.22
Bentazone	µg/l	0.551 ± 0.0202	0.545 ± 0.14	0.0826	98.9	-0.07
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.935 ± 0.23	0.0911	103	0.26
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.79 ± 0.2	0.125	126	1.31
Dichlorprop	µg/l	0.502 ± 0.0113	0.515 ± 0.13	0.0602	103	0.22
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.49 ± 0.12	0.0811	96.6	-0.21
Glufosinate	µg/l	0.254 ± 0.0247	0.26 ± 0.065	0.0865	102	0.06
Glyphosate	µg/l	0.528 ± 0.0292	0.49 ± 0.12	0.106	92.8	-0.36

Summary of results Pesticides H116

Labcode: LC0020

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.595 ± 0.15	0.0761	102	0.12
Metazachlor	µg/l	0.588 ± 0.0262	0.55 ± 0.14	0.0705	93.6	-0.53
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.47 ± 0.12	0.082	109	0.47
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.78 ± 0.2	0.149	110	0.47
Metolachlor	µg/l	0.772 ± 0.0234	0.815 ± 0.2	0.116	106	0.37
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.485 ± 0.12	0.109	88.7	-0.57
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.49 ± 0.12	0.0835	82.2	-1.27



Summary of results Pesticides H116 - En-Score

Labcode: LC0020

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.3 ± 0.075	0.0458	118	0.30
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.225 ± 0.056	0.0324	97.3	-0.06
Alachlor	µg/l	0.17 ± 0.0095	0.18 ± 0.045	0.0203	106	0.12
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.21 ± 0.053	0.0306	103	0.06
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.23 ± 0.058	0.0296	101	0.02
AMPA	µg/l	0.132 ± 0.00728	0.16 ± 0.04	0.0171	122	0.35
Bentazone	µg/l	0.24 ± 0.00899	0.255 ± 0.064	0.0361	106	0.11
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.34 ± 0.085	0.033	103	0.06
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.3 ± 0.075	0.0573	105	0.09
Dichlorprop	µg/l	0.154 ± 0.0034	0.155 ± 0.039	0.0185	101	0.01
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.545 ± 0.14	0.0565	106	0.11
Glufosinate	µg/l	0.128 ± 0.0187	0.14 ± 0.035	0.0436	109	0.16
Glyphosate	µg/l	0.191 ± 0.0114	0.083 ± 0.021	0.0382	43.5	-2.48

Summary of results Pesticides H116 - En-Score

Labcode: LC0020

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.23 ± 0.058	0.0277	108	0.14
Metazachlor	µg/l	0.122 ± 0.00493	0.12 ± 0.03	0.0146	98.4	-0.03
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.185 ± 0.046	0.0341	103	0.06
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.24 ± 0.06	0.0569	88.5	-0.26
Metolachlor	µg/l	0.226 ± 0.00884	0.23 ± 0.058	0.0339	102	0.03
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.2 ± 0.05	0.0453	88.3	-0.26
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.11 ± 0.028	0.0191	80.8	-0.46

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.755 ± 0.19	0.114	119	0.31
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.75 ± 0.19	0.107	98.5	-0.03
Alachlor	µg/l	0.405 ± 0.0158	0.42 ± 0.11	0.0487	104	0.07
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.52 ± 0.13	0.152	95.7	-0.08
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.625 ± 0.16	0.153	111	0.18
AMPA	µg/l	0.621 ± 0.0318	0.72 ± 0.18	0.0808	116	0.27
Bentazone	µg/l	0.551 ± 0.0202	0.545 ± 0.14	0.0826	98.9	-0.02
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.935 ± 0.23	0.0911	103	0.05
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

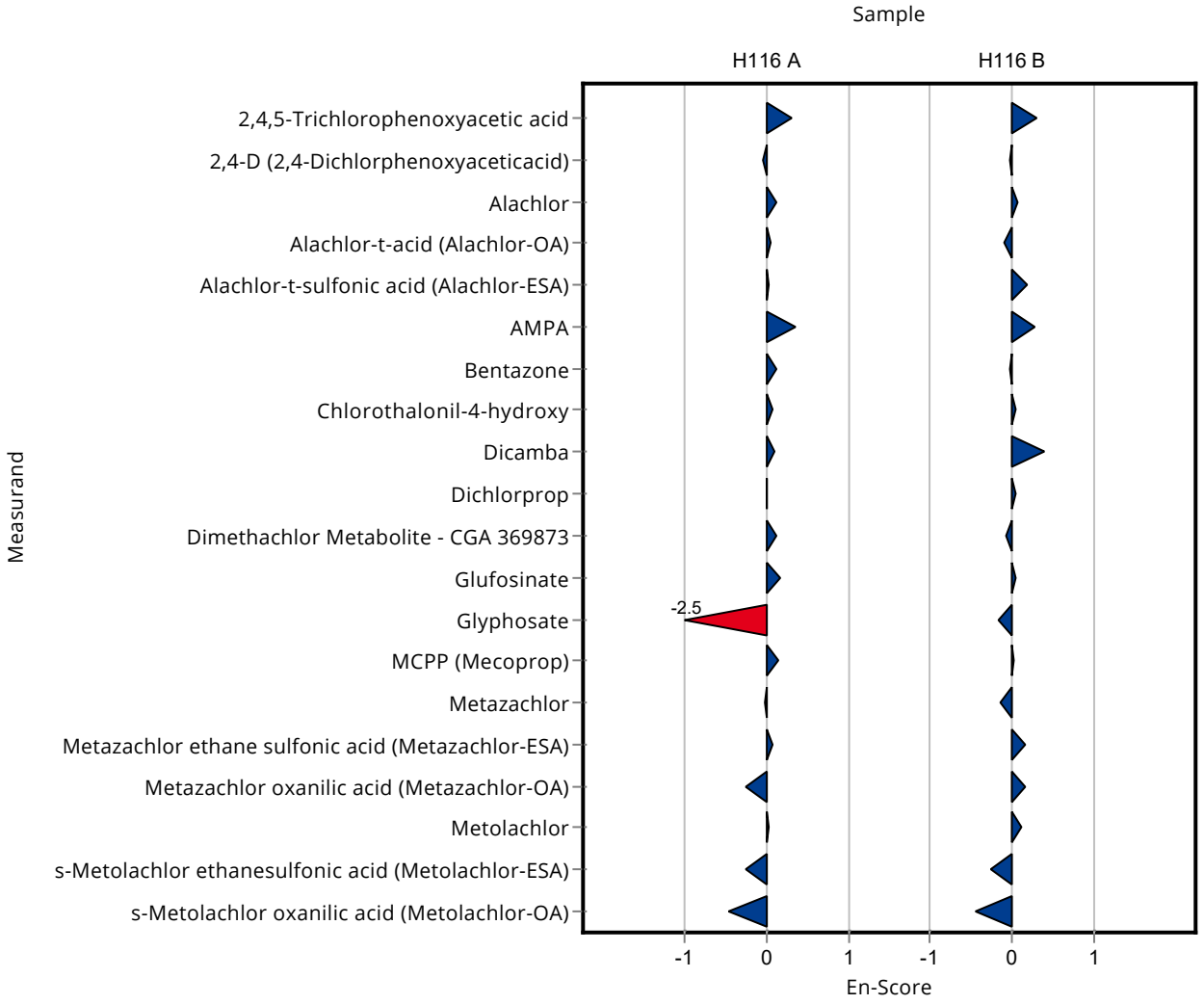
Summary of results Pesticides H116 - En-Score

Labcode: LC0020

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.79 ± 0.2	0.125	126	0.41
Dichlorprop	µg/l	0.502 ± 0.0113	0.515 ± 0.13	0.0602	103	0.05
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.49 ± 0.12	0.0811	96.6	-0.07
Glufosinate	µg/l	0.254 ± 0.0247	0.26 ± 0.065	0.0865	102	0.04
Glyphosate	µg/l	0.528 ± 0.0292	0.49 ± 0.12	0.106	92.8	-0.16
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.595 ± 0.15	0.0761	102	0.03
Metazachlor	µg/l	0.588 ± 0.0262	0.55 ± 0.14	0.0705	93.6	-0.13
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.47 ± 0.12	0.082	109	0.16
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.78 ± 0.2	0.149	110	0.17
Metolachlor	µg/l	0.772 ± 0.0234	0.815 ± 0.2	0.116	106	0.11
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.485 ± 0.12	0.109	88.7	-0.26
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.49 ± 0.12	0.0835	82.2	-0.44

Summary of results Pesticides H116 - En-Score

Labcode: LC0020



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.1221 ± 0.05	0.0171	92.8	-0.55
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.1648 ± 0.0766	0.0382	86.4	-0.68
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.1314 ± 0.0195	0.0146	108	0.65
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.1778 ± 0.1184	0.0341	99.2	-0.04
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.2435 ± 0.1898	0.0569	89.8	-0.49

Summary of results Pesticides H116

Labcode: LC0021

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.228 ± 0.1053	0.0339	101	0.06
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.1869 ± 0.1152	0.0453	82.5	-0.88
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.1246 ± 0.0596	0.0191	91.5	-0.60

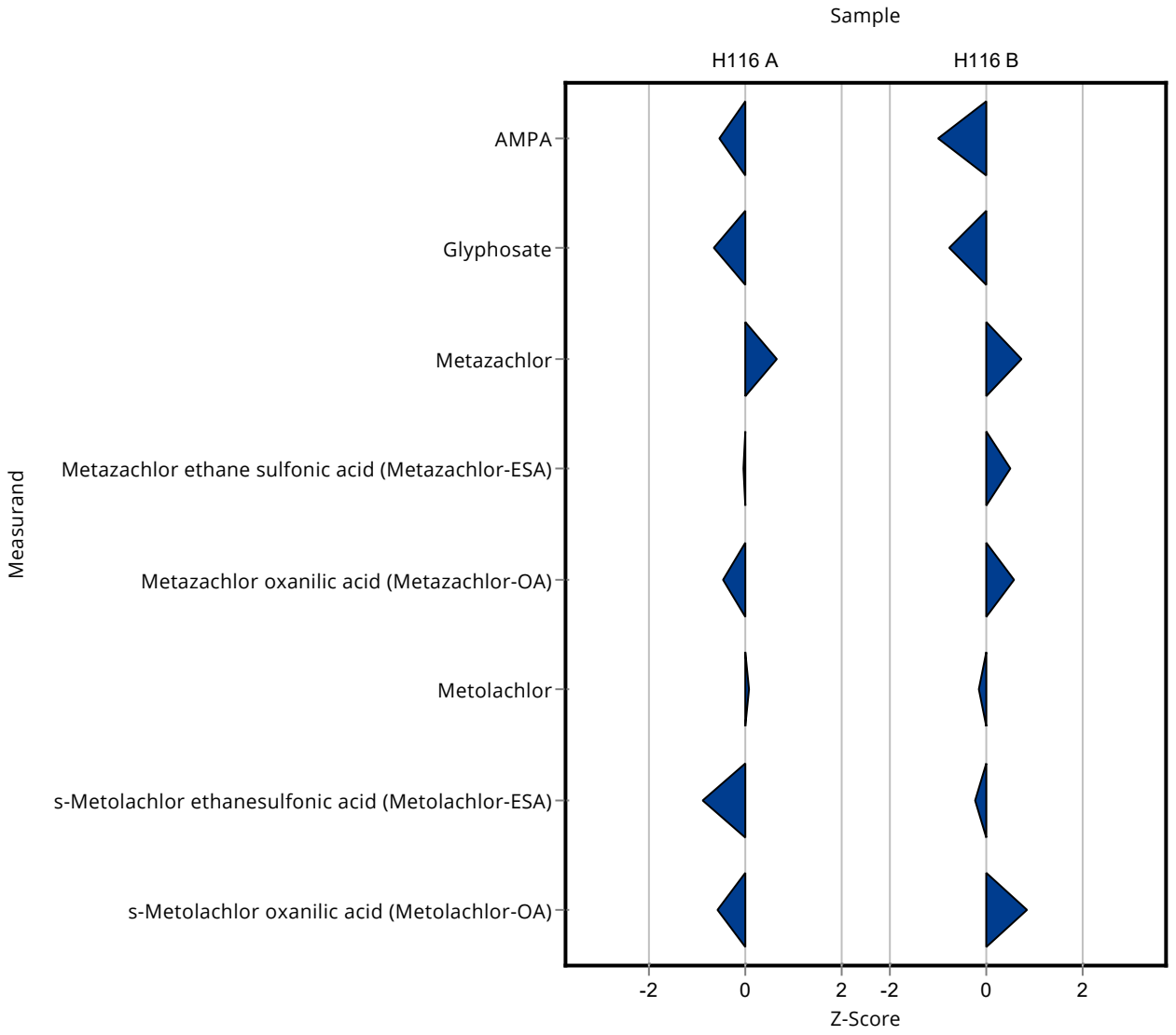
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.5401 ± 0.2196	0.0808	86.9	-1.01
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.4469 ± 0.2078	0.106	84.6	-0.77

Summary of results Pesticides H116

Labcode: LC0021

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.6401 ± 0.0951	0.0705	109	0.74
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.4738 ± 0.3154	0.082	110	0.51
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.7949 ± 0.6196	0.149	112	0.57
Metolachlor	µg/l	0.772 ± 0.0234	0.7537 ± 0.348	0.116	97.7	-0.16
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.5227 ± 0.3222	0.109	95.6	-0.22
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.6678 ± 0.3193	0.0835	112	0.85



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.1221 ± 0.05	0.0171	92.8	-0.09
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.1648 ± 0.0766	0.0382	86.4	-0.17

Summary of results Pesticides H116 - En-Score

Labcode: LC0021

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.1314 ± 0.0195	0.0146	108	0.24
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.1778 ± 0.1184	0.0341	99.2	-0.01
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.2435 ± 0.1898	0.0569	89.8	-0.07
Metolachlor	µg/l	0.226 ± 0.00884	0.228 ± 0.1053	0.0339	101	0.01
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.1869 ± 0.1152	0.0453	82.5	-0.17
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.1246 ± 0.0596	0.0191	91.5	-0.10

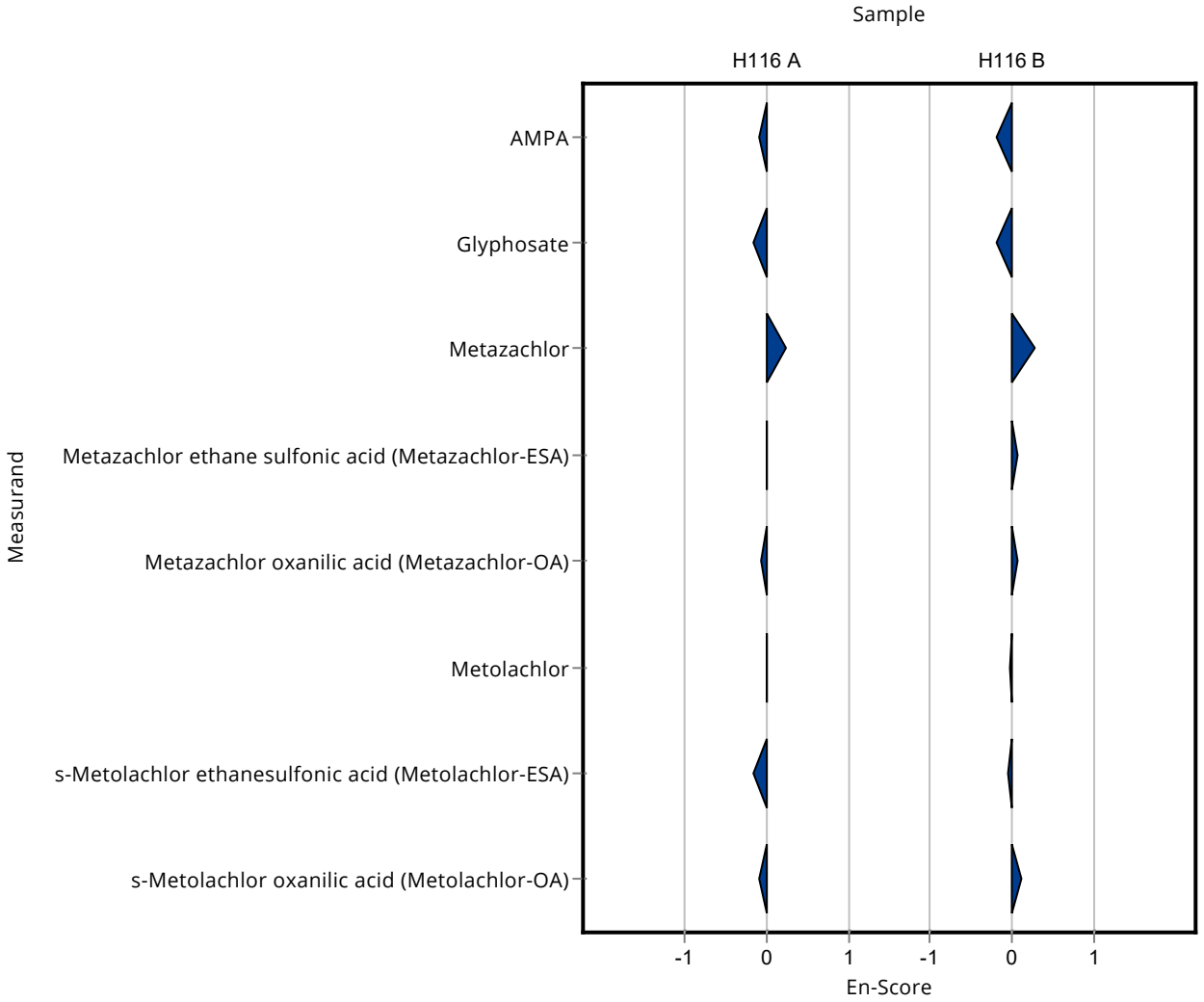
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.5401 ± 0.2196	0.0808	86.9	-0.18
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0021

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.4469 ± 0.2078	0.106	84.6	-0.20
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.6401 ± 0.0951	0.0705	109	0.27
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.4738 ± 0.3154	0.082	110	0.07
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.7949 ± 0.6196	0.149	112	0.07
Metolachlor	µg/l	0.772 ± 0.0234	0.7537 ± 0.348	0.116	97.7	-0.03
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.5227 ± 0.3222	0.109	95.6	-0.04
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.6678 ± 0.3193	0.0835	112	0.11


Sample
H116 A
H116 B
AMPA
Glyphosate
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.211 ± 0.004	0.0324	91.2	-0.63
Alachlor	µg/l	0.17 ± 0.0095	0.158 ± 0.006	0.0203	93.2	-0.57
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.215 ± 0.011	0.0361	89.4	-0.70
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.158 ± 0.001	0.0185	102	0.20
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.206 ± 0.006	0.0277	96.5	-0.27
Metazachlor	µg/l	0.122 ± 0.00493	0.118 ± 0.003	0.0146	96.8	-0.27
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0022

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.207 ± 0.007	0.0339	91.5	-0.56
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

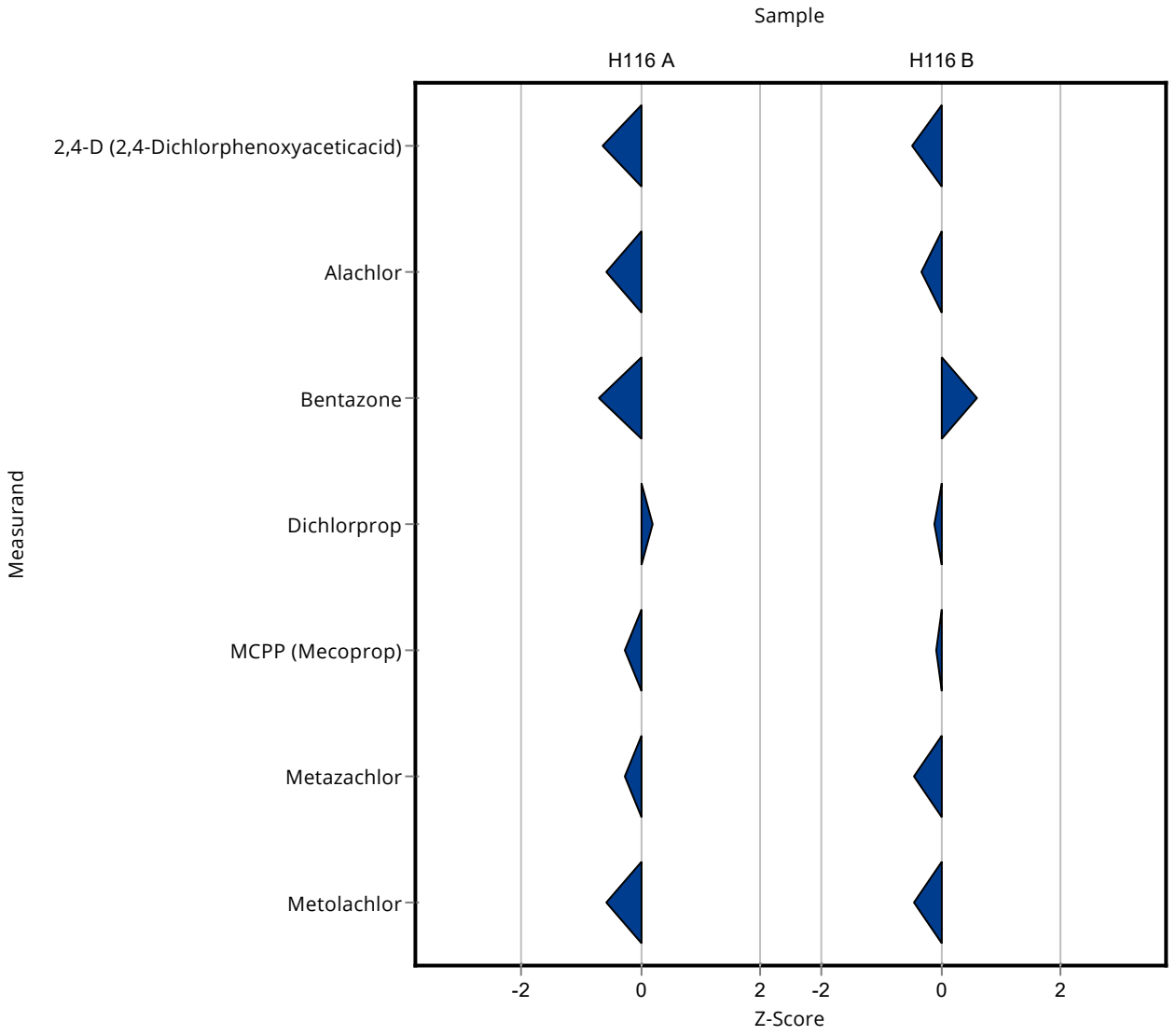
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.71 ± 0.009	0.107	93.3	-0.48
Alachlor	µg/l	0.405 ± 0.0158	0.39 ± 0.004	0.0487	96.2	-0.32
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.602 ± 0.005	0.0826	109	0.62
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.495 ± 0.006	0.0602	98.6	-0.12
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0022

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.581 ± 0.008	0.0761	99.2	-0.06
Metazachlor	µg/l	0.588 ± 0.0262	0.556 ± 0.011	0.0705	94.6	-0.45
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.72 ± 0.012	0.116	93.3	-0.45
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.211 ± 0.004	0.0324	91.2	-1.67
Alachlor	µg/l	0.17 ± 0.0095	0.158 ± 0.006	0.0203	93.2	-0.76
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.215 ± 0.011	0.0361	89.4	-1.07
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.158 ± 0.001	0.0185	102	0.96
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0022

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.206 ± 0.006	0.0277	96.5	-0.52
Metazachlor	µg/l	0.122 ± 0.00493	0.118 ± 0.003	0.0146	96.8	-0.51
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.207 ± 0.007	0.0339	91.5	-1.16
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

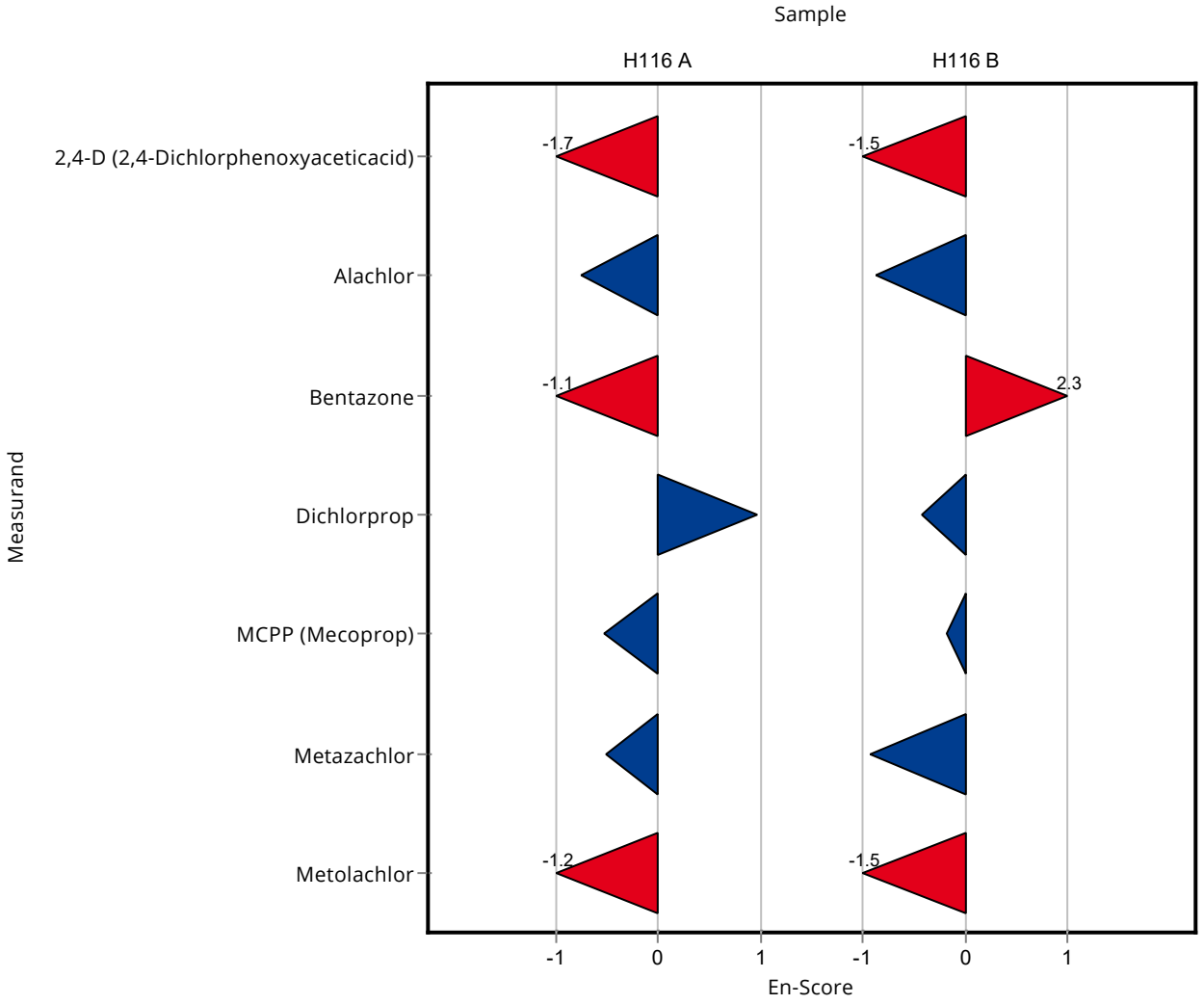
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.71 ± 0.009	0.107	93.3	-1.48
Alachlor	µg/l	0.405 ± 0.0158	0.39 ± 0.004	0.0487	96.2	-0.87
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.602 ± 0.005	0.0826	109	2.27
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0022

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.495 ± 0.006	0.0602	98.6	-0.43
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.581 ± 0.008	0.0761	99.2	-0.19
Metazachlor	µg/l	0.588 ± 0.0262	0.556 ± 0.011	0.0705	94.6	-0.92
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.72 ± 0.012	0.116	93.3	-1.54
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
Bentazone
Dichlorprop
MCPP (Mecoprop)
Metazachlor
Metolachlor
Measurand
-1.7
-1.5
-1.1
2.3
-1.2
-1.5
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	0.185 ± 0.059	0.0203	109	0.76
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.132 ± 0.034	0.0171	100	0.03
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.317 ± 0.089	0.033	96.2	-0.38
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.642 ± 0.244	0.0648	99.1	-0.09
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.205 ± 0.059	0.0371	105	0.26
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.405 ± 0.093	0.0493	98.6	-0.12
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.2 ± 0.036	0.0382	105	0.24
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.13 ± 0.027	0.0146	107	0.55
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.192 ± 0.058	0.0341	107	0.37
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.255 ± 0.089	0.0569	94	-0.28

Summary of results Pesticides H116

Labcode: LC0023

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.238 ± 0.086	0.0339	105	0.35
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.248 ± 0.057	0.0453	109	0.47
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.131 ± 0.028	0.0191	96.3	-0.27

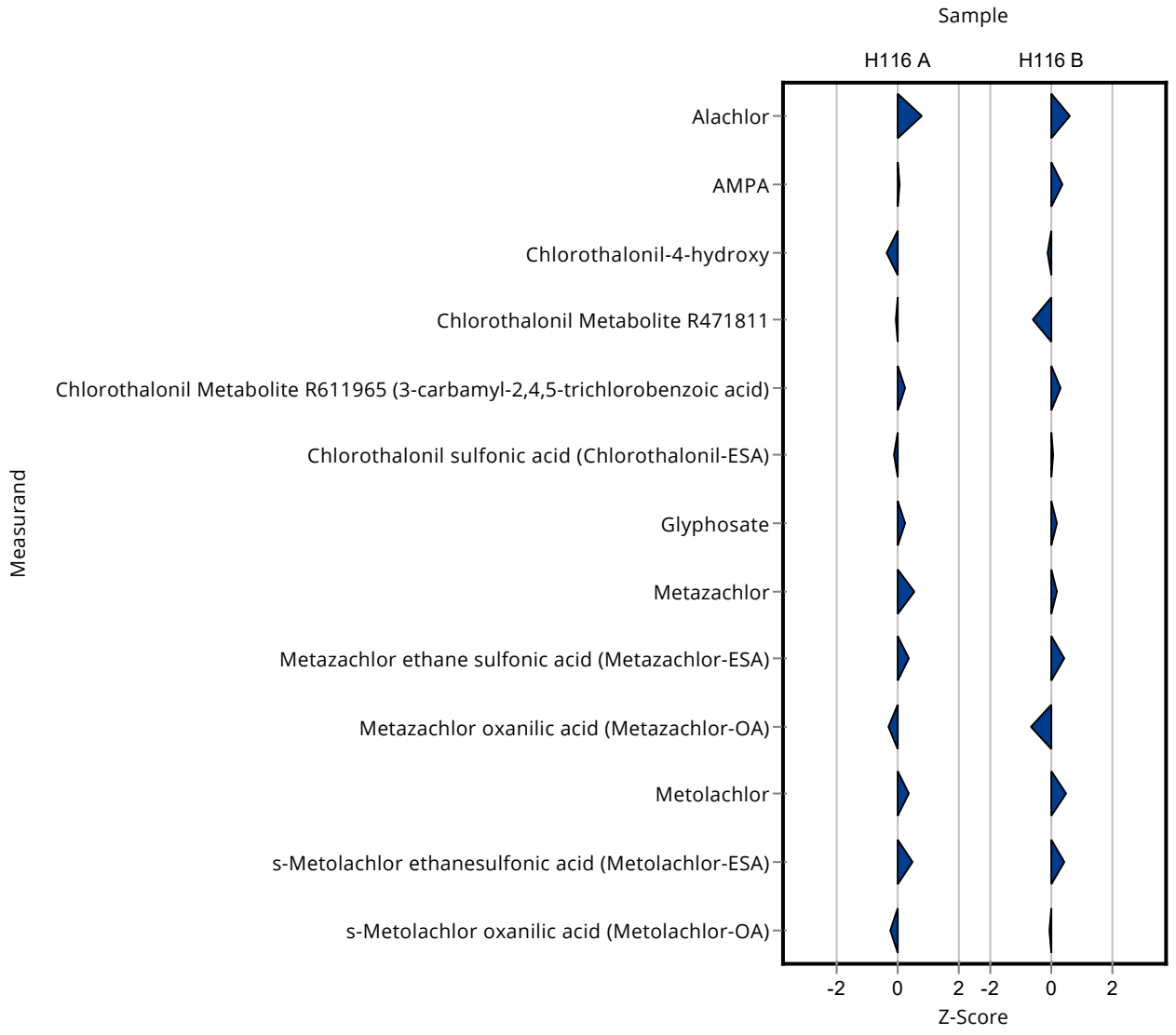
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	0.434 ± 0.139	0.0487	107	0.59
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.65 ± 0.169	0.0808	105	0.35
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.903 ± 0.253	0.0911	99.1	-0.09
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.461 ± 0.175	0.0757	91.3	-0.58
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.515 ± 0.149	0.05	103	0.29
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.615 ± 0.141	0.0611	101	0.06
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.549 ± 0.099	0.106	104	0.20

Summary of results Pesticides H116

Labcode: LC0023

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.602 ± 0.126	0.0705	102	0.20
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.465 ± 0.14	0.082	108	0.41
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.61 ± 0.214	0.149	86	-0.67
Metolachlor	µg/l	0.772 ± 0.0234	0.831 ± 0.299	0.116	108	0.51
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.591 ± 0.136	0.109	108	0.40
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.591 ± 0.124	0.0835	99.1	-0.07



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	0.185 ± 0.059	0.0203	109	0.13
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.132 ± 0.034	0.0171	100	0.01
Bentazone	µg/l	0.24 ± 0.00899	- ± -	0.0361	-	-
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.317 ± 0.089	0.033	96.2	-0.07
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.642 ± 0.244	0.0648	99.1	-0.01
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.205 ± 0.059	0.0371	105	0.08
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.405 ± 0.093	0.0493	98.6	-0.03
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	- ± -	0.0185	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.2 ± 0.036	0.0382	105	0.13

Summary of results Pesticides H116 - En-Score

Labcode: LC0023

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.13 ± 0.027	0.0146	107	0.15
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.192 ± 0.058	0.0341	107	0.11
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.255 ± 0.089	0.0569	94	-0.09
Metolachlor	µg/l	0.226 ± 0.00884	0.238 ± 0.086	0.0339	105	0.07
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.248 ± 0.057	0.0453	109	0.19
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.131 ± 0.028	0.0191	96.3	-0.09

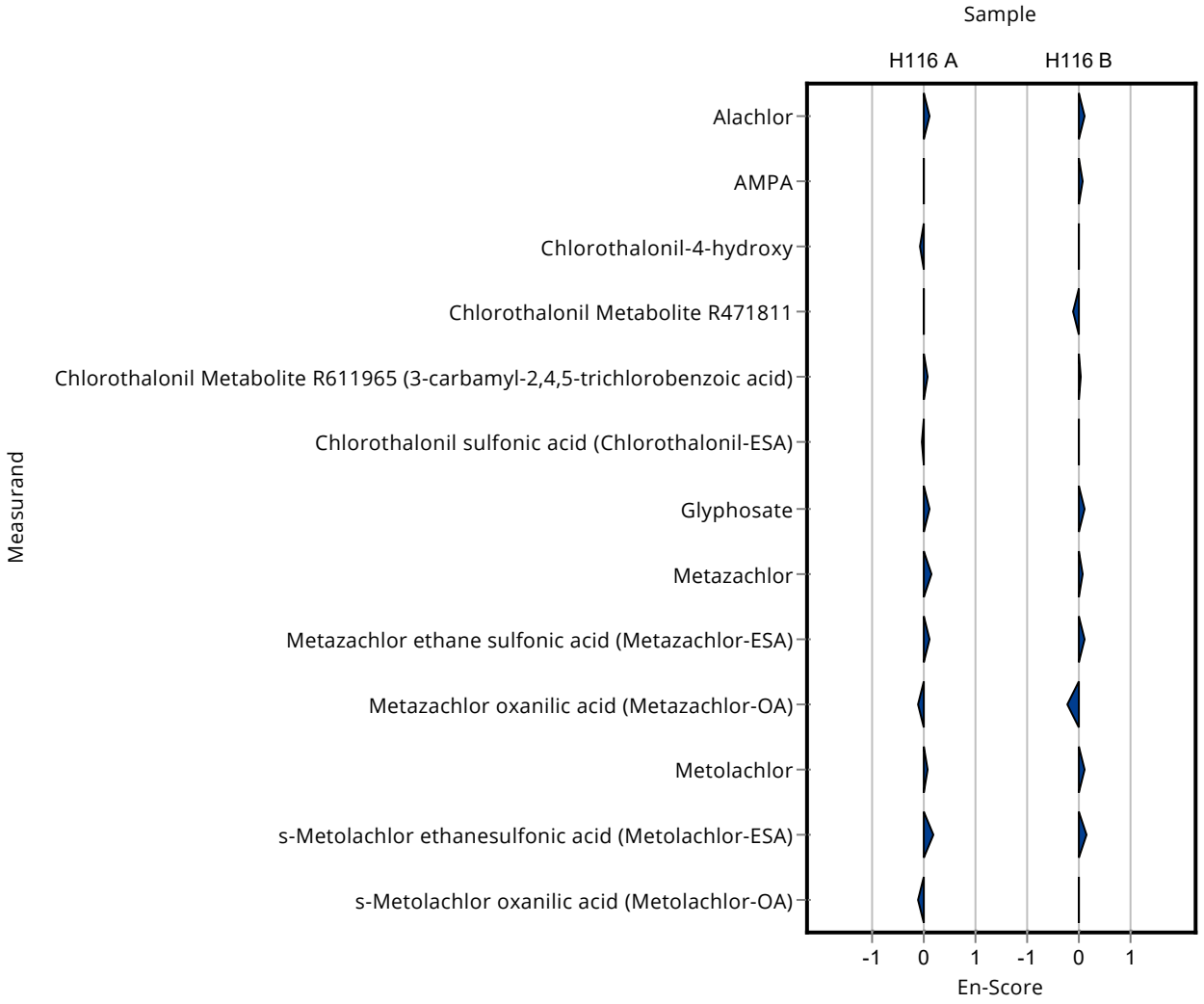
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	0.434 ± 0.139	0.0487	107	0.10
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.65 ± 0.169	0.0808	105	0.08
Bentazone	µg/l	0.551 ± 0.0202	- ± -	0.0826	-	-
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.903 ± 0.253	0.0911	99.1	-0.02
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.461 ± 0.175	0.0757	91.3	-0.12
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.515 ± 0.149	0.05	103	0.05
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0023

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.615 ± 0.141	0.0611	101	0.01
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	- ± -	0.0602	-	-
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.549 ± 0.099	0.106	104	0.10
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.602 ± 0.126	0.0705	102	0.06
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.465 ± 0.14	0.082	108	0.12
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.61 ± 0.214	0.149	86	-0.23
Metolachlor	µg/l	0.772 ± 0.0234	0.831 ± 0.299	0.116	108	0.10
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.591 ± 0.136	0.109	108	0.16
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.591 ± 0.124	0.0835	99.1	-0.02


Sample
H116 A
H116 B
Alachlor
AMPA
Chlorothalonil-4-hydroxy
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Glyphosate
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.223 ± 0.008	0.0361	92.8	-0.48
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.096 ± 0.01	0.0185	62.2	-3.15
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.175 ± 0.023	0.0277	82	-1.39
Metazachlor	µg/l	0.122 ± 0.00493	0.129 ± 0.005	0.0146	106	0.48
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-

Summary of results Pesticides H116

Labcode: LC0024

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.231 ± 0.006	0.0339	102	0.14
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

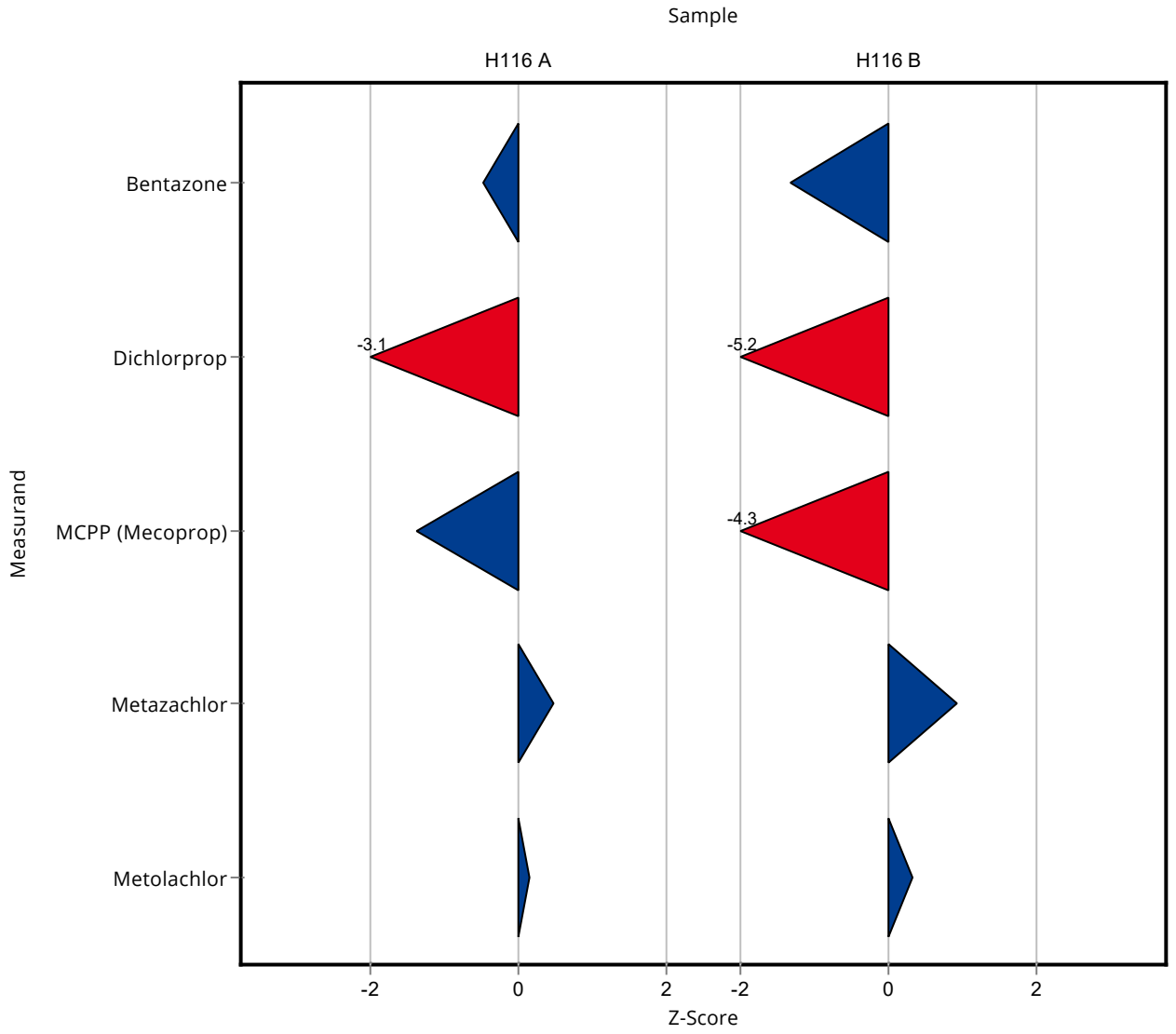
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.441 ± 0.024	0.0826	80	-1.33
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.186 ± 0.017	0.0602	37	-5.25
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0024

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.258 ± 0.028	0.0761	44	-4.30
Metazachlor	µg/l	0.588 ± 0.0262	0.653 ± 0.015	0.0705	111	0.93
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.808 ± 0.019	0.116	105	0.31
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.223 ± 0.008	0.0361	92.8	-0.95
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.096 ± 0.01	0.0185	62.2	-2.87
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0024

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.175 ± 0.023	0.0277	82	-0.82
Metazachlor	µg/l	0.122 ± 0.00493	0.129 ± 0.005	0.0146	106	0.63
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	- ± -	0.0341	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	- ± -	0.0569	-	-
Metolachlor	µg/l	0.226 ± 0.00884	0.231 ± 0.006	0.0339	102	0.33
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

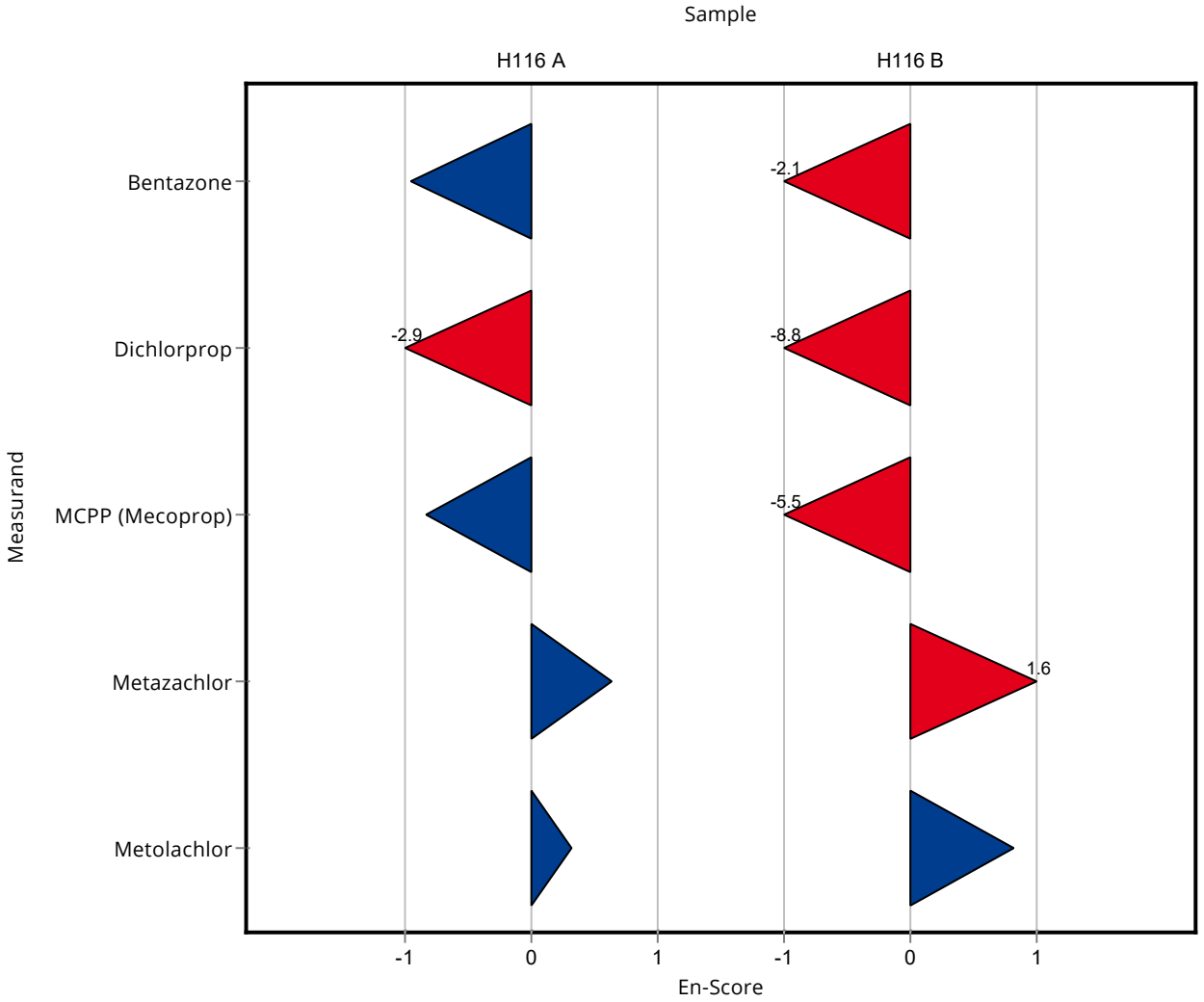
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.441 ± 0.024	0.0826	80	-2.11
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0024

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.186 ± 0.017	0.0602	37	-8.82
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.258 ± 0.028	0.0761	44	-5.54
Metazachlor	µg/l	0.588 ± 0.0262	0.653 ± 0.015	0.0705	111	1.64
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	- ± -	0.082	-	-
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	- ± -	0.149	-	-
Metolachlor	µg/l	0.772 ± 0.0234	0.808 ± 0.019	0.116	105	0.81
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-


Sample
H116 A
H116 B
Bentazone
Dichlorprop
MCPP (Mecoprop)
Metazachlor
Metolachlor
Measurand
-2.1
-2.9
-8.8
-5.5
1.6
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.237697504 ± 0.014262	0.0324	103	0.20
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.27744829 ± 0.016508	0.0361	115	1.03
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.629861318 ± 0.062986	0.0648	97.2	-0.28
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.210224267 ± 0.015872	0.0316	86.4	-1.04
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.371023452 ± 0.022818	0.0493	90.3	-0.80
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.159708036 ± 0.009902	0.0185	104	0.30
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.445695252 ± 0.02585	0.0565	86.7	-1.21
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.224375795 ± 0.014809	0.0277	105	0.39
Metazachlor	µg/l	0.122 ± 0.00493	0.130724 ± 0.00796	0.0146	107	0.60
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.184989932 ± 0.011377	0.0341	103	0.17
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.247763691 ± 0.014866	0.0569	91.4	-0.41

Summary of results Pesticides H116

Labcode: LC0025

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.2226195 ± 0.013259	0.0339	98.4	-0.10
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.230529548 ± 0.013371	0.0453	102	0.09
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.137817571 ± 0.008131	0.0191	101	0.09

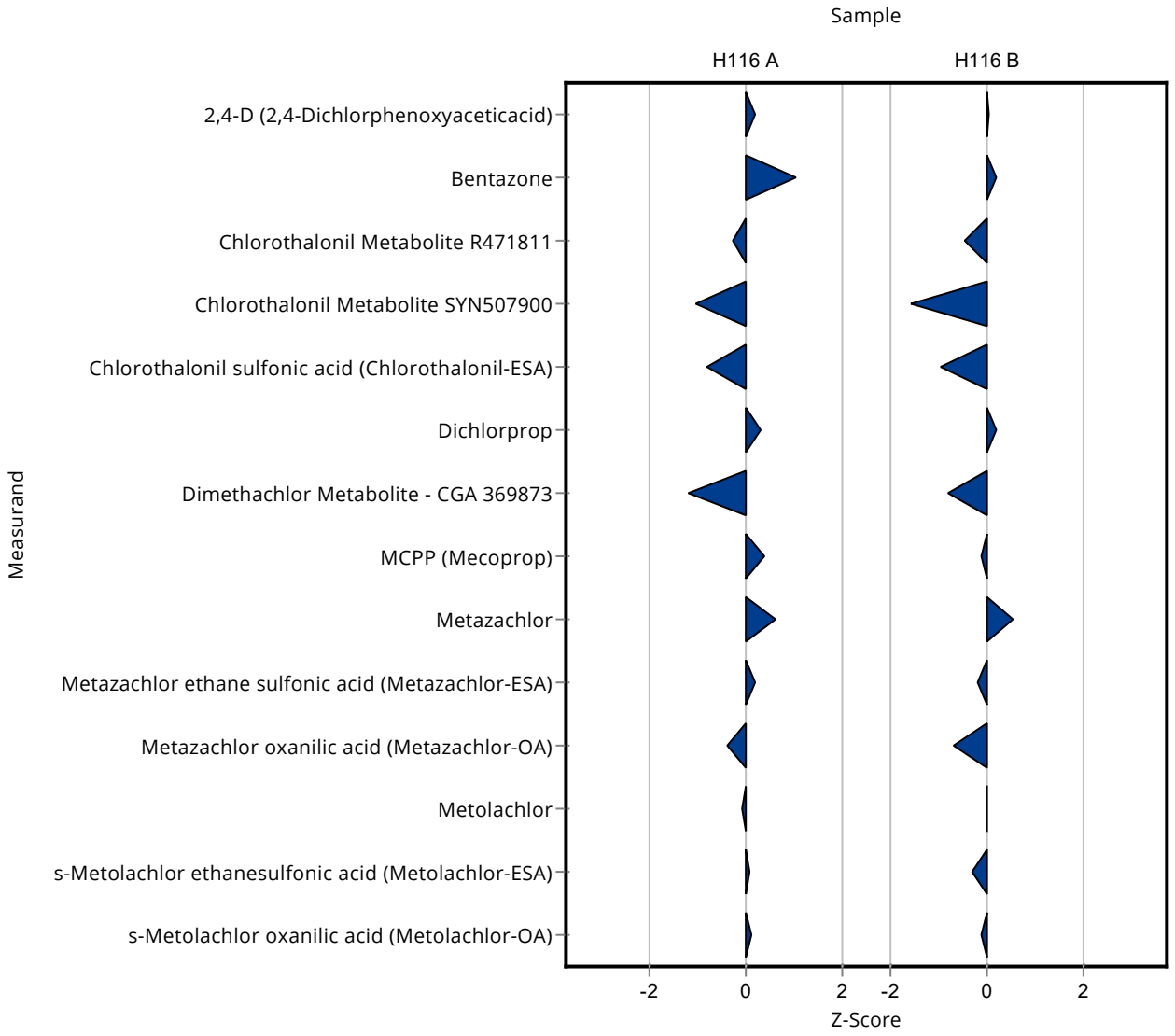
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.764343432 ± 0.045861	0.107	100	0.03
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.567797449 ± 0.033784	0.0826	103	0.20
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.468845822 ± 0.046885	0.0757	92.9	-0.47
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.566310965 ± 0.042756	0.0755	82.5	-1.59
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.553121006 ± 0.034017	0.0611	90.5	-0.95
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.513382425 ± 0.03183	0.0602	102	0.19
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.442547947 ± 0.025668	0.0811	87.3	-0.80
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0025

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.576671556 ± 0.03806	0.0761	98.5	-0.12
Metazachlor	µg/l	0.588 ± 0.0262	0.6274525 ± 0.038206	0.0705	107	0.57
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.417917969 ± 0.025702	0.082	96.8	-0.17
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.606011637 ± 0.036361	0.149	85.4	-0.70
Metolachlor	µg/l	0.772 ± 0.0234	0.7721875 ± 0.045991	0.116	100	0.00
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.515811525 ± 0.029917	0.109	94.3	-0.28
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.587208515 ± 0.034645	0.0835	98.5	-0.11



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.237697504 ± 0.014262	0.0324	103	0.22
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.27744829 ± 0.016508	0.0361	115	1.08
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.629861318 ± 0.062986	0.0648	97.2	-0.14
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.210224267 ± 0.015872	0.0316	86.4	-0.86
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.371023452 ± 0.022818	0.0493	90.3	-0.73
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.159708036 ± 0.009902	0.0185	104	0.27
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.445695252 ± 0.02585	0.0565	86.7	-1.12
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0025

Parameter	Unit	Assigned value	±	U (k=2)	Result	±	U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213	±	0.00762	0.224375795	±	0.014809	0.0277	105	0.36
Metazachlor	µg/l	0.122	±	0.00493	0.130724	±	0.00796	0.0146	107	0.53
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179	±	0.00711	0.184989932	±	0.011377	0.0341	103	0.24
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271	±	0.0175	0.247763691	±	0.014866	0.0569	91.4	-0.68
Metolachlor	µg/l	0.226	±	0.00884	0.2226195	±	0.013259	0.0339	98.4	-0.13
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227	±	0.00949	0.230529548	±	0.013371	0.0453	102	0.14
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136	±	0.00552	0.137817571	±	0.008131	0.0191	101	0.10

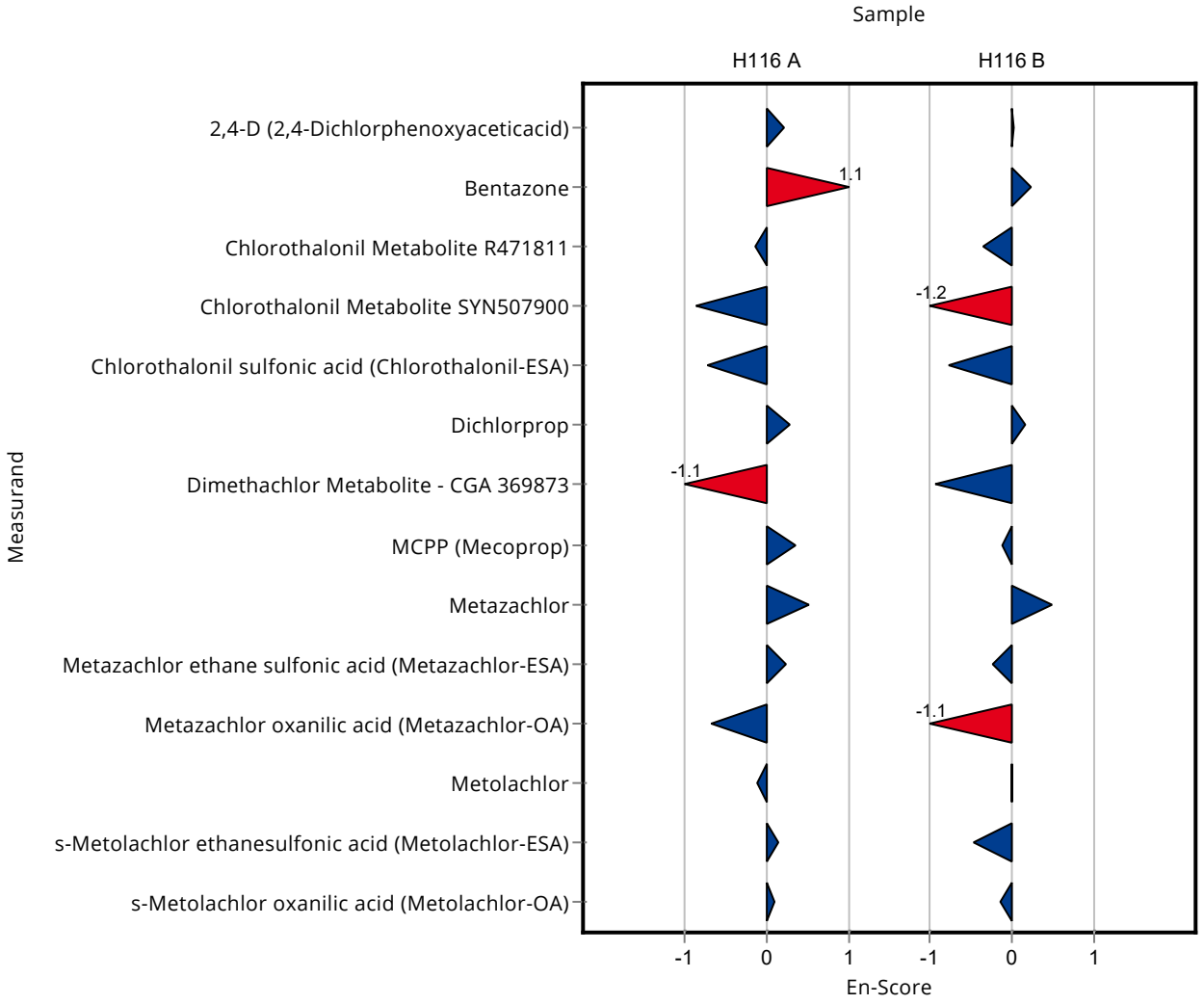
Sample: H116B

Parameter	Unit	Assigned value	±	U (k=2)	Result	±	U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635	±	0.0499	-	±	-	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761	±	0.0295	0.764343432	±	0.045861	0.107	100	0.03
Alachlor	µg/l	0.405	±	0.0158	-	±	-	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544	±	0.106	-	±	-	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565	±	0.0979	-	±	-	0.153	-	-
AMPA	µg/l	0.621	±	0.0318	-	±	-	0.0808	-	-
Bentazone	µg/l	0.551	±	0.0202	0.567797449	±	0.033784	0.0826	103	0.24
Chlorothalonil-4-hydroxy	µg/l	0.911	±	0.033	-	±	-	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505	±	0.043	0.468845822	±	0.046885	0.0757	92.9	-0.35
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5	±	0.0107	-	±	-	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	-	±	-	-	±	-	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687	±	0.0529	0.566310965	±	0.042756	0.0755	82.5	-1.20

Summary of results Pesticides H116 - En-Score

Labcode: LC0025

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.553121006 ± 0.034017	0.0611	90.5	-0.77
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.513382425 ± 0.03183	0.0602	102	0.18
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.442547947 ± 0.025668	0.0811	87.3	-0.95
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.576671556 ± 0.03806	0.0761	98.5	-0.12
Metazachlor	µg/l	0.588 ± 0.0262	0.6274525 ± 0.038206	0.0705	107	0.49
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.417917969 ± 0.025702	0.082	96.8	-0.24
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.606011637 ± 0.036361	0.149	85.4	-1.15
Metolachlor	µg/l	0.772 ± 0.0234	0.7721875 ± 0.045991	0.116	100	0.01
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.515811525 ± 0.029917	0.109	94.3	-0.47
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.587208515 ± 0.034645	0.0835	98.5	-0.13


Sample
H116 A
H116 B
2,4-D (2,4-Dichlorphenoxyaceticacid)
Bentazone
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite SYN507900
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dichlorprop
Dimethachlor Metabolite - CGA 369873
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
1.1
-1.2
-1.1
-1.1
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.268 ± 0.054	0.0458	105	0.29
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.292 ± 0.058	0.0324	126	1.88
Alachlor	µg/l	0.17 ± 0.0095	0.175 ± 0.035	0.0203	103	0.27
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.225 ± 0.045	0.0306	110	0.69
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.197 ± 0.039	0.0296	86.5	-1.04
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.27 ± 0.054	0.0361	112	0.82
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.33 ± 0.099	0.033	100	0.01
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.546 ± 0.164	0.0648	84.3	-1.57
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.21 ± 0.063	0.0371	108	0.40
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.214 ± 0.064	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.275 ± 0.082	0.0316	113	1.01
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.18 ± 0.054	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.405 ± 0.122	0.0493	98.6	-0.12
Dicamba	µg/l	0.286 ± 0.0238	0.219 ± 0.044	0.0573	76.5	-1.18
Dichlorprop	µg/l	0.154 ± 0.0034	0.167 ± 0.033	0.0185	108	0.69
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.562 ± 0.112	0.0565	109	0.85
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.228 ± 0.046	0.0277	107	0.52
Metazachlor	µg/l	0.122 ± 0.00493	0.142 ± 0.028	0.0146	116	1.37
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.183 ± 0.037	0.0341	102	0.11
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.335 ± 0.067	0.0569	124	1.12

Summary of results Pesticides H116

Labcode: LC0026

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.253 ± 0.051	0.0339	112	0.79
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.239 ± 0.048	0.0453	105	0.27
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.162 ± 0.032	0.0191	119	1.36

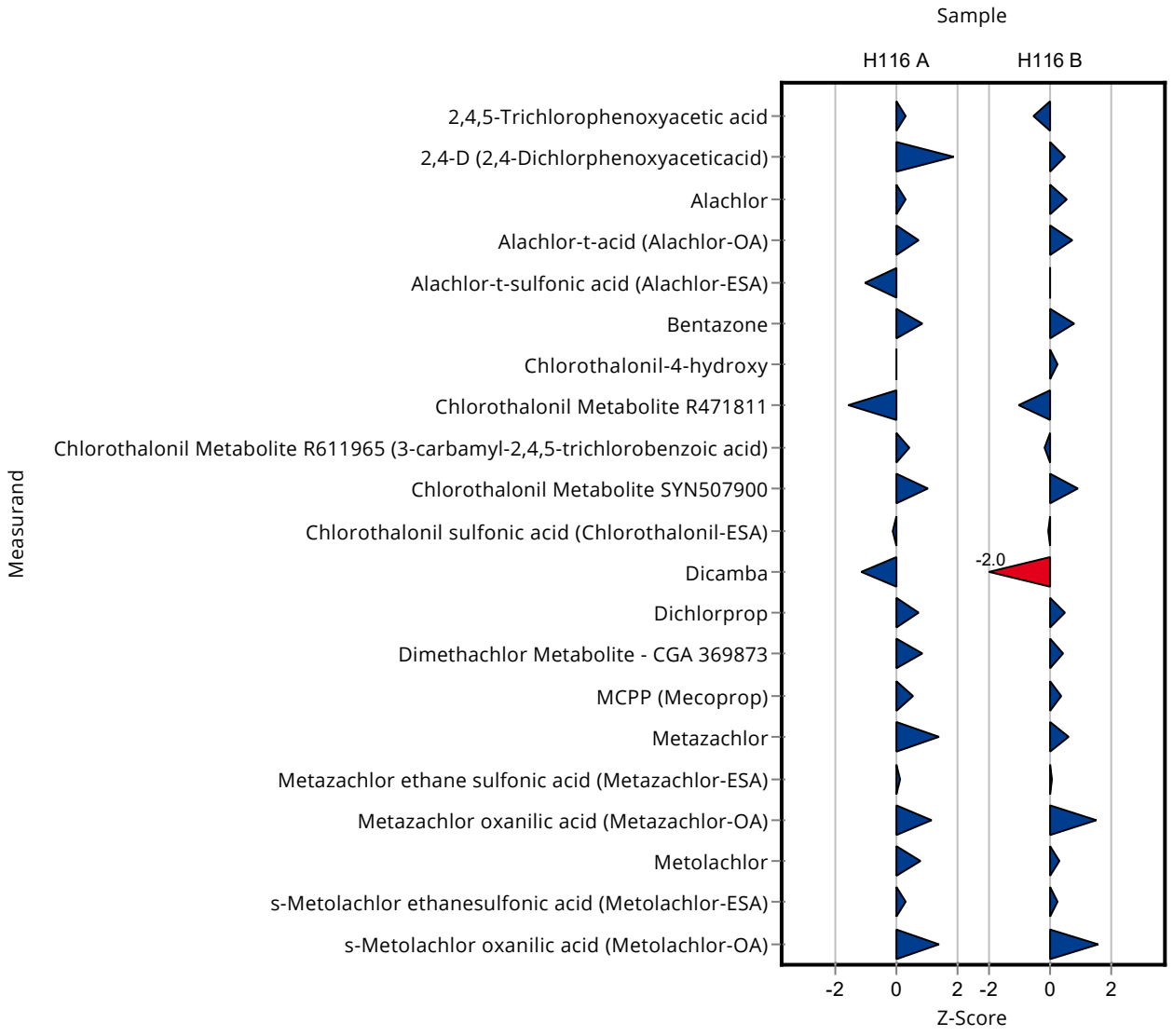
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.574 ± 0.115	0.114	90.4	-0.53
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.813 ± 0.163	0.107	107	0.49
Alachlor	µg/l	0.405 ± 0.0158	0.433 ± 0.087	0.0487	107	0.57
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.656 ± 0.131	0.152	121	0.74
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.569 ± 0.114	0.153	101	0.03
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.614 ± 0.123	0.0826	111	0.76
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.932 ± 0.28	0.0911	102	0.23
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.427 ± 0.128	0.0757	84.6	-1.03
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.493 ± 0.148	0.05	98.5	-0.15
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.566 ± 0.17	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.754 ± 0.226	0.0755	110	0.89
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.517 ± 0.155	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.609 ± 0.183	0.0611	99.7	-0.03
Dicamba	µg/l	0.626 ± 0.0445	0.374 ± 0.075	0.125	59.7	-2.01
Dichlorprop	µg/l	0.502 ± 0.0113	0.533 ± 0.107	0.0602	106	0.51
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.541 ± 0.108	0.0811	107	0.42
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0026

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.614 ± 0.123	0.0761	105	0.37
Metazachlor	µg/l	0.588 ± 0.0262	0.632 ± 0.126	0.0705	108	0.63
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.436 ± 0.087	0.082	101	0.05
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.94 ± 0.188	0.149	132	1.55
Metolachlor	µg/l	0.772 ± 0.0234	0.807 ± 0.161	0.116	105	0.31
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.577 ± 0.115	0.109	106	0.28
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.727 ± 0.145	0.0835	122	1.56



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.268 ± 0.054	0.0458	105	0.12
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.292 ± 0.058	0.0324	126	0.52
Alachlor	µg/l	0.17 ± 0.0095	0.175 ± 0.035	0.0203	103	0.08
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.225 ± 0.045	0.0306	110	0.23
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.197 ± 0.039	0.0296	86.5	-0.38
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.27 ± 0.054	0.0361	112	0.27
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.33 ± 0.099	0.033	100	0.00
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.546 ± 0.164	0.0648	84.3	-0.31
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.21 ± 0.063	0.0371	108	0.12
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.214 ± 0.064	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.275 ± 0.082	0.0316	113	0.19
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.18 ± 0.054	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.405 ± 0.122	0.0493	98.6	-0.02
Dicamba	µg/l	0.286 ± 0.0238	0.219 ± 0.044	0.0573	76.5	-0.74
Dichlorprop	µg/l	0.154 ± 0.0034	0.167 ± 0.033	0.0185	108	0.19
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.562 ± 0.112	0.0565	109	0.21
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0026

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.228 ± 0.046	0.0277	107	0.16
Metazachlor	µg/l	0.122 ± 0.00493	0.142 ± 0.028	0.0146	116	0.36
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.183 ± 0.037	0.0341	102	0.05
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.335 ± 0.067	0.0569	124	0.47
Metolachlor	µg/l	0.226 ± 0.00884	0.253 ± 0.051	0.0339	112	0.26
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.239 ± 0.048	0.0453	105	0.13
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.162 ± 0.032	0.0191	119	0.40

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.574 ± 0.115	0.114	90.4	-0.26
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.813 ± 0.163	0.107	107	0.16
Alachlor	µg/l	0.405 ± 0.0158	0.433 ± 0.087	0.0487	107	0.16
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.656 ± 0.131	0.152	121	0.40
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.569 ± 0.114	0.153	101	0.02
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.614 ± 0.123	0.0826	111	0.26
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.932 ± 0.28	0.0911	102	0.04
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.427 ± 0.128	0.0757	84.6	-0.30
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.493 ± 0.148	0.05	98.5	-0.02
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.566 ± 0.17	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.754 ± 0.226	0.0755	110	0.15

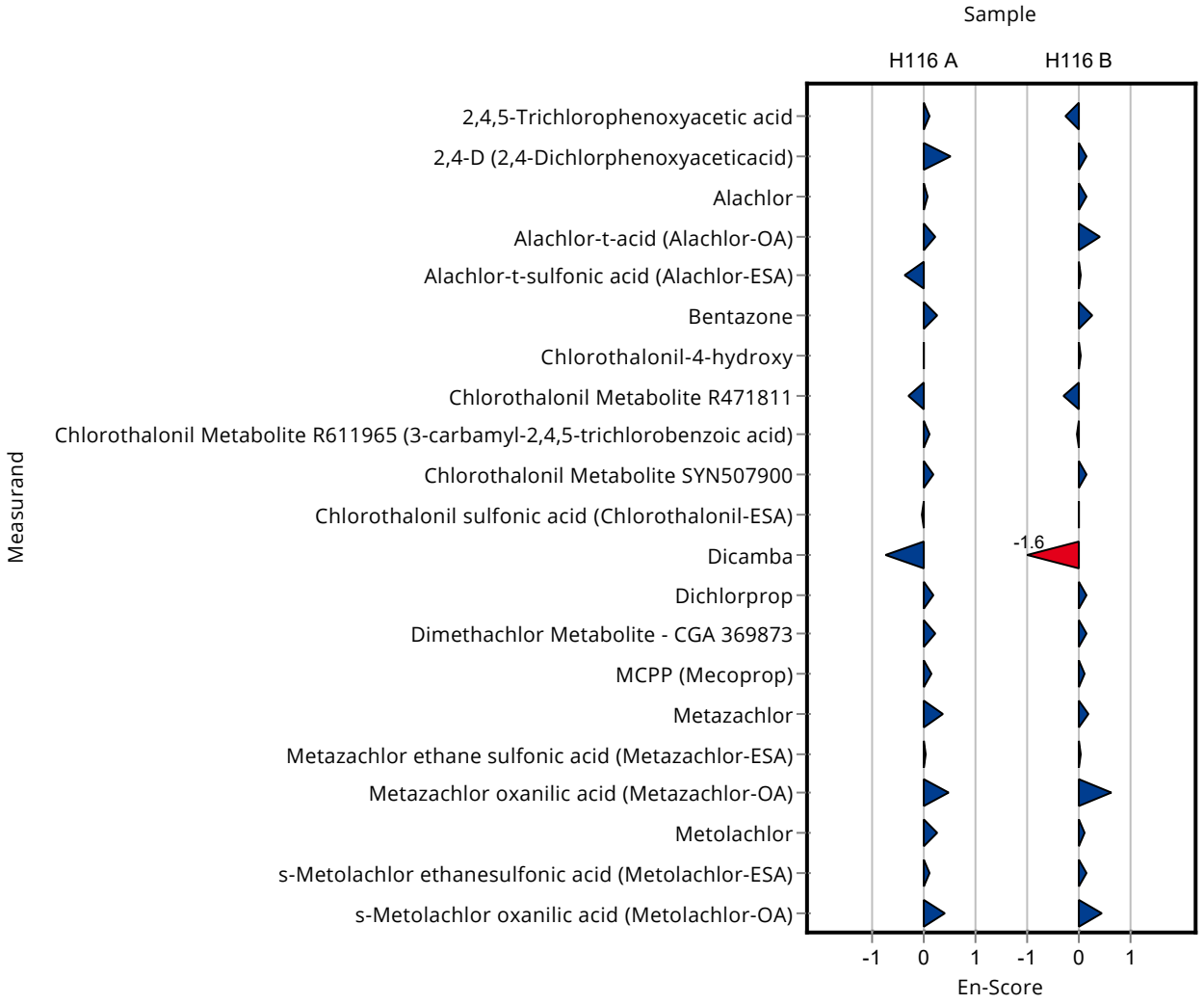
Summary of results Pesticides H116 - En-Score

Labcode: LC0026

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.517 ± 0.155	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.609 ± 0.183	0.0611	99.7	-0.01
Dicamba	µg/l	0.626 ± 0.0445	0.374 ± 0.075	0.125	59.7	-1.61
Dichlorprop	µg/l	0.502 ± 0.0113	0.533 ± 0.107	0.0602	106	0.14
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.541 ± 0.108	0.0811	107	0.15
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.614 ± 0.123	0.0761	105	0.11
Metazachlor	µg/l	0.588 ± 0.0262	0.632 ± 0.126	0.0705	108	0.18
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.436 ± 0.087	0.082	101	0.02
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.94 ± 0.188	0.149	132	0.61
Metolachlor	µg/l	0.772 ± 0.0234	0.807 ± 0.161	0.116	105	0.11
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.577 ± 0.115	0.109	106	0.13
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.727 ± 0.145	0.0835	122	0.45

Summary of results Pesticides H116 - En-Score

Labcode: LC0026



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.12 ± 0.036	0.0458	47.1	-2.94
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.168 ± 0.042	0.0324	72.7	-1.95
Alachlor	µg/l	0.17 ± 0.0095	0.162 ± 0.032	0.0203	95.5	-0.37
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.129 ± 0.026	0.0306	63.3	-2.45
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.19 ± 0.038	0.0296	83.4	-1.27
AMPA	µg/l	0.132 ± 0.00728	0.11 ± 0.028	0.0171	83.6	-1.26
Bentazone	µg/l	0.24 ± 0.00899	0.146 ± 0.029	0.0361	60.7	-2.62
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.419 ± 0.084	0.0648	64.7	-3.53
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.108 ± 0.022	0.0371	55.3	-2.35
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.252 ± 0.05	0.0573	88	-0.60
Dichlorprop	µg/l	0.154 ± 0.0034	0.0943 ± 0.0189	0.0185	61.1	-3.24
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.596 ± 0.119	0.0565	116	1.45
Glufosinate	µg/l	0.128 ± 0.0187	0.0823 ± 0.0206	0.0436	64.2	-1.05
Glyphosate	µg/l	0.191 ± 0.0114	0.187 ± 0.047	0.0382	98	-0.10
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.182 ± 0.036	0.0277	85.3	-1.13
Metazachlor	µg/l	0.122 ± 0.00493	0.173 ± 0.035	0.0146	142	3.49
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.126 ± 0.025	0.0341	70.3	-1.56
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.18 ± 0.036	0.0569	66.4	-1.60

Summary of results Pesticides H116

Labcode: LC0027

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.226 ± 0.045	0.0339	99.9	0.00
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.126 ± 0.025	0.0453	55.6	-2.22
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.1 ± 0.02	0.0191	73.5	-1.89

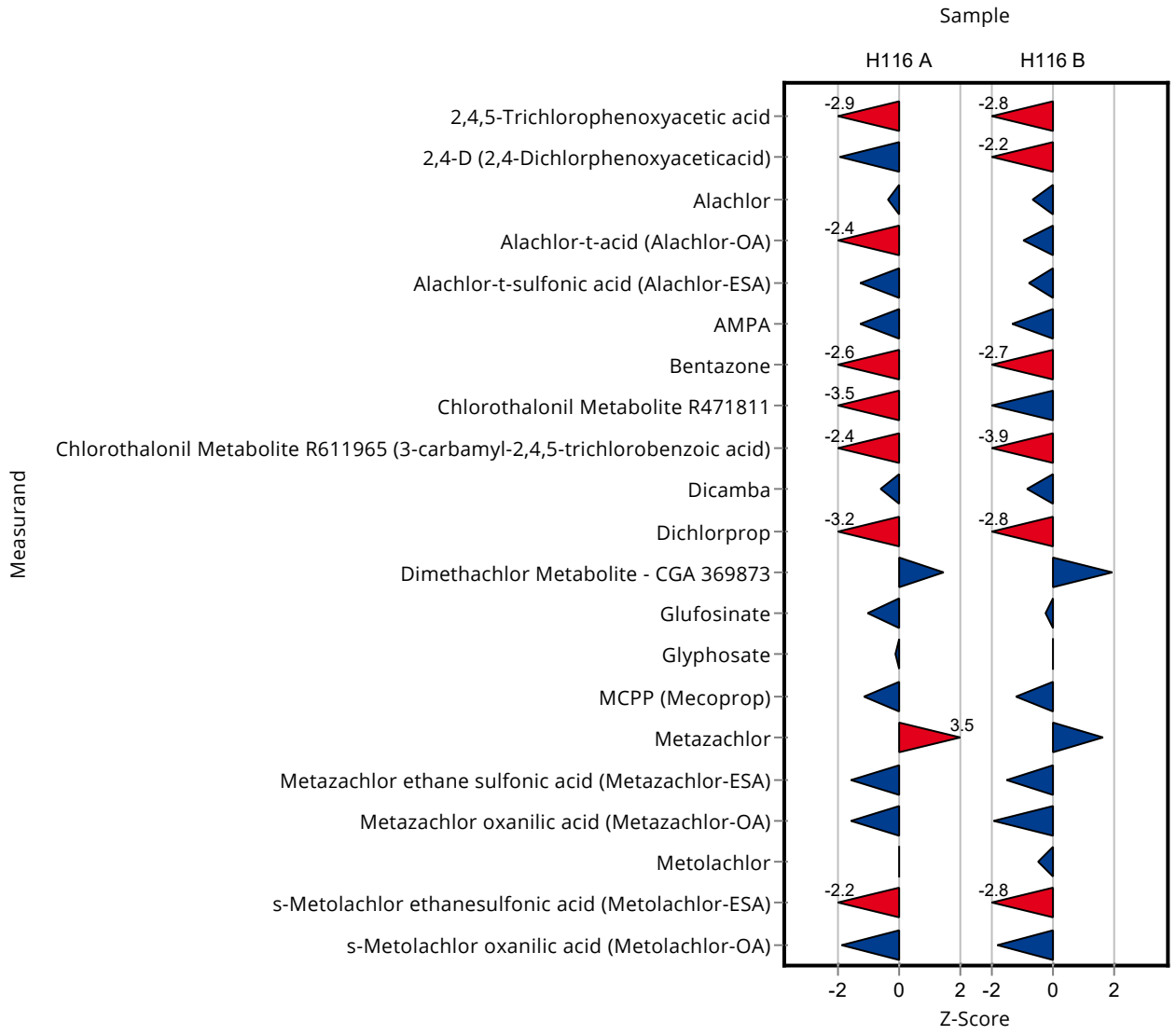
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.31 ± 0.093	0.114	48.8	-2.84
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.528 ± 0.132	0.107	69.4	-2.19
Alachlor	µg/l	0.405 ± 0.0158	0.373 ± 0.075	0.0487	92	-0.67
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.396 ± 0.079	0.152	72.9	-0.97
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.448 ± 0.09	0.153	79.3	-0.77
AMPA	µg/l	0.621 ± 0.0318	0.513 ± 0.128	0.0808	82.6	-1.34
Bentazone	µg/l	0.551 ± 0.0202	0.329 ± 0.066	0.0826	59.7	-2.69
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.356 ± 0.071	0.0757	70.5	-1.96
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.307 ± 0.061	0.05	61.4	-3.86
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.52 ± 0.104	0.125	83.1	-0.85
Dichlorprop	µg/l	0.502 ± 0.0113	0.331 ± 0.066	0.0602	65.9	-2.84
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.665 ± 0.133	0.0811	131	1.95
Glufosinate	µg/l	0.254 ± 0.0247	0.233 ± 0.058	0.0865	91.6	-0.25
Glyphosate	µg/l	0.528 ± 0.0292	0.526 ± 0.132	0.106	99.6	-0.02

Summary of results Pesticides H116

Labcode: LC0027

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.495 ± 0.099	0.0761	84.5	-1.19
Metazachlor	µg/l	0.588 ± 0.0262	0.704 ± 0.141	0.0705	120	1.65
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.306 ± 0.061	0.082	70.9	-1.53
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.422 ± 0.084	0.149	59.5	-1.93
Metolachlor	µg/l	0.772 ± 0.0234	0.713 ± 0.143	0.116	92.4	-0.51
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.237 ± 0.047	0.109	43.3	-2.83
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.445 ± 0.089	0.0835	74.6	-1.81



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	0.12 ± 0.036	0.0458	47.1	-1.83
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.168 ± 0.042	0.0324	72.7	-0.75
Alachlor	µg/l	0.17 ± 0.0095	0.162 ± 0.032	0.0203	95.5	-0.12
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	0.129 ± 0.026	0.0306	63.3	-1.40
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.19 ± 0.038	0.0296	83.4	-0.47
AMPA	µg/l	0.132 ± 0.00728	0.11 ± 0.028	0.0171	83.6	-0.38
Bentazone	µg/l	0.24 ± 0.00899	0.146 ± 0.029	0.0361	60.7	-1.61
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.419 ± 0.084	0.0648	64.7	-1.33
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.108 ± 0.022	0.0371	55.3	-1.73
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	0.252 ± 0.05	0.0573	88	-0.33
Dichlorprop	µg/l	0.154 ± 0.0034	0.0943 ± 0.0189	0.0185	61.1	-1.58
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.596 ± 0.119	0.0565	116	0.34
Glufosinate	µg/l	0.128 ± 0.0187	0.0823 ± 0.0206	0.0436	64.2	-1.01
Glyphosate	µg/l	0.191 ± 0.0114	0.187 ± 0.047	0.0382	98	-0.04

Summary of results Pesticides H116 - En-Score

Labcode: LC0027

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.182 ± 0.036	0.0277	85.3	-0.43
Metazachlor	µg/l	0.122 ± 0.00493	0.173 ± 0.035	0.0146	142	0.73
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.126 ± 0.025	0.0341	70.3	-1.06
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.18 ± 0.036	0.0569	66.4	-1.23
Metolachlor	µg/l	0.226 ± 0.00884	0.226 ± 0.045	0.0339	99.9	0.00
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.126 ± 0.025	0.0453	55.6	-1.98
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.1 ± 0.02	0.0191	73.5	-0.89

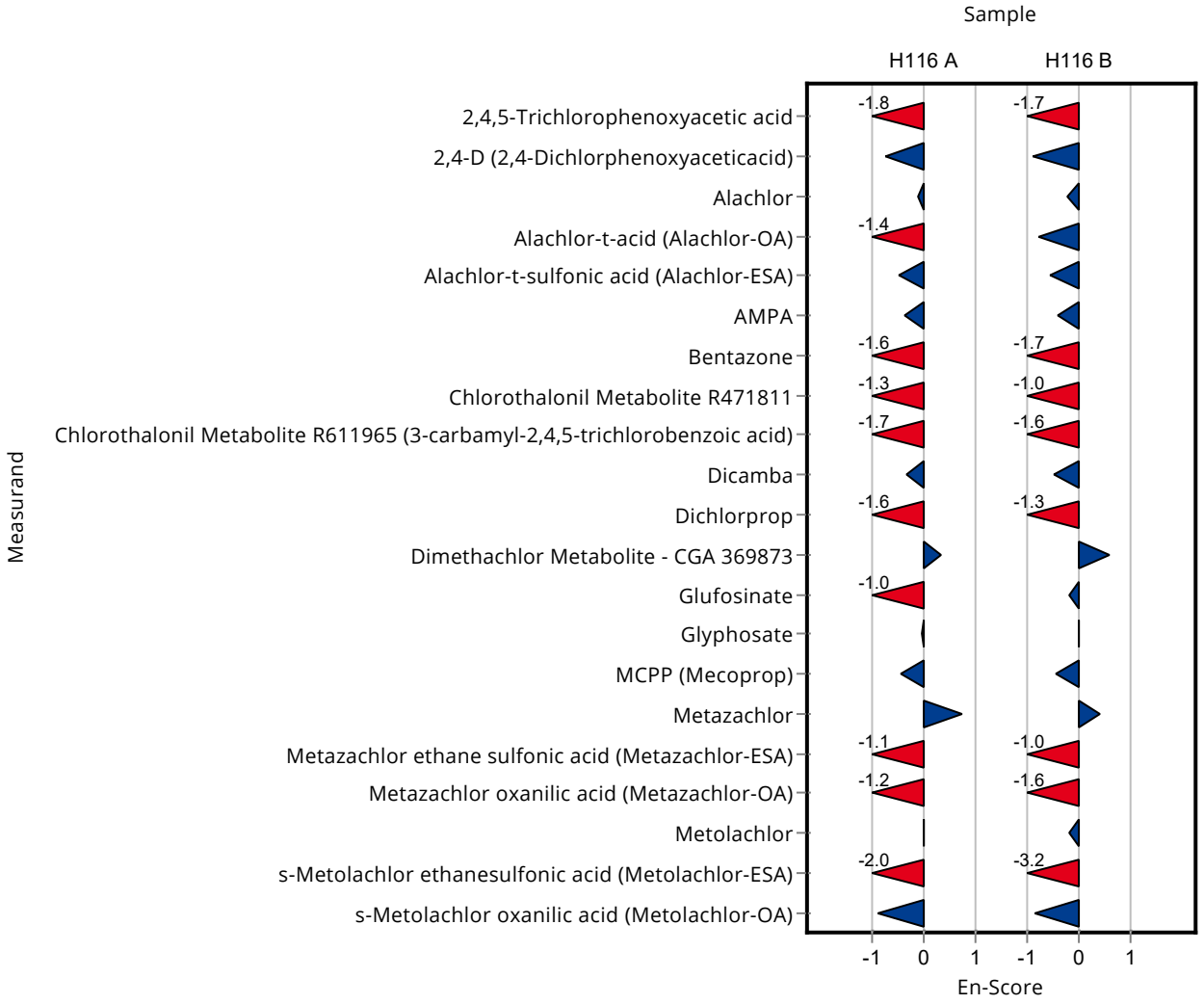
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	0.31 ± 0.093	0.114	48.8	-1.69
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.528 ± 0.132	0.107	69.4	-0.88
Alachlor	µg/l	0.405 ± 0.0158	0.373 ± 0.075	0.0487	92	-0.22
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	0.396 ± 0.079	0.152	72.9	-0.78
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.448 ± 0.09	0.153	79.3	-0.57
AMPA	µg/l	0.621 ± 0.0318	0.513 ± 0.128	0.0808	82.6	-0.42
Bentazone	µg/l	0.551 ± 0.0202	0.329 ± 0.066	0.0826	59.7	-1.66
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.356 ± 0.071	0.0757	70.5	-1.00
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.307 ± 0.061	0.05	61.4	-1.58
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0027

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	0.52 ± 0.104	0.125	83.1	-0.50
Dichlorprop	µg/l	0.502 ± 0.0113	0.331 ± 0.066	0.0602	65.9	-1.29
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.665 ± 0.133	0.0811	131	0.59
Glufosinate	µg/l	0.254 ± 0.0247	0.233 ± 0.058	0.0865	91.6	-0.18
Glyphosate	µg/l	0.528 ± 0.0292	0.526 ± 0.132	0.106	99.6	-0.01
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.495 ± 0.099	0.0761	84.5	-0.46
Metazachlor	µg/l	0.588 ± 0.0262	0.704 ± 0.141	0.0705	120	0.41
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.306 ± 0.061	0.082	70.9	-1.00
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.422 ± 0.084	0.149	59.5	-1.63
Metolachlor	µg/l	0.772 ± 0.0234	0.713 ± 0.143	0.116	92.4	-0.20
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.237 ± 0.047	0.109	43.3	-3.15
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.445 ± 0.089	0.0835	74.6	-0.85


Sample
H116 A
H116 B
Measurand
2,4,5-Trichlorophenoxyacetic acid
2,4-D (2,4-Dichlorphenoxyaceticacid)
Alachlor
Alachlor-t-acid (Alachlor-OA)
Alachlor-t-sulfonic acid (Alachlor-ESA)
AMPA
Bentazone
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Dicamba
Dichlorprop
Dimethachlor Metabolite - CGA 369873
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
-1.8
-1.7
-1.4
-1.6
-1.7
-1.3
-1.0
-1.7
-1.6
-1.6
-1.3
-1.0
-1.1
-1.0
-1.2
-1.6
-2.0
-3.2
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.144 ± 0.005	0.0171	109	0.73
Bentazone	µg/l	0.24 ± 0.00899	0.258 ± 0.032	0.0361	107	0.49
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.228 ± 0.018	0.0371	117	0.88
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.504 ± 0.038	0.0493	123	1.89
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.155 ± 0.025	0.0185	101	0.04
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.147 ± 0.008	0.0436	115	0.43
Glyphosate	µg/l	0.191 ± 0.0114	0.196 ± 0.007	0.0382	103	0.14
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.237 ± 0.029	0.0277	111	0.85
Metazachlor	µg/l	0.122 ± 0.00493	0.121 ± 0.009	0.0146	99.2	-0.06
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.248 ± 0.014	0.0341	138	2.02
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.316 ± 0.034	0.0569	117	0.79

Summary of results Pesticides H116

Labcode: LC0028

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.222 ± 0.006	0.0339	98.2	-0.12
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.258 ± 0.012	0.0453	114	0.69
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.136 ± 0.011	0.0191	99.9	-0.01

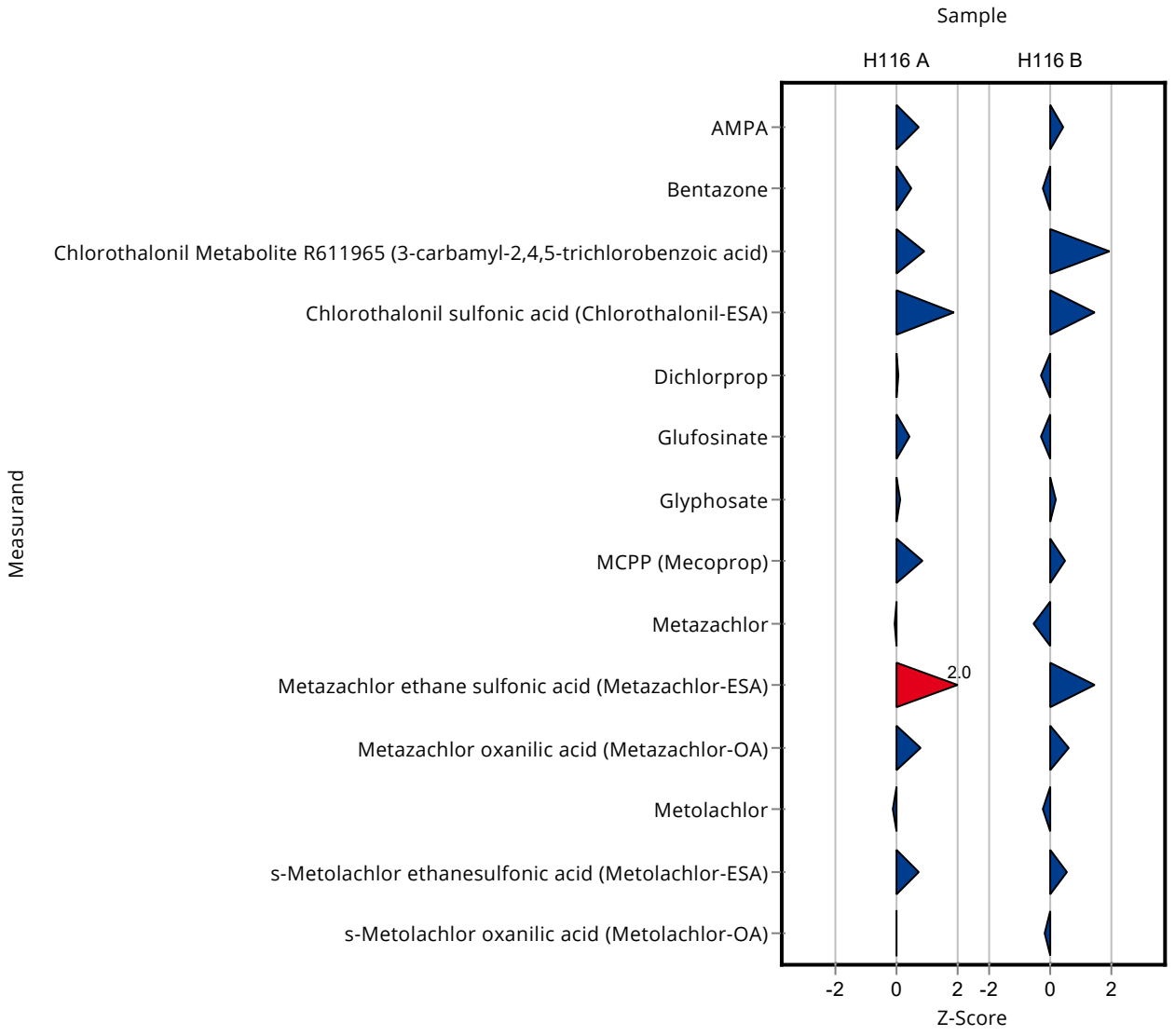
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.656 ± 0.004	0.0808	106	0.43
Bentazone	µg/l	0.551 ± 0.0202	0.53 ± 0.049	0.0826	96.2	-0.25
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.597 ± 0.032	0.05	119	1.93
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.7 ± 0.097	0.0611	115	1.46
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.484 ± 0.088	0.0602	96.4	-0.30
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.229 ± 0.006	0.0865	90	-0.29
Glyphosate	µg/l	0.528 ± 0.0292	0.55 ± 0.011	0.106	104	0.21

Summary of results Pesticides H116

Labcode: LC0028

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.623 ± 0.055	0.0761	106	0.49
Metazachlor	µg/l	0.588 ± 0.0262	0.551 ± 0.026	0.0705	93.8	-0.52
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.552 ± 0.05	0.082	128	1.47
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.805 ± 0.042	0.149	113	0.64
Metolachlor	µg/l	0.772 ± 0.0234	0.741 ± 0.045	0.116	96	-0.27
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.61 ± 0.032	0.109	112	0.58
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.581 ± 0.058	0.0835	97.4	-0.18



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	- ± -	0.0324	-	-
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	0.144 ± 0.005	0.0171	109	1.01
Bentazone	µg/l	0.24 ± 0.00899	0.258 ± 0.032	0.0361	107	0.27
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	- ± -	0.0648	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.228 ± 0.018	0.0371	117	0.75
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.504 ± 0.038	0.0493	123	1.15
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.155 ± 0.025	0.0185	101	0.02
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	0.147 ± 0.008	0.0436	115	0.77
Glyphosate	µg/l	0.191 ± 0.0114	0.196 ± 0.007	0.0382	103	0.29

Summary of results Pesticides H116 - En-Score

Labcode: LC0028

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	0.237 ± 0.029	0.0277	111	0.40
Metazachlor	µg/l	0.122 ± 0.00493	0.121 ± 0.009	0.0146	99.2	-0.05
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.248 ± 0.014	0.0341	138	2.38
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.316 ± 0.034	0.0569	117	0.64
Metolachlor	µg/l	0.226 ± 0.00884	0.222 ± 0.006	0.0339	98.2	-0.28
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.258 ± 0.012	0.0453	114	1.22
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.136 ± 0.011	0.0191	99.9	0.00

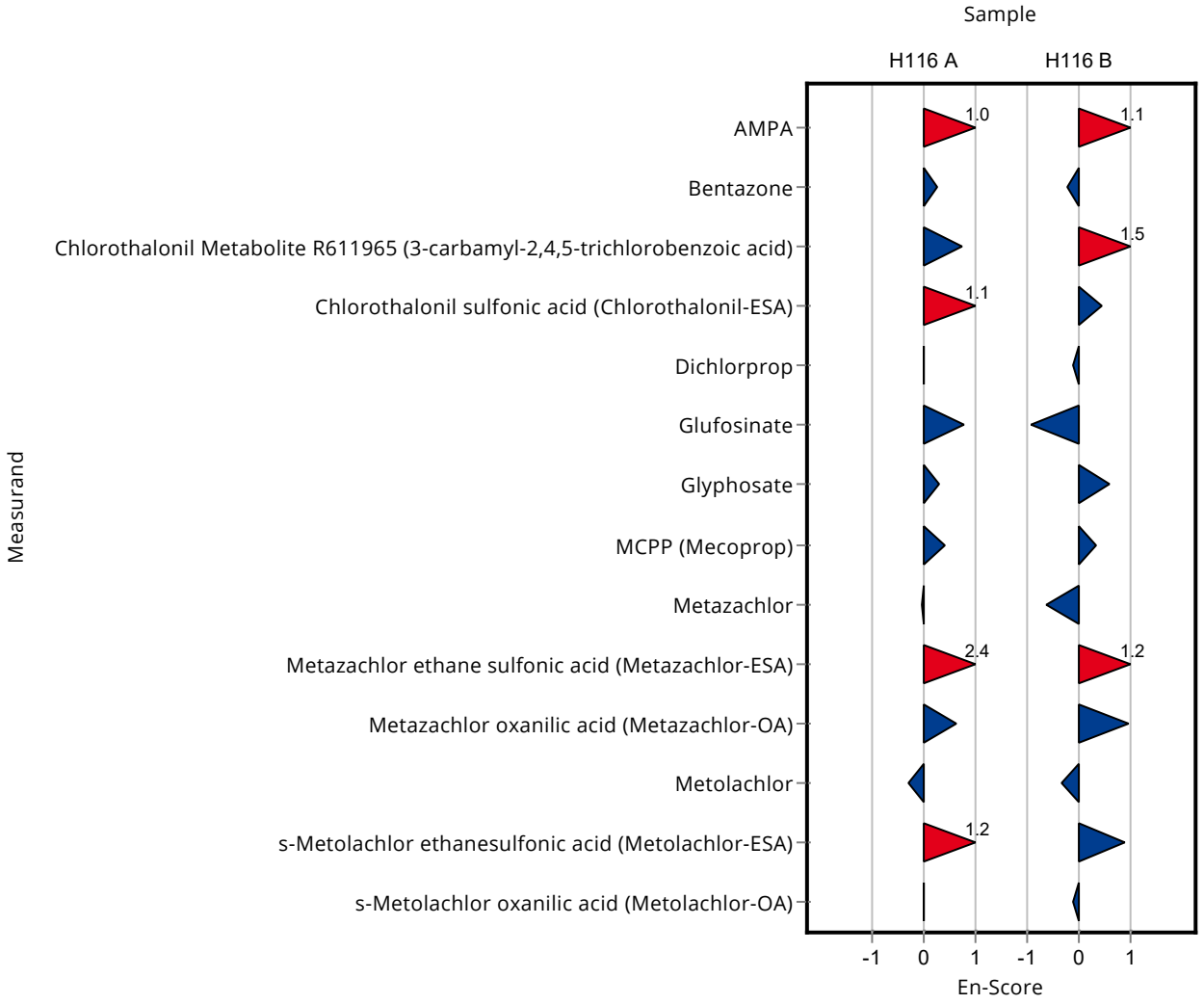
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	- ± -	0.107	-	-
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	0.656 ± 0.004	0.0808	106	1.05
Bentazone	µg/l	0.551 ± 0.0202	0.53 ± 0.049	0.0826	96.2	-0.21
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	- ± -	0.0757	-	-
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.597 ± 0.032	0.05	119	1.49
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0028

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.7 ± 0.097	0.0611	115	0.45
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.484 ± 0.088	0.0602	96.4	-0.10
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	0.229 ± 0.006	0.0865	90	-0.93
Glyphosate	µg/l	0.528 ± 0.0292	0.55 ± 0.011	0.106	104	0.60
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.623 ± 0.055	0.0761	106	0.33
Metazachlor	µg/l	0.588 ± 0.0262	0.551 ± 0.026	0.0705	93.8	-0.63
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.552 ± 0.05	0.082	128	1.16
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.805 ± 0.042	0.149	113	0.96
Metolachlor	µg/l	0.772 ± 0.0234	0.741 ± 0.045	0.116	96	-0.33
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.61 ± 0.032	0.109	112	0.90
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.581 ± 0.058	0.0835	97.4	-0.13


Sample
H116 A
H116 B
Measurand
AMPA
Bentazone
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dichlorprop
Glufosinate
Glyphosate
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
1.0
1.1
1.5
1.1
2.4
1.2
1.2
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.255 ± 0.08	0.0324	110	0.73
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.21 ± 0.06	0.0361	87.4	-0.84
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.31 ± 0.09	0.033	94.1	-0.59
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.66 ± 0.2	0.0648	102	0.19
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.185 ± 0.06	0.0371	94.8	-0.28
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.185 ± 0.06	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.23 ± 0.07	0.0316	94.6	-0.42
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.185 ± 0.06	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.465 ± 0.14	0.0493	113	1.10
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.15 ± 0.05	0.0185	97.3	-0.23
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.57 ± 0.17	0.0565	111	0.99
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.11 ± 0.03	0.0146	90.2	-0.82
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.155 ± 0.05	0.0341	86.5	-0.71
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.29 ± 0.09	0.0569	107	0.33

Summary of results Pesticides H116

Labcode: LC0029

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	0.195 ± 0.06	0.0339	86.2	-0.92
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.25 ± 0.08	0.0453	110	0.52
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.14 ± 0.04	0.0191	103	0.20

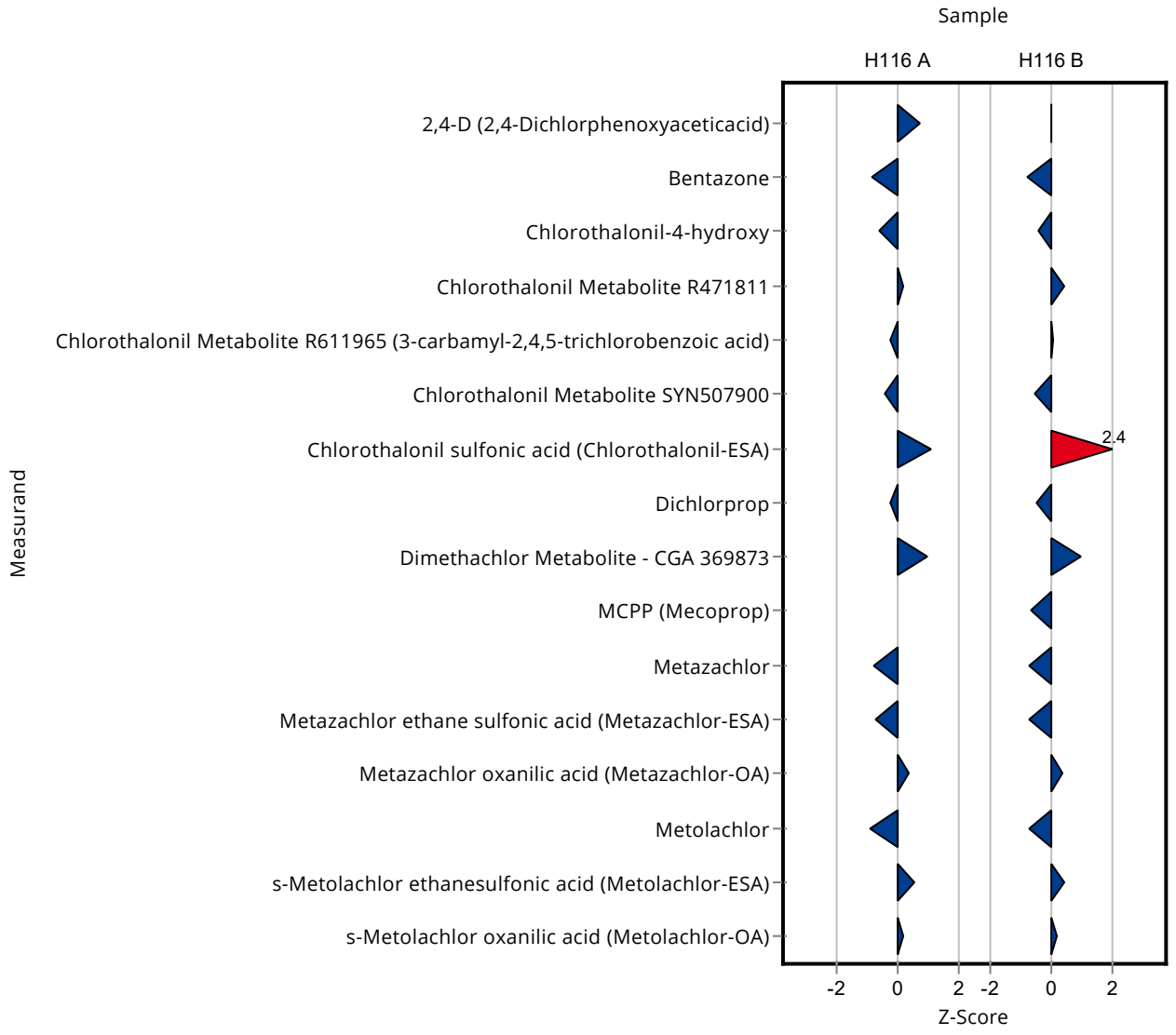
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.765 ± 0.23	0.107	100	0.04
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.485 ± 0.15	0.0826	88	-0.80
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.875 ± 0.26	0.0911	96	-0.40
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.535 ± 0.16	0.0757	106	0.40
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.505 ± 0.15	0.05	101	0.09
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.51 ± 0.15	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.645 ± 0.19	0.0755	94	-0.55
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.565 ± 0.17	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.755 ± 0.23	0.0611	124	2.36
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.475 ± 0.14	0.0602	94.6	-0.45
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.585 ± 0.18	0.0811	115	0.96
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-

Summary of results Pesticides H116

Labcode: LC0029

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.535 ± 0.16	0.0761	91.3	-0.67
Metazachlor	µg/l	0.588 ± 0.0262	0.535 ± 0.16	0.0705	91.1	-0.75
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.375 ± 0.11	0.082	86.9	-0.69
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.765 ± 0.23	0.149	108	0.37
Metolachlor	µg/l	0.772 ± 0.0234	0.69 ± 0.21	0.116	89.4	-0.71
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.595 ± 0.18	0.109	109	0.44
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.61 ± 0.18	0.0835	102	0.16



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.255 ± 0.08	0.0324	110	0.15
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	- ± -	0.0296	-	-
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.21 ± 0.06	0.0361	87.4	-0.25
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	0.31 ± 0.09	0.033	94.1	-0.11
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.66 ± 0.2	0.0648	102	0.03
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	0.185 ± 0.06	0.0371	94.8	-0.08
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.185 ± 0.06	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	0.23 ± 0.07	0.0316	94.6	-0.09
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.185 ± 0.06	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	0.465 ± 0.14	0.0493	113	0.19
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.15 ± 0.05	0.0185	97.3	-0.04
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	0.57 ± 0.17	0.0565	111	0.16
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	- ± -	0.0382	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0029

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.11 ± 0.03	0.0146	90.2	-0.20
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.155 ± 0.05	0.0341	86.5	-0.24
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.29 ± 0.09	0.0569	107	0.10
Metolachlor	µg/l	0.226 ± 0.00884	0.195 ± 0.06	0.0339	86.2	-0.26
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	0.25 ± 0.08	0.0453	110	0.15
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	0.14 ± 0.04	0.0191	103	0.05

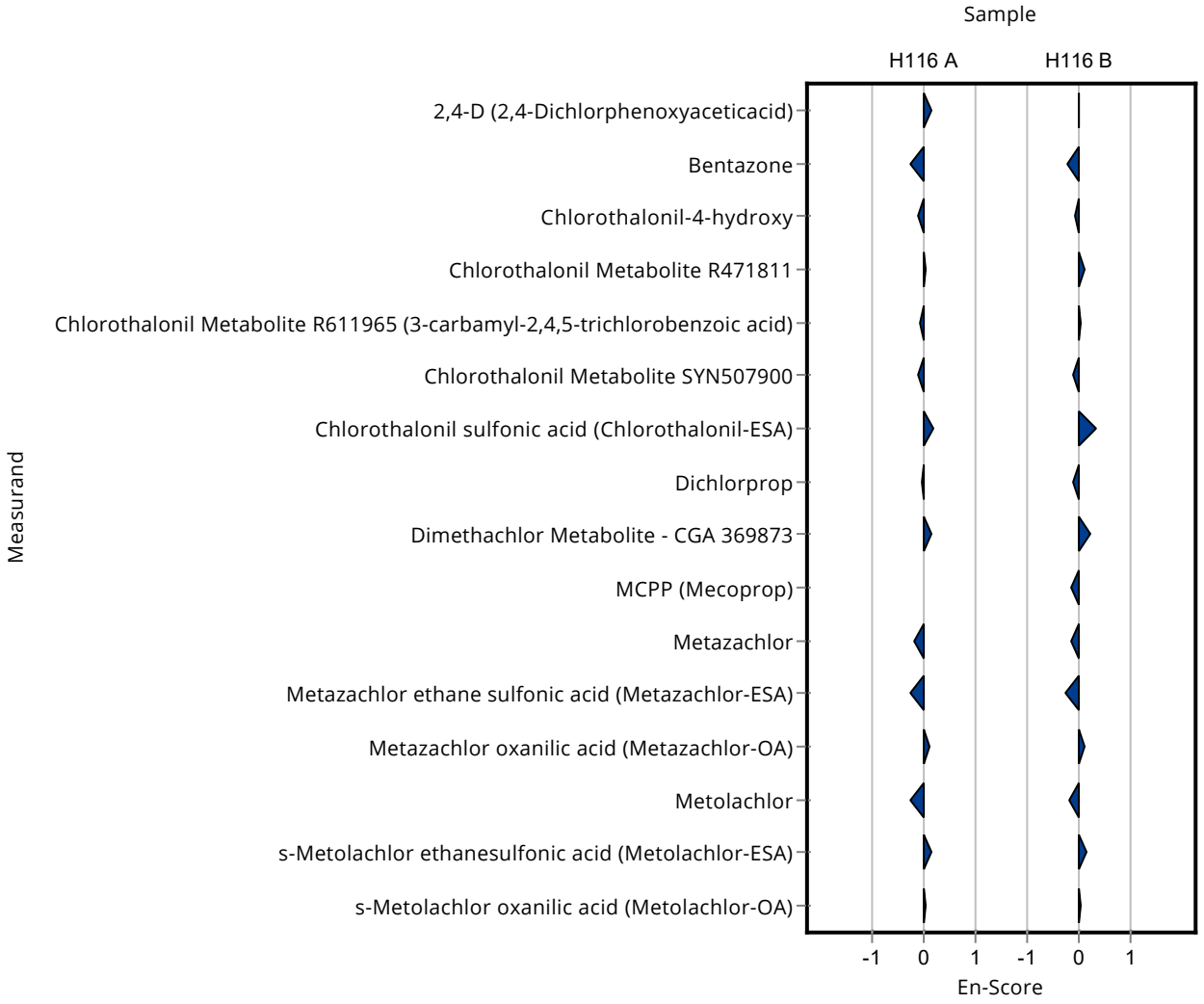
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.765 ± 0.23	0.107	100	0.01
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	- ± -	0.153	-	-
AMPA	µg/l	0.621 ± 0.0318	- ± -	0.0808	-	-
Bentazone	µg/l	0.551 ± 0.0202	0.485 ± 0.15	0.0826	88	-0.22
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	0.875 ± 0.26	0.0911	96	-0.07
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.535 ± 0.16	0.0757	106	0.09
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	0.505 ± 0.15	0.05	101	0.02
Chlorothalonil Metabolite R611968	µg/l	- ± -	0.51 ± 0.15	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	0.645 ± 0.19	0.0755	94	-0.11

Summary of results Pesticides H116 - En-Score

Labcode: LC0029

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	0.565 ± 0.17	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	0.755 ± 0.23	0.0611	124	0.31
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.475 ± 0.14	0.0602	94.6	-0.10
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	0.585 ± 0.18	0.0811	115	0.21
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	- ± -	0.106	-	-
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	0.535 ± 0.16	0.0761	91.3	-0.16
Metazachlor	µg/l	0.588 ± 0.0262	0.535 ± 0.16	0.0705	91.1	-0.16
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.375 ± 0.11	0.082	86.9	-0.26
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.765 ± 0.23	0.149	108	0.12
Metolachlor	µg/l	0.772 ± 0.0234	0.69 ± 0.21	0.116	89.4	-0.19
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	0.595 ± 0.18	0.109	109	0.13
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	0.61 ± 0.18	0.0835	102	0.04


Sample
H116 A
H116 B
2,4-D (2,4-Dichlorphenoxyaceticacid)
Bentazone
Chlorothalonil-4-hydroxy
Chlorothalonil Metabolite R471811
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)
Chlorothalonil Metabolite SYN507900
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
Dichlorprop
Dimethachlor Metabolite - CGA 369873
MCPP (Mecoprop)
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Measurand
-1
0
1
-1
0
1
En-Score

Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.22 ± 0.066	0.0324	95.1	-0.35
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.24 ± 0.072	0.0296	105	0.41
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.22 ± 0.066	0.0361	91.5	-0.57
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.64 ± 0.19	0.0648	98.8	-0.12
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.12 ± 0.036	0.0185	77.8	-1.85
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.16 ± 0.048	0.0382	83.9	-0.81
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.11 ± 0.033	0.0146	90.2	-0.82
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.12 ± 0.036	0.0341	66.9	-1.74
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.25 ± 0.075	0.0569	92.2	-0.37

Summary of results Pesticides H116

Labcode: LC0030

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

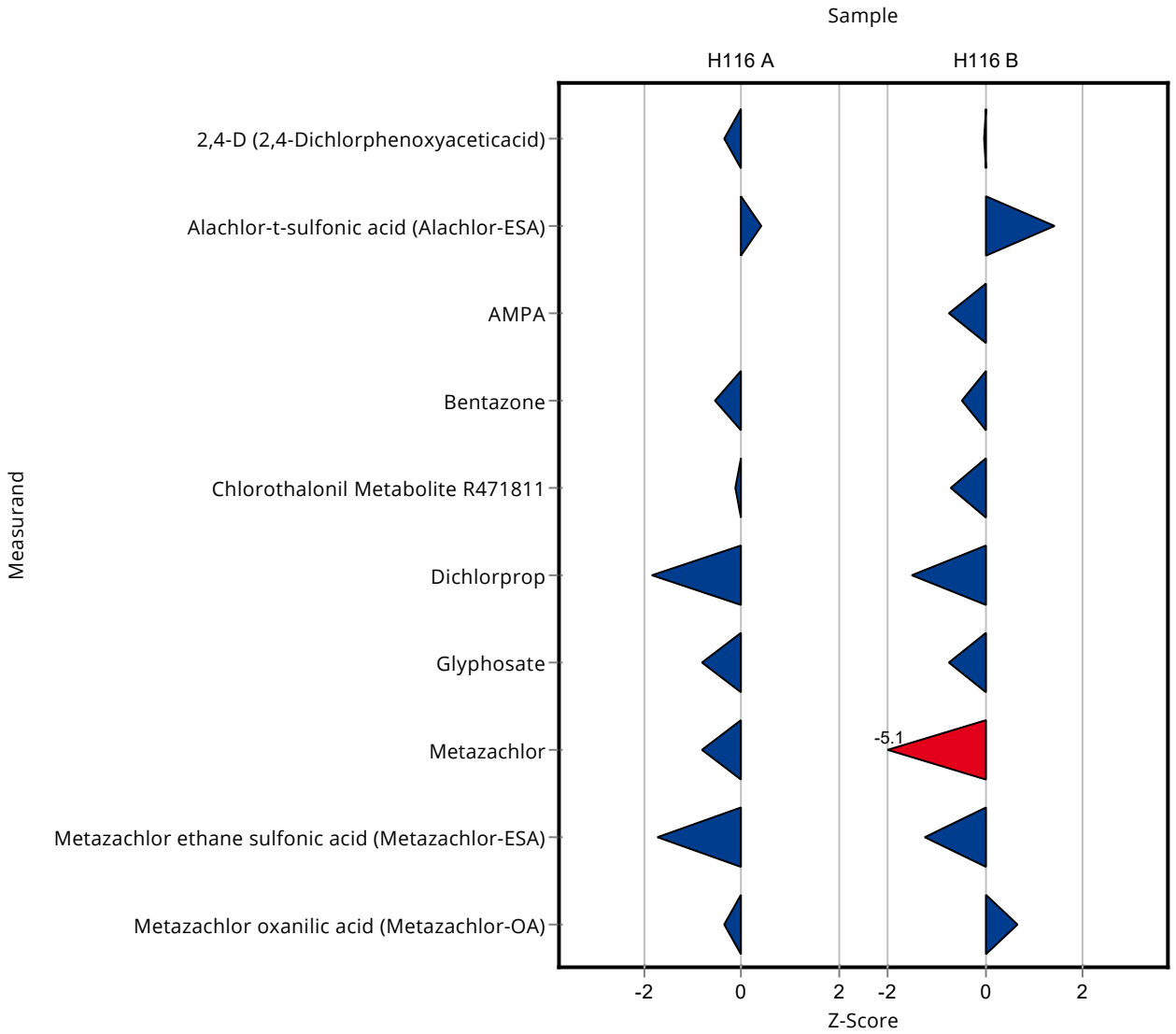
Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.76 ± 0.022	0.107	99.8	-0.01
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.78 ± 0.023	0.153	138	1.41
AMPA	µg/l	0.621 ± 0.0318	0.56 ± 0.016	0.0808	90.1	-0.76
Bentazone	µg/l	0.551 ± 0.0202	0.51 ± 0.015	0.0826	92.6	-0.50
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.45 ± 0.014	0.0757	89.2	-0.72
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.41 ± 0.012	0.0602	81.7	-1.53
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.45 ± 0.015	0.106	85.2	-0.74

Summary of results Pesticides H116

Labcode: LC0030

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	z-Score
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.23 ± 0.066	0.0705	39.1	-5.07
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.33 ± 0.09	0.082	76.4	-1.24
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.81 ± 0.025	0.149	114	0.67
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-



Sample: H116A

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.255 ± 0.0149	- ± -	0.0458	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.231 ± 0.00911	0.22 ± 0.066	0.0324	95.1	-0.08
Alachlor	µg/l	0.17 ± 0.0095	- ± -	0.0203	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.204 ± 0.0116	- ± -	0.0306	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.228 ± 0.0239	0.24 ± 0.072	0.0296	105	0.08
AMPA	µg/l	0.132 ± 0.00728	- ± -	0.0171	-	-
Bentazone	µg/l	0.24 ± 0.00899	0.22 ± 0.066	0.0361	91.5	-0.15
Chlorothalonil-4-hydroxy	µg/l	0.33 ± 0.0162	- ± -	0.033	-	-
Chlorothalonil Metabolite R471811	µg/l	0.648 ± 0.0384	0.64 ± 0.19	0.0648	98.8	-0.02
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.195 ± 0.0248	- ± -	0.0371	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.243 ± 0.0216	- ± -	0.0316	-	-
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.411 ± 0.0293	- ± -	0.0493	-	-
Dicamba	µg/l	0.286 ± 0.0238	- ± -	0.0573	-	-
Dichlorprop	µg/l	0.154 ± 0.0034	0.12 ± 0.036	0.0185	77.8	-0.47
Dimethachlor Metabolite - CGA 369873	µg/l	0.514 ± 0.0326	- ± -	0.0565	-	-
Glufosinate	µg/l	0.128 ± 0.0187	- ± -	0.0436	-	-
Glyphosate	µg/l	0.191 ± 0.0114	0.16 ± 0.048	0.0382	83.9	-0.32

Summary of results Pesticides H116 - En-Score

Labcode: LC0030

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
MCPP (Mecoprop)	µg/l	0.213 ± 0.00762	- ± -	0.0277	-	-
Metazachlor	µg/l	0.122 ± 0.00493	0.11 ± 0.033	0.0146	90.2	-0.18
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.179 ± 0.00711	0.12 ± 0.036	0.0341	66.9	-0.82
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.271 ± 0.0175	0.25 ± 0.075	0.0569	92.2	-0.14
Metolachlor	µg/l	0.226 ± 0.00884	- ± -	0.0339	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.227 ± 0.00949	- ± -	0.0453	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.136 ± 0.00552	- ± -	0.0191	-	-

Sample: H116B

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.635 ± 0.0499	- ± -	0.114	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	µg/l	0.761 ± 0.0295	0.76 ± 0.022	0.107	99.8	-0.02
Alachlor	µg/l	0.405 ± 0.0158	- ± -	0.0487	-	-
Alachlor-t-acid (Alachlor-OA)	µg/l	0.544 ± 0.106	- ± -	0.152	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)	µg/l	0.565 ± 0.0979	0.78 ± 0.023	0.153	138	1.99
AMPA	µg/l	0.621 ± 0.0318	0.56 ± 0.016	0.0808	90.1	-1.36
Bentazone	µg/l	0.551 ± 0.0202	0.51 ± 0.015	0.0826	92.6	-1.13
Chlorothalonil-4-hydroxy	µg/l	0.911 ± 0.033	- ± -	0.0911	-	-
Chlorothalonil Metabolite R471811	µg/l	0.505 ± 0.043	0.45 ± 0.014	0.0757	89.2	-1.07
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	µg/l	0.5 ± 0.0107	- ± -	0.05	-	-
Chlorothalonil Metabolite R611968	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN507900	µg/l	0.687 ± 0.0529	- ± -	0.0755	-	-

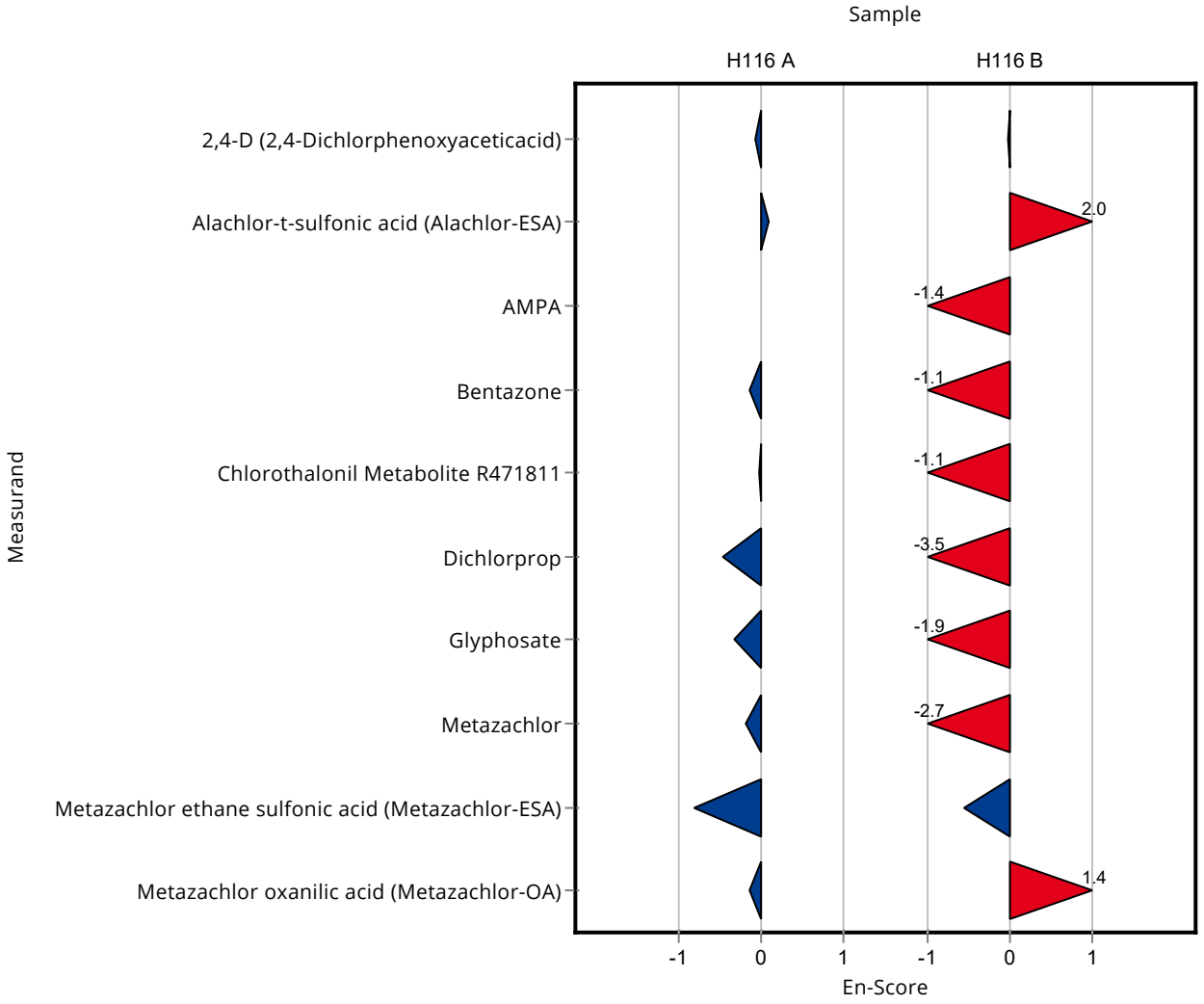
Summary of results Pesticides H116 - En-Score

Labcode: LC0030

Parameter	Unit	Assigned value ± U (k=2)	Result ± U	Criterion	Recovery [%]	En-Score
Chlorothalonil Metabolite SYN548580	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil Metabolite SYN548581	µg/l	- ± -	- ± -	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	µg/l	0.611 ± 0.0328	- ± -	0.0611	-	-
Dicamba	µg/l	0.626 ± 0.0445	- ± -	0.125	-	-
Dichlorprop	µg/l	0.502 ± 0.0113	0.41 ± 0.012	0.0602	81.7	-3.47
Dimethachlor Metabolite - CGA 369873	µg/l	0.507 ± 0.0451	- ± -	0.0811	-	-
Glufosinate	µg/l	0.254 ± 0.0247	- ± -	0.0865	-	-
Glyphosate	µg/l	0.528 ± 0.0292	0.45 ± 0.015	0.106	85.2	-1.87
MCPP (Mecoprop)	µg/l	0.586 ± 0.0191	- ± -	0.0761	-	-
Metazachlor	µg/l	0.588 ± 0.0262	0.23 ± 0.066	0.0705	39.1	-2.66
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	µg/l	0.432 ± 0.0284	0.33 ± 0.09	0.082	76.4	-0.56
Metazachlor oxanilic acid (Metazachlor-OA)	µg/l	0.71 ± 0.0538	0.81 ± 0.025	0.149	114	1.37
Metolachlor	µg/l	0.772 ± 0.0234	- ± -	0.116	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	µg/l	0.547 ± 0.0288	- ± -	0.109	-	-
s-Metolachlor oxanilic acid (Metolachlor-OA)	µg/l	0.596 ± 0.018	- ± -	0.0835	-	-

Summary of results Pesticides H116 - En-Score

Labcode: LC0030



E9. Methodenübersicht / Overview of methods

LabCode	Sample	Alachlor	Metazachlor	Metolachlor	2,4-D (2,4-Dichlorphenoxyacetic acid)	Bentazone
LC0001	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0002	**H116A**	LC-MS; House method	LC-MS; House method	LC-MS; House method	LC-MS; House method	HPLC-DAD; House method
LC0003	**H116A**				LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0004	**H116A**		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
LC0005	**H116A**				LC-MS/MS direct;	LC-MS/MS direct;
LC0006	**H116A**	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116A**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0008	**H116A**	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0009	**H116A**					
LC0010	**H116A**	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0011	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0012	**H116A**		LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36
LC0013	**H116A**	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0014	**H116A**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;		LC-MS/MS;
LC0015	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0016	**H116A**	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
LC0017	**H116A**					
LC0018	**H116A**					
LC0019	**H116A**	LC-MS/MS; LABVR	LC-MS/MS; LABVR	LC-MS/MS; LABVR	LC-MS/MS; LABVR	LC-MS/MS; LABVR
LC0020	**H116A**	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.
LC0021	**H116A**		LC-MS/MS; House method	LC-MS/MS; House method		
LC0022	**H116A**	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
LC0023	**H116A**	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)		

LabCode	Sample	Alachlor	Metazachlor	Metolachlor	2,4-D (2,4-Dichlorphenoxyaceticacid)	Bentazone
LC0024	**H116A**		GC; EN ISO 10695 (F6)	GC; EN ISO 10695 (F6)		GC-MS (SPE, derivatization); DIN 15913 (F20)
LC0025	**H116A**		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
LC0026	**H116A**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116A**	GC-MS (SPE-disks); EN 16693	GC-MS (SPE-disks); EN 16693	GC-MS (SPE-disks); EN 16693	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0028	**H116A**		LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);		LC-MS/MS (on line SPE);
LC0029	**H116A**		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
LC0030	**H116A**		LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;

LabCode	Sample	2,4,5-Trichlorophenoxyacetic acid	Dichlorprop	MCPP (Mecoprop)	Dicamba	Glyphosate
LC0001	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0002	**H116A**	LC-MS; House method	HPLC-DAD; House method	LC-MS; House method	HPLC-DAD; House method	
LC0003	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35		LC-MS/MS; ISO 16308
LC0004	**H116A**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0005	**H116A**	LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0006	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;		LC-MS/MS direct (derivatization);
LC0007	**H116A**	LC-MS/MS;		LC-MS/MS;	LC-MS/MS;	
LC0008	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; ISO 16308 (F45)
LC0009	**H116A**					
LC0010	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; ISO 16308
LC0011	**H116A**			LC-MS/MS direct;		
LC0012	**H116A**	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36		LC-MS/MS; ISO 16308
LC0013	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	
LC0014	**H116A**					
LC0015	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0016	**H116A**	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; ISO 16308
LC0017	**H116A**					
LC0018	**H116A**					LC-MS direct;
LC0019	**H116A**	LC-MS/MS; LABVR		LC-MS/MS; LABVR	LC-MS/MS; LABVR	IC-HRMS; LABVE
LC0020	**H116A**	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; House method
LC0021	**H116A**					LC-MS/MS; House method

LabCode	Sample	2,4,5-Trichlorophenoxyacetic acid	Dichlorprop	MCPP (Mecoprop)	Dicamba	Glyphosate
LC0022	**H116A**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36		
LC0023	**H116A**					LC-MS/MS; House method
LC0024	**H116A**		GC-MS (SPE, derivatization); DIN 15913 (F20)	GC-MS (SPE, derivatization); DIN 15913 (F20)		
LC0025	**H116A**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36		
LC0026	**H116A**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	
LC0027	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; ISO 16308
LC0028	**H116A**		LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);		LC-MS/MS (on line SPE);
LC0029	**H116A**		LC-MS/MS direct; DIN 38407-36			
LC0030	**H116A**		LC-MS/MS direct;			LC-MS/MS direct;

LabCode	Sample	Glufosinate	AMPA	s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	s-Metolachlor oxanilic acid (Metolachlor-OA)	Alachlor-t-sulfonic acid (Alachlor-ESA)
LC0001	**H116A**			LC-MS/MS direct;	LC-MS/MS direct;	
LC0002	**H116A**			LC-MS; House method	LC-MS; House method	LC-MS; House method
LC0003	**H116A**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308	LC-MS/MS; House method	LC-MS/MS; House method	
LC0004	**H116A**			LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0005	**H116A**	LC-MS/MS direct;	LC-MS/MS direct;			
LC0006	**H116A**	LC-MS/MS direct (derivatization);	LC-MS/MS direct (derivatization);	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116A**			LC-MS/MS;		
LC0008	**H116A**	LC-MS/MS; ISO 16308 (F45)	LC-MS/MS; ISO 16308 (F45)	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0009	**H116A**					
LC0010	**H116A**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35
LC0011	**H116A**			LC-MS/MS direct;	LC-MS/MS direct;	
LC0012	**H116A**		LC-MS/MS; ISO 16308			
LC0013	**H116A**			LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0014	**H116A**					
LC0015	**H116A**			LC-MS/MS direct;	LC-MS/MS direct;	
LC0016	**H116A**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308			
LC0017	**H116A**			LC-MS/MS direct;	LC-MS/MS direct;	LC-HRMS;
LC0018	**H116A**		LC-MS direct;			
LC0019	**H116A**	IC-HRMS; LABVE	IC-HRMS; LABVE	LC-MS/MS; LABVR		
LC0020	**H116A**	LC-MS/MS; House method	LC-MS/MS; House method	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.
LC0021	**H116A**		LC-MS/MS; House method	LC-MS/MS; House method	LC-MS/MS; House method	

LabCode	Sample	Glufosinate	AMPA	s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	s-Metolachlor oxanilic acid (Metolachlor-OA)	Alachlor-t-sulfonic acid (Alachlor-ESA)
LC0022	**H116A**					
LC0023	**H116A**		LC-MS/MS; House method	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)	
LC0024	**H116A**					
LC0025	**H116A**			LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0026	**H116A**			LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116A**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0028	**H116A**	LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);	
LC0029	**H116A**			LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0030	**H116A**					LC-MS/MS direct;

LabCode	Sample	Alachlor-t-acid (Alachlor-OA)	Metazachlor ethane sulfonic acid (Metazachlor-ESA)	Metazachlor oxanilic acid (Metazachlor-OA)	Dimethachlor Metabolite - CGA 369873	Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
LC0001	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0002	**H116A**	LC-MS; House method	LC-MS; House method	LC-MS; House method	LC-MS; House method	LC-MS; House method
LC0003	**H116A**		LC-MS/MS; House method	LC-MS/MS; House method	LC-MS/MS; House method	
LC0004	**H116A**		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
LC0005	**H116A**					
LC0006	**H116A**	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;		LC-MS/MS direct;
LC0007	**H116A**					
LC0008	**H116A**		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
LC0009	**H116A**					
LC0010	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0011	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0012	**H116A**					
LC0013	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	
LC0014	**H116A**					
LC0015	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0016	**H116A**					
LC0017	**H116A**	LC-HRMS;	LC-MS/MS direct;	LC-MS/MS direct;		
LC0018	**H116A**					LC-MS/MS; QTRAp6500+
LC0019	**H116A**					
LC0020	**H116A**	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	
LC0021	**H116A**		LC-MS/MS; House method	LC-MS/MS; House method		

LabCode	Sample	Alachlor-t-acid (Alachlor-OA)	Metazachlor ethane sulfonic acid (Metazachlor-ESA)	Metazachlor oxanilic acid (Metazachlor-OA)	Dimethachlor Metabolite - CGA 369873	Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
LC0022	**H116A**					
LC0023	**H116A**		LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)		LC-MS/MS direct; DIN 38407-36 (F36)
LC0024	**H116A**					
LC0025	**H116A**		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
LC0026	**H116A**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116A**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	
LC0028	**H116A**		LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);		LC-MS/MS (on line SPE);
LC0029	**H116A**		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
LC0030	**H116A**		LC-MS/MS direct;	LC-MS/MS direct;		

LabCode	Sample	Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	Chlorothalonil-4-hydroxy	Chlorothalonil Metabolite R471811	Chlorothalonil Metabolite R611968	Chlorothalonil Metabolite SYN507900
LC0001	**H116A**			LC-MS/MS direct;		LC-MS/MS direct;
LC0002	**H116A**					
LC0003	**H116A**					
LC0004	**H116A**				LC-MS/MS direct; DIN 38407-36	
LC0005	**H116A**					
LC0006	**H116A**	LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116A**					
LC0008	**H116A**	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
LC0009	**H116A**					
LC0010	**H116A**					
LC0011	**H116A**					
LC0012	**H116A**					
LC0013	**H116A**					
LC0014	**H116A**					
LC0015	**H116A**	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;		LC-MS/MS direct;
LC0016	**H116A**					
LC0017	**H116A**					
LC0018	**H116A**	LC-MS/MS; QTRAp6500+	LC-MS/MS; QTRAp6500+	LC-MS/MS; QTRAp6500+		LC-MS/MS; QTRAp6500+
LC0019	**H116A**					
LC0020	**H116A**		LC-MS/MS; DIN 38407-35 (F35) mod.			
LC0021	**H116A**					

LabCode	Sample	Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	Chlorothalonil-4-hydroxy	Chlorothalonil Metabolite R471811	Chlorothalonil Metabolite R611968	Chlorothalonil Metabolite SYN507900
LC0022	**H116A**					
LC0023	**H116A**	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)		
LC0024	**H116A**					
LC0025	**H116A**			LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36
LC0026	**H116A**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116A**	LC-MS/MS; DIN 38407-35		LC-MS/MS; DIN 38407-35		
LC0028	**H116A**	LC-MS/MS (on line SPE);				
LC0029	**H116A**	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
LC0030	**H116A**			LC-MS/MS direct;		

LabCode	Sample	Chlorothalonil Metabolite SYN548580	Chlorothalonil Metabolite SYN548581
LC0001	**H116A**		
LC0002	**H116A**		
LC0003	**H116A**		
LC0004	**H116A**		
LC0005	**H116A**		
LC0006	**H116A**	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116A**		
LC0008	**H116A**		LC-MS/MS direct; DIN 38407-36
LC0009	**H116A**		
LC0010	**H116A**		
LC0011	**H116A**		
LC0012	**H116A**		
LC0013	**H116A**		
LC0014	**H116A**		
LC0015	**H116A**	LC-MS/MS direct;	LC-MS/MS direct;
LC0016	**H116A**		
LC0017	**H116A**		
LC0018	**H116A**		
LC0019	**H116A**		
LC0020	**H116A**		
LC0021	**H116A**		

LabCode	Sample	Chlorothalonil Metabolite SYN548580	Chlorothalonil Metabolite SYN548581
LC0022	**H116A**		
LC0023	**H116A**		
LC0024	**H116A**		
LC0025	**H116A**		
LC0026	**H116A**		LC-MS/MS;
LC0027	**H116A**		
LC0028	**H116A**		
LC0029	**H116A**		LC-MS/MS direct; DIN 38407-36
LC0030	**H116A**		

LabCode	Sample	Alachlor	Metazachlor	Metolachlor	2,4-D (2,4-Dichlorphenoxyacetic acid)	Bentazone
LC0001	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0002	**H116B**	LC-MS; House method	LC-MS; House method	LC-MS; House method	LC-MS; House method	HPLC-DAD; House method
LC0003	**H116B**				LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0004	**H116B**		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
LC0005	**H116B**				LC-MS/MS direct;	LC-MS/MS direct;
LC0006	**H116B**	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116B**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0008	**H116B**	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0009	**H116B**					
LC0010	**H116B**	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0011	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0012	**H116B**		LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36
LC0013	**H116B**	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0014	**H116B**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;		LC-MS/MS;
LC0015	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0016	**H116B**	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
LC0017	**H116B**					
LC0018	**H116B**					
LC0019	**H116B**	LC-MS/MS; LABVR	LC-MS/MS; LABVR	LC-MS/MS; LABVR	LC-MS/MS; LABVR	LC-MS/MS; LABVR
LC0020	**H116B**	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.
LC0021	**H116B**		LC-MS/MS; House method	LC-MS/MS; House method		
LC0022	**H116B**	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
LC0023	**H116B**	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)		

LabCode	Sample	Alachlor	Metazachlor	Metolachlor	2,4-D (2,4-Dichlorphenoxyaceti cacid)	Bentazone
LC0024	**H116B**		GC; EN ISO 10695 (F6)	GC; EN ISO 10695 (F6)		GC-MS (SPE, derivatization); DIN 15913 (F20)
LC0025	**H116B**		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
LC0026	**H116B**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116B**	GC-MS (SPE-disks); EN 16693	GC-MS (SPE-disks); EN 16693	GC-MS (SPE-disks); EN 16693	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0028	**H116B**		LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);		LC-MS/MS (on line SPE);
LC0029	**H116B**		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
LC0030	**H116B**		LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;

LabCode	Sample	2,4,5-Trichlorophenoxyacetic acid	Dichlorprop	MCPP (Mecoprop)	Dicamba	Glyphosate
LC0001	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0002	**H116B**	LC-MS; House method	HPLC-DAD; House method	LC-MS; House method	HPLC-DAD; House method	
LC0003	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35		LC-MS/MS; ISO 16308
LC0004	**H116B**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0005	**H116B**	LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0006	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;		LC-MS/MS direct (derivatization);
LC0007	**H116B**	LC-MS/MS;		LC-MS/MS;	LC-MS/MS;	
LC0008	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; ISO 16308 (F45)
LC0009	**H116B**					
LC0010	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; ISO 16308
LC0011	**H116B**			LC-MS/MS direct;		
LC0012	**H116B**	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36	LC-MS/MS; DIN 38407-35; DIN 38407-36		LC-MS/MS; ISO 16308
LC0013	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	
LC0014	**H116B**					
LC0015	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0016	**H116B**	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; ISO 16308
LC0017	**H116B**					
LC0018	**H116B**					LC-MS direct;
LC0019	**H116B**	LC-MS/MS; LABVR		LC-MS/MS; LABVR	LC-MS/MS; LABVR	IC-HRMS; LABVE
LC0020	**H116B**	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; House method
LC0021	**H116B**					LC-MS/MS; House method

LabCode	Sample	2,4,5-Trichlorophenoxyacetic acid	Dichlorprop	MCPP (Mecoprop)	Dicamba	Glyphosate
LC0022	**H116B**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36		
LC0023	**H116B**					LC-MS/MS; House method
LC0024	**H116B**		GC-MS (SPE, derivatization); DIN 15913 (F20)	GC-MS (SPE, derivatization); DIN 15913 (F20)		
LC0025	**H116B**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36		
LC0026	**H116B**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	
LC0027	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; ISO 16308
LC0028	**H116B**		LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);		LC-MS/MS (on line SPE);
LC0029	**H116B**		LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36		
LC0030	**H116B**		LC-MS/MS direct;			LC-MS/MS direct;

LabCode	Sample	Glufosinate	AMPA	s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	s-Metolachlor oxanilic acid (Metolachlor-OA)	Alachlor-t-sulfonic acid (Alachlor-ESA)
LC0001	**H116B**			LC-MS/MS direct;	LC-MS/MS direct;	
LC0002	**H116B**			LC-MS; House method	LC-MS; House method	LC-MS; House method
LC0003	**H116B**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308	LC-MS/MS; House method	LC-MS/MS; House method	
LC0004	**H116B**			LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0005	**H116B**	LC-MS/MS direct;	LC-MS/MS direct;			
LC0006	**H116B**	LC-MS/MS direct (derivatization);	LC-MS/MS direct (derivatization);	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116B**			LC-MS/MS;		
LC0008	**H116B**	LC-MS/MS; ISO 16308 (F45)	LC-MS/MS; ISO 16308 (F45)	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36
LC0009	**H116B**					
LC0010	**H116B**		LC-MS/MS; ISO 16308	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS; DIN 38407-35
LC0011	**H116B**			LC-MS/MS direct;	LC-MS/MS direct;	
LC0012	**H116B**		LC-MS/MS; ISO 16308			
LC0013	**H116B**			LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0014	**H116B**					
LC0015	**H116B**			LC-MS/MS direct;	LC-MS/MS direct;	
LC0016	**H116B**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308			
LC0017	**H116B**			LC-MS/MS direct;	LC-MS/MS direct;	LC-HRMS;
LC0018	**H116B**		LC-MS direct;			
LC0019	**H116B**	IC-HRMS; LABVE	IC-HRMS; LABVE	LC-MS/MS; LABVR		
LC0020	**H116B**	LC-MS/MS; House method	LC-MS/MS; House method	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.
LC0021	**H116B**		LC-MS/MS; House method	LC-MS/MS; House method	LC-MS/MS; House method	

LabCode	Sample	Glufosinate	AMPA	s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	s-Metolachlor oxanilic acid (Metolachlor-OA)	Alachlor-t-sulfonic acid (Alachlor-ESA)
LC0022	**H116B**					
LC0023	**H116B**		LC-MS/MS; House method	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)	
LC0024	**H116B**					
LC0025	**H116B**			LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0026	**H116B**			LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116B**	LC-MS/MS; ISO 16308	LC-MS/MS; ISO 16308	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35
LC0028	**H116B**	LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);	
LC0029	**H116B**			LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0030	**H116B**		LC-MS/MS direct;			LC-MS/MS direct;

LabCode	Sample	Alachlor-t-acid (Alachlor-OA)	Metazachlor ethane sulfonic acid (Metazachlor-ESA)	Metazachlor oxanilic acid (Metazachlor-OA)	Dimethachlor Metabolite - CGA 369873	Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
LC0001	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0002	**H116B**	LC-MS; House method	LC-MS; House method	LC-MS; House method	LC-MS; House method	LC-MS; House method
LC0003	**H116B**		LC-MS/MS; House method	LC-MS/MS; House method	LC-MS/MS; House method	
LC0004	**H116B**		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
LC0005	**H116B**					
LC0006	**H116B**	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;		LC-MS/MS direct;
LC0007	**H116B**					
LC0008	**H116B**		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
LC0009	**H116B**					
LC0010	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	LC-MS/MS direct; DIN 38407-36	
LC0011	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;		
LC0012	**H116B**					
LC0013	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	
LC0014	**H116B**					
LC0015	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0016	**H116B**					
LC0017	**H116B**	LC-HRMS;	LC-MS/MS direct;	LC-MS/MS direct;		
LC0018	**H116B**					LC-MS/MS; QTRAp6500+
LC0019	**H116B**					
LC0020	**H116B**	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	LC-MS/MS; DIN 38407-35 (F35) mod.	
LC0021	**H116B**		LC-MS/MS; House method	LC-MS/MS; House method		

LabCode	Sample	Alachlor-t-acid (Alachlor-OA)	Metazachlor ethane sulfonic acid (Metazachlor-ESA)	Metazachlor oxanilic acid (Metazachlor-OA)	Dimethachlor Metabolite - CGA 369873	Chlorothalonil sulfonic acid (Chlorothalonil-ESA)
LC0022	**H116B**					
LC0023	**H116B**		LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)		LC-MS/MS direct; DIN 38407-36 (F36)
LC0024	**H116B**					
LC0025	**H116B**		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
LC0026	**H116B**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116B**	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	LC-MS/MS; DIN 38407-35	
LC0028	**H116B**		LC-MS/MS (on line SPE);	LC-MS/MS (on line SPE);		LC-MS/MS (on line SPE);
LC0029	**H116B**		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
LC0030	**H116B**		LC-MS/MS direct;	LC-MS/MS direct;		

LabCode	Sample	Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	Chlorothalonil-4-hydroxy	Chlorothalonil Metabolite R471811	Chlorothalonil Metabolite R611968	Chlorothalonil Metabolite SYN507900
LC0001	**H116B**			LC-MS/MS direct;		LC-MS/MS direct;
LC0002	**H116B**					
LC0003	**H116B**					
LC0004	**H116B**				LC-MS/MS direct; DIN 38407-36	
LC0005	**H116B**					
LC0006	**H116B**	LC-MS/MS direct;		LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116B**					
LC0008	**H116B**	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
LC0009	**H116B**					
LC0010	**H116B**					
LC0011	**H116B**			LC-MS/MS direct;		
LC0012	**H116B**					
LC0013	**H116B**					
LC0014	**H116B**					
LC0015	**H116B**	LC-MS/MS direct;	LC-MS/MS direct;	LC-MS/MS direct;		LC-MS/MS direct;
LC0016	**H116B**					
LC0017	**H116B**					
LC0018	**H116B**	LC-MS/MS; QTRAp6500+	LC-MS/MS; QTRAp6500+	LC-MS/MS; QTRAp6500+		LC-MS/MS; QTRAp6500+
LC0019	**H116B**					
LC0020	**H116B**		LC-MS/MS; DIN 38407-35 (F35) mod.			
LC0021	**H116B**					

LabCode	Sample	Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	Chlorothalonil-4-hydroxy	Chlorothalonil Metabolite R471811	Chlorothalonil Metabolite R611968	Chlorothalonil Metabolite SYN507900
LC0022	**H116B**					
LC0023	**H116B**	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)	LC-MS/MS direct; DIN 38407-36 (F36)		
LC0024	**H116B**					
LC0025	**H116B**			LC-MS/MS direct; DIN 38407-36		LC-MS/MS direct; DIN 38407-36
LC0026	**H116B**	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;	LC-MS/MS;
LC0027	**H116B**	LC-MS/MS; DIN 38407-35		LC-MS/MS; DIN 38407-35		
LC0028	**H116B**	LC-MS/MS (on line SPE);				
LC0029	**H116B**	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
LC0030	**H116B**			LC-MS/MS direct;		

LabCode	Sample	Chlorothalonil Metabolite SYN548580	Chlorothalonil Metabolite SYN548581
LC0001	**H116B**		
LC0002	**H116B**		
LC0003	**H116B**		
LC0004	**H116B**		
LC0005	**H116B**		
LC0006	**H116B**	LC-MS/MS direct;	LC-MS/MS direct;
LC0007	**H116B**		
LC0008	**H116B**		LC-MS/MS direct; DIN 38407-36
LC0009	**H116B**		
LC0010	**H116B**		
LC0011	**H116B**		
LC0012	**H116B**		
LC0013	**H116B**		
LC0014	**H116B**		
LC0015	**H116B**	LC-MS/MS direct;	LC-MS/MS direct;
LC0016	**H116B**		
LC0017	**H116B**		
LC0018	**H116B**		
LC0019	**H116B**		
LC0020	**H116B**		
LC0021	**H116B**		

LabCode	Sample	Chlorothalonil Metabolite SYN548580	Chlorothalonil Metabolite SYN548581
LC0022	**H116B**		
LC0023	**H116B**		
LC0024	**H116B**		
LC0025	**H116B**		
LC0026	**H116B**		LC-MS/MS;
LC0027	**H116B**		
LC0028	**H116B**		
LC0029	**H116B**		LC-MS/MS direct; DIN 38407-36
LC0030	**H116B**		