**Section 611.645 Analytical Methods for Organic Chemical Contaminants**

The laboratory must analyze for the Section 611.311(a) VOCs under Section 611.646, the Section 611.311(c) SOCs under Section 611.648, the Section 611.310 State-only MCLs under Section 611.641, and the Section 611.312 MCL for TTHMs under Section 611.381 using the methods in this Section. All methods are incorporated by reference in Section 611.102. USEPA Technical Notes, incorporated by reference in Section 611.102, contains other required analytical test procedures germane to conducting these analyses.

a) Volatile Organic Chemical Contaminants (VOCs)

1) Benzene

A) Purge and Trap Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

2) Carbon tetrachloride

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

C) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

3) Chlorobenzene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

4) 1,2-Dichlorobenzene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

5) 1,4-Dichlorobenzene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

6) 1,2-Dichloroethane

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

7) 1,1-Dichloroethylene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

8) cis-Dichloroethylene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

9) trans-Dichloroethylene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

10) Dichloromethane

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

11) 1,2-Dichloropropane

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

12) Ethylbenzene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

13) Styrene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95)

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

14) Tetrachloroethylene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

C) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

15) Toluene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

16) 1,2,4-Trichlorobenzene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

17) 1,1,1-Trichloroethane

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

C) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

18) 1,1,2-Trichloroethane

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

C) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

19) Trichloroethylene

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

C) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

20) Vinyl chloride

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

21) Xylenes (total)

A) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), 524.3 (09), or 524.4 (13).

b) Synthetic Organic Chemical Contaminants (SOCs)

1) 2,3,7,8-Tetrachlorodibenzo­dioxin (2,3,7,8-TCDD or Dioxin). Isotope Dilution High Resolution Gas Chromatography-High Resolution Mass Spectrometry. USEPA 1613 (94).

2) 2,4-D

A) Gas Chromatography with Electron Capture Detector. ASTM D5317-93, ASTM D5317-98(2003), ASTM D5317-20, SM 6640 B (01), or SM 6640 B (06).

B) Liquid-Liquid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.1 (89) or USEPA 515.3 (96).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.2 (95).

D) Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detector. USEPA 515.4 (00).

E) High Performance Liquid Chromatography with Photodiode Array Ultraviolet Detector. USEPA 555 (92).

3) 2,4,5-TP (Silvex)

A) Gas Chromatography with Electron Capture Detector. ASTM D5317-93, ASTM D5317-98(2003), ASTM D5317-20, SM 6640 B (01), or SM 6640 B (06).

B) Liquid-Liquid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.1 (89) or USEPA 515.3 (96).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.2 (95).

D) Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detector. USEPA 515.4 (00).

E) High Performance Liquid Chromatography with Photodiode Array Ultraviolet Detector. USEPA 555 (92).

4) Alachlor

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Nitrogen-Phosphorus Detector. USEPA 507 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

5) Atrazine

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Nitrogen-Phosphorus Detector. USEPA 507 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 523 (11).

E) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

F) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

G) Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. USEPA 536 (07).

H) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

I) Immunoassay. Syngenta AG-6252.

6) Benzo(a)pyrene

A) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

B) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

C) Liquid Liquid Extraction and HPLC with Coupled Ultraviolet and Fluorescence Detection. USEPA 550 (90) or USEPA 550.1 (90).

7) Carbofuran.

A) Direct Aqueous Injection HPLC with Post-Column Derivatization. SM 6610 (92), 6610 (96), 6610 B (99), SM 6610 B (04), USEPA 531.1 (95), or USEPA 531.2 (01).

B) Liquid Chromatography/Mass Spectrometry. ME 531 (19).

8) Chlordane

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

9) Dalapon

A) Liquid-Liquid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.1 (89) or USEPA 515.3 (96).

B) Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detector.  SM 6640 B (01), SM 6640 B (06), or USEPA 515.4 (00).

C) Solid Phase Extractor (Acidic Methanol), Gas Chromatography, Electron Capture Detector. USEPA 552.1 (92).

D) Liquid-Liquid Extraction (Acidic Methanol), Gas Chromatography, Electron Capture Detector. USEPA 552.2 (95) or USEPA 552.3 (03).

E) Ion Chromatography, Electrospray Ionization, Tandem Mass Spectrometry. USEPA 557 (09).

10) Dibromochloropropane (DBCP)

A) Microextraction and Gas Chromatography. USEPA 504.1 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.3 (09).

C) Liquid-Liquid Extraction, Gas Chromatography, Electron Capture Detector. USEPA 551.1 (95).

11) Di(2-ethylhexyl)adipate

A) Liquid-Liquid or Liquid-Solid Extraction and Gas Chromatography with Photoionization Detection. USEPA 506 (95).

B) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

C) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

12) Di(2-ethylhexyl)phthalate

A) Liquid-Liquid or Liquid-Solid Extraction and Gas Chromatography with Photoionization Detection. USEPA 506 (95).

B) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

C) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

13) Dinoseb

A) Liquid-Liquid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.1 (89) or USEPA 515.3 (96).

B) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.2 (95).

C) Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detector. SM 6640 B (01), SM 6640 B (06), or USEPA 515.4 (00).

D) High Performance Liquid Chromatography with Photodiode Array Ultraviolet Detector. USEPA 555 (92).

14) Diquat. Liquid-Solid Extraction and HPLC with Ultraviolet Detection. USEPA 549.2 (97).

15) Endothall. Ion-Exchange Extraction, Acidic Methanol Methylation and Gas Chromatography/Mass Spectrometry. USEPA 548.1 (92).

16) Endrin

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

17) Ethylene Dibromide (EDB)

A) Microextraction and Gas Chromatography. USEPA 504.1 (95).

B) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.3 (09).

C) Liquid-Liquid Extraction, Gas Chromatography, Electron Capture Detector. USEPA 551.1 (95).

18) Glyphosate

A) Direct Aqueous Injection HPLC, Post-Column Derivatization, and Fluorescence Detection. USEPA 547 (90).

B) Anion- or Cation-Exchange HPLC and Post-Column Derivatization with Ultraviolet Fluorescence Detector. SM 6651 B (91), SM 6651 B (96), SM 6651 B (00), or SM 6651 B (05).

19) Heptachlor

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

20) Heptachlor Epoxide

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

21) Hexachlorobenzene

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

22) Hexachlorocyclopentadiene

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

23) Lindane

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

24) Methoxychlor

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

F) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

25) Oxamyl.

A) Direct Aqueous Injection HPLC with Post-Column Derivatization. SM 6610 (92), 6610 (96), 6610 B (99), SM 6610 B (04), USEPA 531.1 (95), or USEPA 531.2 (01).

B) Liquid Chromatography/Mass Spectrometry. ME 531 (19).

26) PCBs (measured for compliance purposes as decachlorobiphenyl). Screening by Perchlorination and Gas Chromatography. USEPA 508A (89).

27) PCBs (qualitatively identified as alachlors)

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

28) Pentachlorophenol

A) Gas Chromatography with Electron Capture Detector. ASTM D5317-93, ASTM D5317-98(2003), ASTM D5317-20, SM 6640 B (01), or SM 6640 B (06).

B) Liquid-Liquid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.1 (89) or USEPA 515.3 (96).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.2 (95).

D) Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detector. USEPA 515.4 (00).

E) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

F) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

G) High Performance Liquid Chromatography with Photodiode Array Ultraviolet Detector. USEPA 555 (92).

29) Picloram

A) Gas Chromatography with Electron Capture Detector. ASTM D5317-93, ASTM D5317-98(2003), ASTM D5317-20, SM 6640 B (01), or SM 6640 B (06).

B) Liquid-Liquid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.1 (89) or USEPA 515.3 (96).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 515.2 (95).

D) Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detector. USEPA 515.4 (00).

E) High Performance Liquid Chromatography with Photodiode Array Ultraviolet Detector. USEPA 555 (92).

30) Simazine

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 507 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 523 (11).

E) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

F) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

G) Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. USEPA 536 (07).

H) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

31) Toxaphene

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

E) Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry. USEPA 525.3 (12).

c) Total Trihalomethanes (TTHMs)

1) Purge and Trap Capillary Column Gas Chromatography. USEPA 502.2 (95).

2) Purge and Trap Gas Chromatography-Mass Spectrometry. USEPA 524.2 (95), USEPA 524.3 (09), or USEPA 524.4 (13).

3) Liquid-Liquid Extraction and Gas Chromatography. USEPA 551.1 (95).

d) State-Only MCLs (for which a method is not listed in subsections (a) through (c))

1) Aldrin

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

2) DDT

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

3) Dieldrin

A) Microextraction and Gas Chromatography. USEPA 505 (95)1.

B) Gas Chromatography with Electron Capture Detector. USEPA 508 (95).

C) Liquid-Solid Extraction Gas Chromatography with Electron Capture Detector. USEPA 508.1 (95).

D) Gas Chromatography-Mass Spectrometry. USEPA 525.2 (95).

e) The following endnotes are appended to method entries in subsections (a) and (b):

1 denotes that, for the particular contaminant, the laboratory should substitute a nitrogen-phosphorus detector for the electron capture detector in USEPA 505 (95) (or use another approved method) to determine alachlor, atrazine, and simazine if it needs a lower detection limit.

2 denotes that the laboratory may not use Syngenta AG-625 (01) for atrazine in any system using chlorine dioxide for treatment. In samples from all other systems, the laboratory must confirm any result for atrazine using Syngenta AG-625 (01) that is greater than one-half the maximum contaminant level (MCL) (in other words, greater than 0.0015 mg/L or 1.5 μg/L) using another approved method and additional volume of the original sample the supplier collected. If a result from Syngenta AG-625 (01) triggers confirmatory testing, the supplier must use the confirmatory result to determine compliance.

BOARD NOTE: This Section derives from 40 CFR 141.24(e) and appendix A to subpart C of 40 CFR 141. The Board did not separately list approved alternative methods from Standard Methods Online that are the same version as a method appearing in a printed edition of Standard Methods. Using the Standard Methods Online copy is acceptable.

Standard Methods Online, Method 6610 B-04 appears in the 22nd and 23rd editions as Method 6610 B. This appears in this Section as SM 6610 B (04).

Standard Methods Online, Method 6640 B-01 appears in the 21st edition as Method 6640 B. This appears in this Section as SM 6640 B (01).

Standard Methods Online, Method 6640 B-06 appears in the 22nd and 23rd editions as Method 6640 B. This appears in this Section as SM 6640 B (06).

Standard Methods Online, Method 6651 B-00 appears in the 21st edition as Method 6651 B. This appears in this Section as SM 6651 B (00).

Standard Methods Online, Method 6651 B-05 appears in the 22nd and 23rd editions as Method 6651 B. This appears in this Section as SM 6651 B (05).

(Source: Amended at 48 Ill. Reg. 18996, effective December 7, 2023)