

Organochlorine Pesticides

(EPA Method 8081A)

Column:

DB-35ms

30 m x 0.25 mm id, 0.25 µm

P/N: 122-3832

Carrier: Helium at 35 cm/sec, measured at 50°C

Oven: 50°C for 1 min

50-100°C at 25°/min

100-300°C at 5°/min

300°C for 5 min

Injector: Splitless, 250°C

30 sec purge activation time

1 µL of 35 µg/mL composite 8081A

standards, Accustandard Inc.

Detector:

MSD, 300°C transfer line

full scan at m/z 50-500

- 1,2-Dibromo-3-chloropropane
- 4-Chloro-3-nitrobenzotrifluoride (SS)
- Hexachloropentadiene
- 1-Bromo-2-nitrobenzene (IS)
- Terrazole
- Chloroneb
- Trifluralin
- 2-Bromobiphenyl (SS)

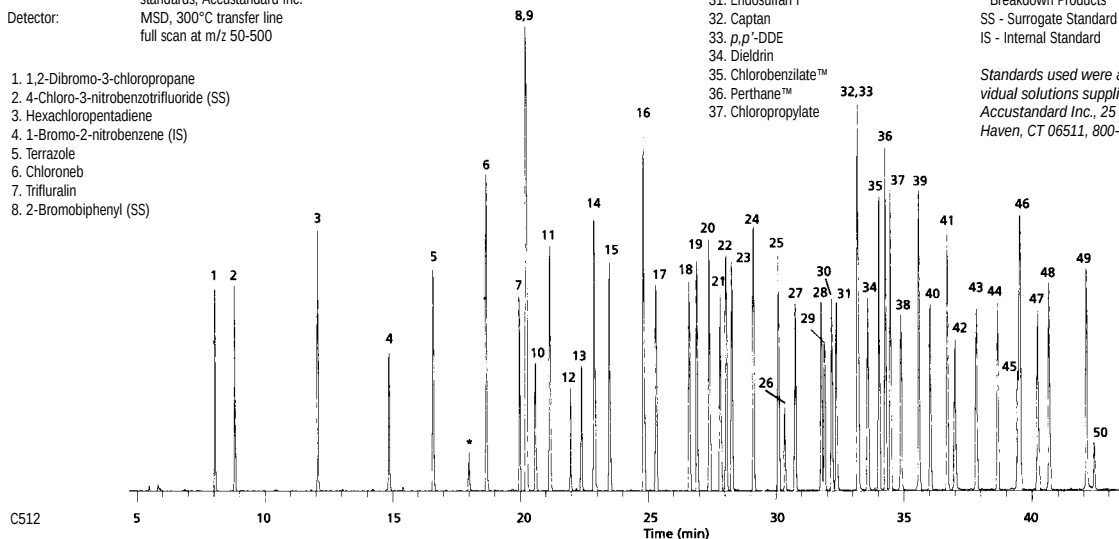
9. Tetrachloro-m-xylene (SS)
10. α, α-Dibromo-m-xylene
11. Propachlor
12. Di-allate A
13. Di-allate B
14. Hexachlorobenzene
15. α-BHC
16. Pentachloronitrobenzene (IS)

17. γ-BHC
18. β-BHC
19. Heptachlor
20. Alachlor
21. δ-BHC
22. Chlorothalonil
23. Aldrin
24. Dacthal™
25. Isodrin
26. Kelthane
27. Heptachlor epoxide
28. γ-Chlordane
29. trans-Nonachlor
30. α-Chlordane
31. Endosulfan I
32. Captan
33. p,p'-DDE
34. Dieldrin
35. Chlorobenzilate™
36. Perthane™
37. Chloropropylate

38. Endrin
39. p,p'-DDD
40. Endosulfan II
41. p,p'-DDT
42. Endrin aldehyde
43. Endosulfan sulfate
44. Dibutylchlorendate (SS)
45. Captafol
46. Methoxychlor
47. Endrin ketone
48. Mirex™
49. cis-Permethrin
50. trans-Permethrin

* Breakdown Products
SS - Surrogate Standard
IS - Internal Standard

Standards used were a composite of individual solutions supplied courtesy of Accustandard Inc., 25 Science Park, New Haven, CT 06511, 800-442-5290.



Organochlorine Pesticides

(EPA Method 8081A)

Column:

DB-5ms

30 m x 0.25 mm id, 0.25 µm

P/N: 122-5532

Carrier: Helium at 35 cm/sec,

measured at 50°C

Oven: 50°C for 1 min

50-100°C at 25°/min

100-300°C at 5°/min

300°C for 5 min

Injector: Splitless, 250°C

30 sec purge activation time

1 µL of 35 µg/mL composite

8081A standards,

Accustandard Inc.

Detector:

MSD, full scan at m/z 50-500

300°C transfer line

- 1,2-Dibromo-3-chloropropane
- 4-Chloro-3-nitrobenzotrifluoride (SS)
- Hexachloropentadiene
- 1-Bromo-2-nitrobenzene (IS)
- Terrazole
- Chloroneb
- Trifluralin
- 8-Bromobiphenyl (SS)
9. Tetrachloro-m-xylene (SS)
10. α, α-Dibromo-m-xylene
11. Propachlor
12. Di-allate A
13. Di-allate B
14. Hexachlorobenzene
15. α-BHC
16. Pentachloronitrobenzene (IS)
17. γ-BHC
18. β-BHC
19. Heptachlor
20. Alachlor
21. δ-BHC

22. Chlorothalonil
23. Aldrin
24. Dacthal
25. Isodrin
26. Kelthane
27. Heptachlor epoxide
28. γ-Chlordane
29. trans-Nonachlor
30. α-Chlordane
31. Endosulfan I
32. Captan
33. p, p'-DDE
34. Dieldrin
35. Chlorobenzilate
36. Perthane
37. Chloropropylate

38. Endrin
39. p, p'-DDD
40. Endosulfan II
41. p, p'-DDT
42. Endrin aldehyde
43. Endosulfan sulfate
44. Dibutylchlorendate (SS)
45. Captafol
46. Methoxychlor
47. Endrin ketone
48. Mirex™
49. cis-Permethrin
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SS - Surrogate Standard
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