

Organochlorine Pesticides (EPA Method 8081A)

Column: DB-35ms
30 m x 0.25 mm I.D., 0.25 µm

J&W 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. 1,2-Dibromo-3-chloropropane
2. 4-Chloro-3-nitrobenzotrifluoride (SS)
3. Hexachloropentadiene
4. 1-Bromo-2-nitrobenzene (IS)
5. Terrazole
6. Chloroneb
7. Trifluralin
8. 2-Bromobiphenyl (SS)

Method 8081A Standards are found on page 144-145

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. Dibutylchloroendate (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.

