

PCBs by EPA Method 8082

Column: DB-35ms

30m x 0.32 mm id, 0.25 µm
P/N: 123-3832

Column: DB-XLB

30 m x 0.32 mm id, 0.50 µm
P/N: 123-1236

Carrier: Helium at 45 cm/sec (EPC in constant flow mode)

Oven: 110°C for 0.5 min

110-320°C at 15°C/min

320°C for 5 min

Injector: Splitless, 250°C

30 sec purge activation time

50 pg per component

Detector: µECD, 350°C

Nitrogen makeup gas

(column + makeup flow = 30 mL/min constant flow)

1. IUPAC 1
2. Tetrachloro-m-xylene (IS/SS)
3. IUPAC 5
4. IUPAC 18
5. IUPAC 31
6. IUPAC 52
7. IUPAC 44
8. IUPAC 66
9. IUPAC 101
10. IUPAC 87
11. IUPAC 110
12. IUPAC 151
13. IUPAC 153
14. IUPAC 141
15. IUPAC 137
16. IUPAC 187
17. IUPAC 183
18. IUPAC 180
19. IUPAC 170
20. IUPAC 206
21. Decachlorobiphenyl (IS/SS)

