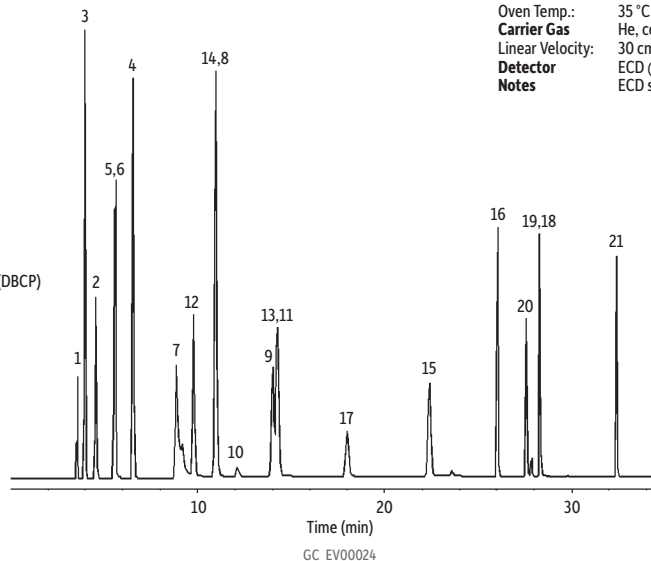


Chlorinated Disinfection Byproducts by US EPA Method 551.1 on Rtx-200

Peaks

1. Chloroform
2. 1,1,1-Trichloroethane
3. Carbon tetrachloride
4. Trichloroacetonitrile
5. Trichloroethylene
6. Bromodichloromethane
7. Chloral hydrate
8. Dichloroacetonitrile
9. 1,1-Dichloro-2-propanone
10. 1,1,2-Trichloroethane
11. Chloropicrin
12. Dibromochloromethane
13. 1,2-dibromoethane (EDB)
14. Tetrachloroethylene
15. Bromochloroacetonitrile
16. 1,1,1-Trichloro-2-propanone
17. Bromoform
18. Dibromoacetonitrile
19. 1,2,3-Trichloropropane
20. 4-Bromofluorobenzene (IS)
21. 1,2-dibromo-3-chloropropane (DBCP)



Column Rtx-200, 30 m, 0.25 mm ID, 1.00 μ m (cat.# 15053)
Sample
Conc.: 1 ng on-column
Injection
Inj. Vol.: 1.0 μ L split (split ratio 10:1)
Inj. Temp.: 200 °C
Oven
Oven Temp.: 35 °C (hold 22 min) to 200 °C at 10 °C/min
Carrier Gas He, constant pressure
Linear Velocity: 30 cm/sec @ 50 °C
Detector ECD @ 290 °C
Notes ECD sensitivity: 20kHz full scale



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