

Haloacetic Acids

US EPA Method 552.2

Rtx®-5

30m, 0.25mm ID, 1.0 μ m Rtx®-5 (cat.# 10253)
1.0 μ L split injection. 1ng on-column concentration.
Oven temp.: 50°C (hold 10 min.) to 225°C @ 8°C/min.
Inj./det. temp.: 200°C/290°C
Carrier gas: helium
Linear velocity: 30cm/sec. @ 50°C
ECD sensitivity: 20kHz full scale
Split ratio: 10:1

1. monochloroacetic acid (MCAA)
2. monobromoacetic acid (MBAA)
3. dichloroacetic acid (DCAA)
4. dalapon
5. 1,2,3-trichloropropane (I.S.)
6. bromochloroacetic acid (BCAA)
7. trichloroacetic acid (TCAA)
8. dibromoacetic acid (DBAA)
9. bromodichloroacetic acid (BDCAA)
10. 2,3-dibromopropionic acid (Surr.)
11. chlorodibromoacetic acid (CDBAA)
12. tribromoacetic acid (TBAA)

(All compounds derivatized)

