

Phenols & Benzidines

US EPA Methods 604 & 605

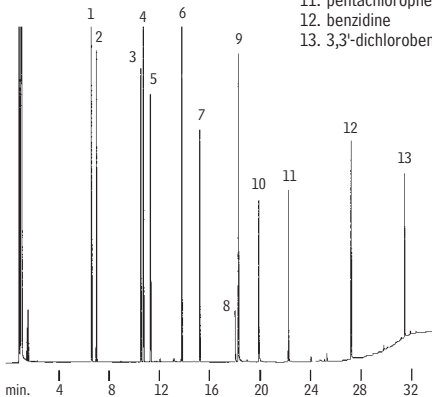
Rtx[®]-5

30m, 0.32mm ID, 1.0 μ m Rtx[®]-5 (cat.# 10254)
1.5 μ L split injection of benzidines and phenols.
Concentration 1–3ng per component on-column.

Oven temp.: 110°C to 290°C @ 8°C/min.
Inj. & det. temp.: 310°C
Carrier gas: hydrogen
Linear velocity: 40cm/sec.
FID sensitivity: 2 x 10⁻¹¹ AFS
Split ratio: 100:1

Reference Standard
604 Phenols Mix (cat. # 31029)
605 Benzidines Mix (cat.# 31030):

1. phenol
2. 2-chlorophenol
3. 2-nitrophenol
4. 2,4-dimethylphenol
5. 2,4-dichlorophenol
6. 4-chloro-3-methylphenol
7. 2,4,6-trichlorophenol
8. 2,4-dinitrophenol
9. 4-nitrophenol
10. 2-methyl-4,6-dinitrophenol
11. pentachlorophenol
12. benzidine
13. 3,3'-dichlorobenzidine



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