

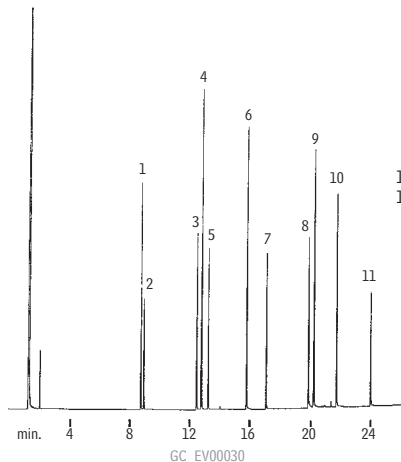
Phenols

US EPA Method 604

Rtx[®]-5

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

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



30m, 0.25mm ID, 0.25 μ m Rtx[®]-5 (cat.# 10223)
1.0 μ L split injection of phenols.
Concentration 3-5ng/ μ L per component.

Oven temp.: 50°C (hold 4 min.) to 250°C
@ 8°C/min.
Inj. & det. temp.: 250°C
Carrier gas: hydrogen
Linear velocity: 40cm/sec. set @ 110°C
FID sensitivity: 8 x 10¹¹ AFS
Split ratio: 40:1