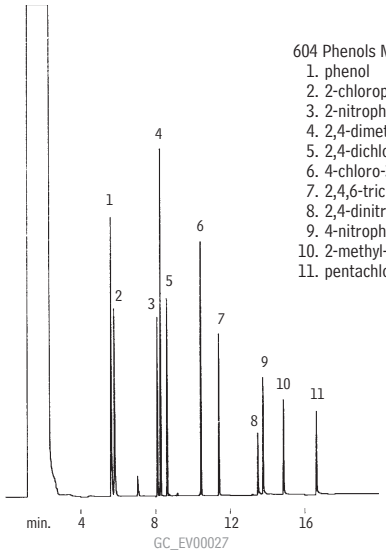
## Phenols
## US EPA Method 604
## MXT®-5

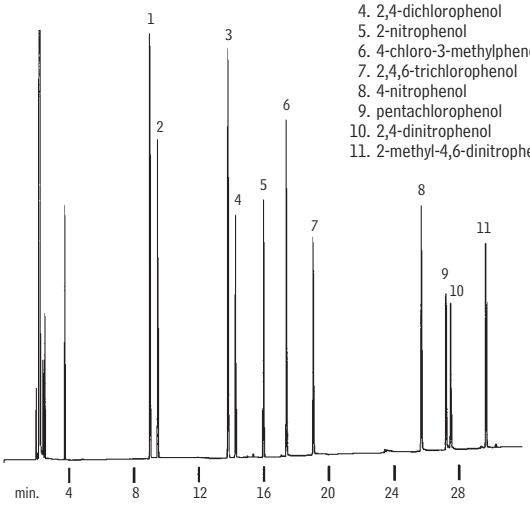



604 Phenols Mix (cat.# 31029)
1. phenol
2. 2-chlorophenol
3. 2-nitrophenol
4. 2,4-dimethylphenol
5. 2,4-dichlorophenol
6. 4-chloro-3-methylphenol
7. 2,4,6-trichlorophenol
8. 2,4-dinitrophenol
9. 4-nitrophenol
10. 2-methyl-4,6-dinitrophenol
11. pentachlorophenol

GC_EV00027

| | |
|---|---|
| Column: | MXT®-5, 30m, 0.28mm ID, 0.25µm (cat.# 70224) |
| Inj.: | 1.0µL splitless injection of phenols |
| Conc.: | 25ng/µL per component |
| Oven temp.: | 40°C to 250°C @ 10°C/min. |
| Inj./det. temp.: | 280°C/300°C |
| Carrier gas: | hydrogen |
| Linear velocity: | 50cm/sec. set @ 40°C |
| FID sensitivity: | 2.56 x $10^{-10}$ AFS |

## Phenols
## US EPA Method 604
## Rtx®-200



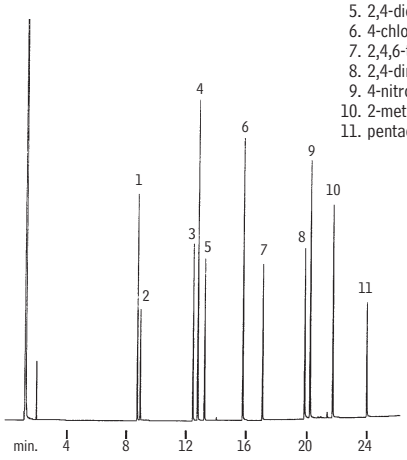

604 Phenols Mix (cat.# 31029)
1. phenol
2. 2-chlorophenol
3. 2,4-dimethylphenol
4. 2,4-dichlorophenol
5. 2-nitrophenol
6. 4-chloro-3-methylphenol
7. 2,4,6-trichlorophenol
8. 4-nitrophenol
9. pentachlorophenol
10. 2,4-dinitrophenol
11. 2-methyl-4,6-dinitrophenol

GC_EV00028

| | |
|---|---|
| Column: | Rtx®-200, 30m, 0.32mm ID, 0.25µm (cat.# 15024) |
| Inj.: | 1.0µL split injection of a 200ng standard |
| Oven temp.: | 50°C (hold 4 min.) to 250°C @ 6°C/min. |
| Inj./det. temp.: | 250°C |
| Carrier gas: | helium |
| Linear velocity: | 20cm/sec. |
| FID sensitivity: | 4 x $10^{-11}$ AFS |
| Split ratio: | 40:1 |



## Phenols
## US EPA Method 604
## Rtx®-5




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

GC_EV00030

| | |
|---|---|
| Column: | Rtx®-5, 30m, 0.25mm ID, 0.25µm (cat.# 10223) |
| Inj.: | 1.0µL split injection of phenols. |
| Conc.: | 3-5ng/µL 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 $10^{-11}$ AFS |
| Split ratio: | 40:1 |