

**Figure 1. Fast Quant Method**

**Column:** DB-5ms

30 m x 0.25 mm I.D., 0.25 µm

**P/N:** 122-5532

**Carrier:** He at 1.2 ml/min Constant Flow

**Oven:** 40°C for 2.00 min

40-100°C at 40°C/ min

100°C for 0.20 min

100-105°C at 2°C/min

105-340°C at 30°C/min

**Injector:** Pulsed Splitless, 200°C

Pulse Pressure & Time: 25.0 psi for 1.00 min

Purge Flow & Time: 50.0 ml/min for 0.25 min

Gas Saver Flow & Time: 20.0 ml/min for 3.00 min

**Detector:** MSD

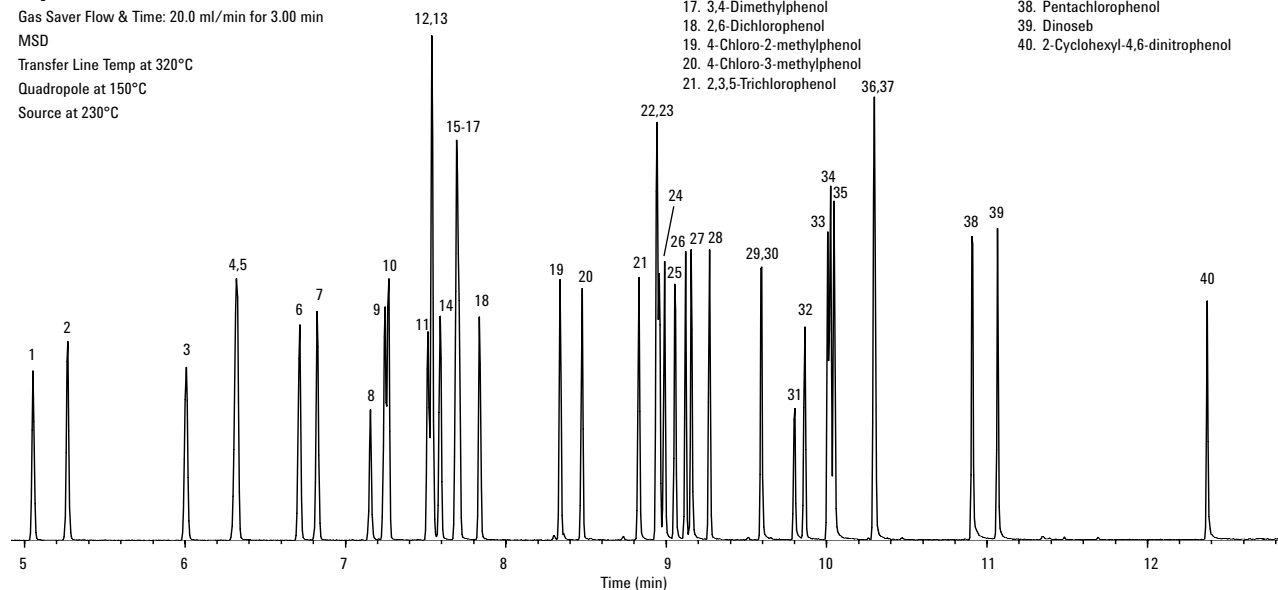
Transfer Line Temp at 320°C

Quadrupole at 150°C

Source at 230°C

1. Phenol
2. 2-Chlorophenol
3. 2-Methylphenol
4. 4-Methylphenol
5. 3-Methylphenol
6. 2-Chloro-5-methylphenol
7. 2,6-Dimethylphenol
8. 2-Nitrophenol
9. 2,4-Dimethylphenol
10. 2,5-Dimethylphenol
11. 2,4-Dichlorophenol
12. 2,3-Dimethylphenol
13. 2,5-Dichlorophenol
14. 2,3-Dichlorophenol
15. 2-Chlorophenol
16. 4-Chlorophenol
17. 3,4-Dimethylphenol
18. 2,6-Dichlorophenol
19. 4-Chloro-2-methylphenol
20. 4-Chloro-3-methylphenol
21. 2,3,5-Trichlorophenol

22. 2,4-Dibromophenol
23. 2,4,6-Trichlorophenol
24. 2,4,5-Trichlorophenol
25. 2,3,4-Trichlorophenol
26. 3,5-Dichlorophenol
27. 2,3,6-Trichlorophenol
28. 3,4-Dichlorophenol
29. 3-Nitrophenol
30. 2,5-Dinitrophenol
31. 2,4-Dinitrophenol
32. 4-Nitrophenol
33. 2,3,5,6-Tetrachlorophenol
34. 2,3,4,5-Tetrachlorophenol
35. 2,3,4,6-Tetrachlorophenol
36. 3,4,5-Trichlorophenol
37. 2-Methyl-4,6-dinitrophenol
38. Pentachlorophenol
39. Dinoseb
40. 2-Cyclohexyl-4,6-dinitrophenol



C1081

**Figure 2. High Resolution Method**

**Column:** DB-XLB

30 m x 0.25 mm I.D., 0.25 µm

**P/N:** 122-1232

**Carrier:** He at 1.2 ml/min Constant Flow

**Oven:** 40°C for 2.00 min

40-100°C at 40°C/ min

100°C for 0.50 min

100-140°C at 2°C/min

140-340°C at 30°C/min

**Injector:** Pulsed Splitless, 200°C

Pulse Pressure & Time: 25.0 psi for 1.00 min

Purge Flow & Time: 50.0 ml/min for 0.25 min

Gas Saver Flow & Time: 20.0 ml/min for 3.00 min

**Detector:** MSD

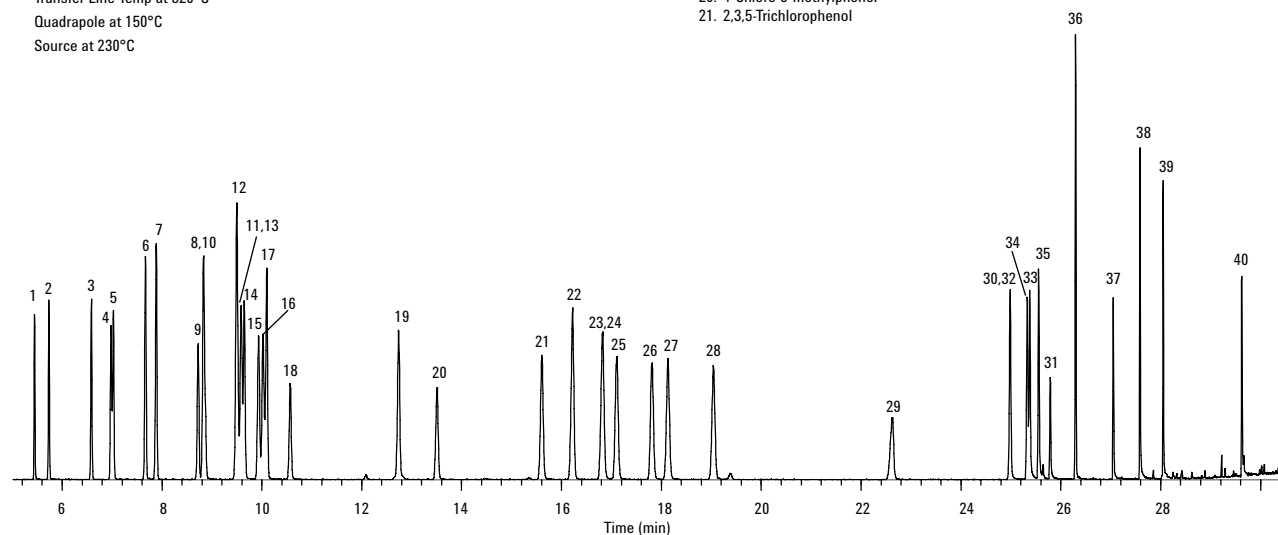
Transfer Line Temp at 320°C

Quadrupole at 150°C

Source at 230°C

1. Phenol
2. 2-Chlorophenol
3. 2-Methylphenol
4. 4-Methylphenol
5. 3-Methylphenol
6. 2-Chloro-5-methylphenol
7. 2,6-Dimethylphenol
8. 2-Nitrophenol
9. 2,4-Dimethylphenol
10. 2,5-Dimethylphenol
11. 2,4-Dichlorophenol
12. 2,3-Dimethylphenol
13. 2,5-Dichlorophenol
14. 2,3-Dichlorophenol
15. 2-Chlorophenol
16. 4-Chlorophenol
17. 3,4-Dimethylphenol
18. 2,6-Dichlorophenol
19. 4-Chloro-2-methylphenol
20. 4-Chloro-3-methylphenol
21. 2,3,5-Trichlorophenol

22. 2,4-Dibromophenol
23. 2,4,6-Trichlorophenol
24. 2,4,5-Trichlorophenol
25. 2,3,4-Trichlorophenol
26. 3,5-Dichlorophenol
27. 2,3,6-Trichlorophenol
28. 3,4-Dichlorophenol
29. 3-Nitrophenol
30. 2,5-Dinitrophenol
31. 2,4-Dinitrophenol
32. 4-Nitrophenol
33. 2,3,5,6-Tetrachlorophenol
34. 2,3,4,5-Tetrachlorophenol
35. 2,3,4,6-Tetrachlorophenol
36. 3,4,5-Trichlorophenol
37. 2-Methyl-4,6-dinitrophenol
38. Pentachlorophenol
39. Dinoseb
40. 2-Cyclohexyl-4,6-dinitrophenol



C1082