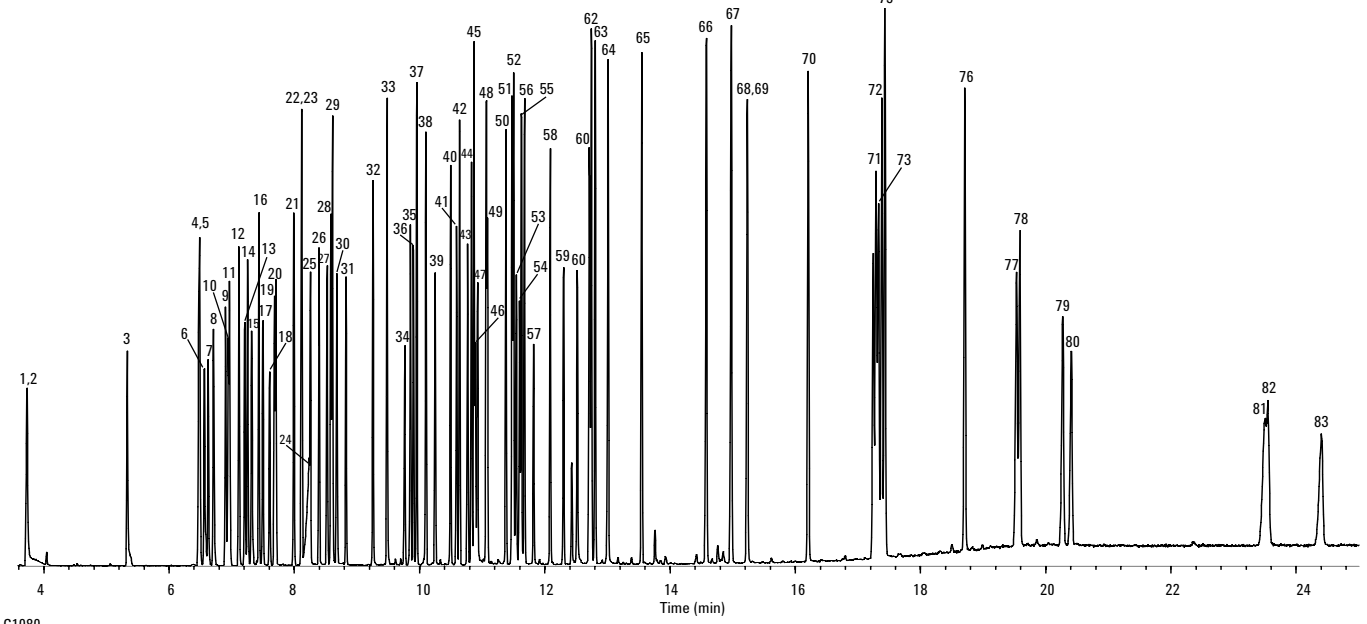


USEPA Method 8270 Semivolatile Compounds

Column: HP-5ms
30 m x 0.25 mm I.D., 0.5 um
P/N: 19091S-133
Carrier: Ramped flow
 1.2 mL/min for 0.0 min
 ramp at 99 mL/min to 2.0 mL/min
 2.0 mL/min for 0.35 min
 ramp at 10 mL/min to 1.2 mL/min
Oven:
 40 C for 1.0 min
 40-100 C at 15 C/min
 100-240 C at 20 C/min
 240-310 C at 10 C/min
Inlet:
 Splitless, 250 C
 30 mL/min purge flow at 0.35 min
Sample:
 1 uL of 50 ng standard
Detector:
 5973 MSD, 310 C transfer line
 Scan range 35-500 amu, 3.25 scans/sec

- | | | |
|----------------------------------|---------------------------------|--------------------------------|
| 1. n-Nitrosodimethylamine | 29. Naphthalene | 57. 2,4,6-Tribromophenol |
| 2. Pyridine | 30. 4-Chloroaniline | 58. 4-Bromophenyl-phenylether |
| 3. 2-Fluorophenol | 31. Hexachlorobutadiene | 59. Hexachlorobenzene |
| 4. Phenol-d5 | 32. 4-Chloro-3-methylphenol | 60. Pentachlorophenol |
| 5. Phenol | 33. 2-Methylnaphthalene | 61. Phenanthrene-d10 |
| 6. Aniline | 34. Hexachlorocyclopentadiene | 62. Phenanthrene |
| 7. bis(2-Chloroethyl) ether | 35. 2,4,6-Trichlorophenol | 63. Anthracene |
| 8. 2-Chlorophenol | 36. 2,4,5-Trichlorophenol | 64. Carbazole |
| 9. 1,3-Dichlorobenzene | 37. 2-Fluorobiphenyl | 65. Di-n-butylphthalate |
| 10. 1,4-Dichlorobenzene-d4 | 38. 2-Chloronaphthalene | 66. Fluoranthene |
| 11. 1,4-Dichlorobenzene | 39. 2-Nitroaniline | 67. Pyrene |
| 12. Benzyl alcohol | 40. Dimethylphthalate | 68. Terphenyl-d14 |
| 13. 1,2-Dichlorobenzene | 41. 2,6-Dinitrotoluene | 69. Benzidine |
| 14. 2-Methylphenol | 42. Acenaphthylene | 70. Butylbenzylphthalate |
| 15. bis(2-Chloroisopropyl) ether | 43. 3-Nitroaniline | 71. 3,3'-Dichlorobenzidine |
| 16. 4-Methylphenol | 44. Acenaphthene-d10 | 72. Benzo[a]anthracene |
| 17. n-Nitroso-di-n-propylamine | 45. Acenaphthene | 73. Chrysene-d12 |
| 18. Hexachloroethane | 46. 2,4-Dinitrophenol | 74. Chrysene |
| 19. Nitrobenzene-d5 | 47. 4-Nitrophenol | 75. bis(2-Ethylhexyl)phthalate |
| 20. Nitrobenzene | 48. Dibenzofuran | 76. Di-n-octylphthalate |
| 21. Isophorone | 49. 2,4-Dinitrotoluene | 77. Benzo[b]fluoranthene |
| 22. 2-Nitrophenol | 50. Diethylphthalate | 78. Benzo[k]fluoranthene |
| 23. 2,4-Dimethylphenol | 51. 4-Chlorophenyl-phenyl ether | 79. Benzo[a]pyrene |
| 24. Benzoic acid | 52. Fluorene | 80. Perylene-d12 |
| 25. bis(2-Chloroethoxy) methane | 53. 4-Nitroaniline | 81. Indeno[1,2,3-cd]pyrene |
| 26. 2,4-Dichlorophenol | 54. 4,6-Dinitro-2-methylphenol | 82. Dibenz[a,h]anthracene |
| 27. 1,2,4-Trichlorobenzene | 55. n-Nitrosodiphenylamine | 83. Benzo[g,h,i]perylene |
| 28. Naphthalene-d8 | 56. Azobenzene | |



C1080