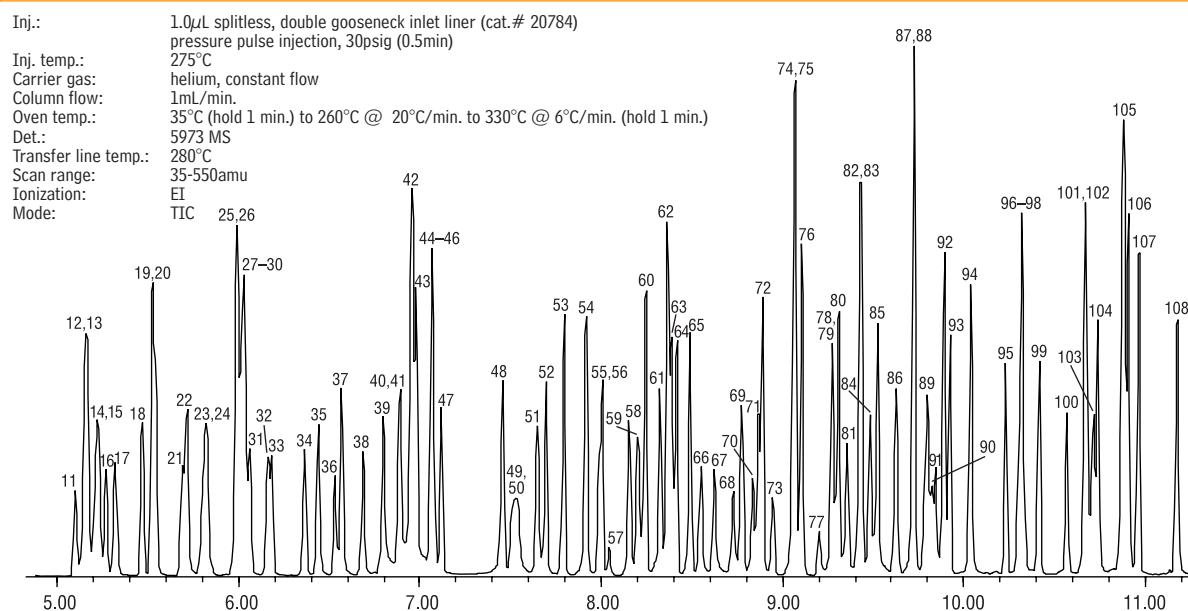
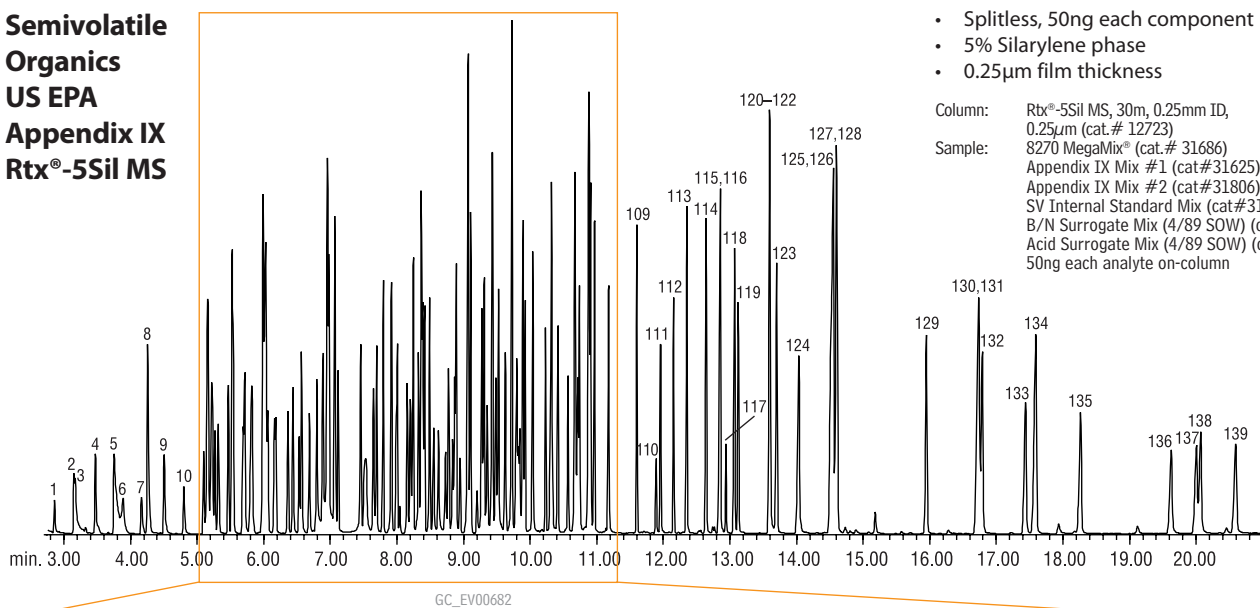


Semivolatile  
Organics  
US EPA  
Appendix IX  
Rtx®-5Sil MS

- Splitless, 50ng each component
- 5% Silarylene phase
- 0.25µm film thickness

Column: Rtx®-5Sil MS, 30m, 0.25mm ID,  
0.25µm (cat.# 12723)  
Sample: 8270 MegaMix® (cat.# 31686)  
Appendix IX Mix #1 (cat.#31625)  
Appendix IX Mix #2 (cat.#31806)  
SV Internal Standard Mix (cat.#31206)  
B/N Surrogate Mix (4/89 SOW) (cat.#31062)  
Acid Surrogate Mix (4/89 SOW) (cat.#31063)  
50ng each analyte on-column



Inj.: 1.0µL splitless, double gooseneck inlet liner (cat.# 20784)  
pressure pulse injection, 30psig (0.5min)  
Inj. temp.: 275°C  
Carrier gas: helium, constant flow  
Column flow: 1mL/min.  
Oven temp.: 35°C (hold 1 min.) to 260°C @ 20°C/min. to 330°C @ 6°C/min. (hold 1 min.)  
Det.: 5973 MS  
Transfer line temp.: 280°C  
Scan range: 35-550amu  
Ionization: EI  
Mode: TIC

|                                 |  |                                     |                                 |                                   |                                    |
|---------------------------------|--|-------------------------------------|---------------------------------|-----------------------------------|------------------------------------|
| 1. 1,4-dioxane                  | 24. bis(2-chloroisopropyl)ether          | 47. hexachlorobutadiene             | 71. 2,6-dinitrotoluene          | 95. diallate                      | 119. dichlorobenzilate             |
| 2. pyridine                     | 25. acetophenone                         | 48. N-nitroso- <i>n</i> -butylamine | 72. acenaphthylene              | 96. 1,3,5-trinitrobenzene         | 120. 3,3-dimethylbenzidine         |
| 3. N-nitrosodimethylamine       | 26a. 4-methylphenol                      | 49. 1,4-phenylenediamine            | 73. 1,2-dinitrobenzene          | 97. phenacetin                    | 121. benzyl butyl phthalate        |
| 4. ethyl methacrylate           | 26b. 3-methylphenol                      | 50. caprolactam                     | 74. 3-nitroaniline              | 98. 4-bromophenyl phenyl ether    | 122. Kepone                        |
| 5. 2-picoline                   | 27. N-nitroso-di- <i>n</i> -propylamine  | 51. 4-chloro-3-methylphenol         | 75. acenaphthene-d10 (IS)       | 99. hexachlorobenzene             | 123. bis(2-ethylhexyl)adipate      |
| 6. N-nitrosomethylethylamine    | 28. nitrosopyrrolidine                   | 52. isosafrole                      | 76. acenaphthene                | 100. atrazine                     | 124. 2-acetylaminofluorene         |
| 7. methyl methanesulfonate      | 29. <i>o</i> -toluidine                  | 53. 2-methylnaphthalene             | 77. 2,4-dinitrophenol           | 101. 4-aminobiphenyl              | 125. 4-aminobiphenyl               |
| 8. 2-fluorophenol               | 30. 4-nitrosomorpholine                  | 54. 1-methylnaphthalene             | 78. pentachlorobenzene          | 102. pentachlorophenol            | 126. chrysene-d12 (IS)             |
| 9. N-nitrosodiethylamine        | 31. hexachloroethane                     | 55. hexachlorocyclopentadiene       | 79. 4-nitrophenol               | 103. pentachloronitrobenzene      | 127. chrysene                      |
| 10. ethyl methanesulfonate      | 32. nitrobenzene-d5 (SS)                 | 56. 1,2,4,5-tetrachlorobenzene      | 80. dibenzofuran                | 104. propylamide                  | 128. bis(2-ethylhexyl)phthalate    |
| 11. benzaldehyde                | 33. nitrobenzene                         | 57. isosafrole                      | 81. 2,4-dinitrotoluene          | 105. phenanthrene-d10 (IS)        | 129. di- <i>n</i> -octyl phthalate |
| 12. phenol-d6 (SS)              | 34. N-nitrosopiperidine                  | 58. 2,4,6-trichlorophenol           | 82. 1-naphthalamine             | 106. phenanthrene                 | 130. benzo(a,h)anthracene          |
| 13. phenol                      | 35. isophorone                           | 59. 2,4,5-trichlorophenol           | 83. 2,3,4,6-tetrachlorophenol   | 107. anthracene                   | 131. 7,12-dimethyl-                |
| 14. aniline                     | 36. 2-nitrophenol                        | 60. 2-fluorobiphenyl (SS)           | 84. 2,3,5,6-tetrachlorophenol   | 108. carbazole                    | benzo(a)anthracene                 |
| 15. pentachloroethane           | 37. 2,4-dimethylphenol                   | 61. safrole                         | 85. 2-naphthylamine             | 109. di- <i>n</i> -butylphthalate | 132. benzo(k)fluoranthene          |
| 16. bis(2-chloroethyl)ether     | 38. bis(2-chloroethoxy)methane           | 62. biphenyl                        | 86. diethyl phthalate           | 110. 4-nitroquinoline-1-oxide     | 133. benzo(a)pyrene                |
| 17. 2-chlorophenol              | 39. 2,4-dichlorophenol                   | 63. 2-chloronaphthalene             | 87. fluorene                    | 111. methapyrilone                | 134. perylene-d12 (IS)             |
| 18. 1,3-dichlorobenzene         | 40. 1,2,4-trichlorobenzene               | 64. 1-chloronaphthalene             | 88. 4-chlorophenyl phenyl ether | 112. isodrin                      | 135. 3-methylcholanthrene          |
| 19. 1,4-dichlorobenzene-d4 (IS) | 41. $\alpha,\alpha$ -dimethylphenylamine | 65. diphenyl ether                  | 89. 2-methyl-5-nitroaniline     | 113. fluoranthene                 | 136. dibenzo(a,j)acridine          |
| 20. 1,4-dichlorobenzene         | 42. naphthalene-d8 (IS)                  | 66. 2-nitroaniline                  | 90. 4-nitroaniline              | 114. pyrene                       | 137. indeno(1,2,3-cd)pyrene        |
| 21. benzyl alcohol              | 43. naphthalene                          | 67. 1,4-naphthoquinone              | 91. 4,6-dinitro-2-methylphenol  | 115. Aramite (isomer)             | 138. dibenzo(a,h)anthracene        |
| 22. 1,2-dichlorobenzene         | 44. 2,6-dichlorophenol                   | 68. 1,4-dinitrobenzene              | 92. diphenylamine               | 116. <i>p</i> -terphenyl-d14 (SS) | 139. benzo(ghi)perylene            |
| 23. 2-methylphenol              | 45. 4-chloroaniline                      | 69. dimethylphthalate               | 93. azobenzene                  | 117. Aramite (isomer)             |                                    |
|                                 | 46. hexachloropropene                    | 70. 1,3-dinitrobenzene              | 94. 2,4,6-tribromophenol (SS)   | 118. dimethylaminoazobenzene      |                                    |