GC Application

ID No.: **16584**

EPA Method 8270C on ZB-XLB

Column: Zebron™ ZB-XLB, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

Phase: Proprietary XLB Phase

Dimensions: 30 meters x 0.25 mm x 0.25 µm

Order No: 7HG-G019-11

Oven Profile: 40 °C for 2 min to 260 °C @ 15 °C/min for 5 min to 340 °C @ 15 °C/min for 5 min.

Carrier Gas: Constant Flow Helium, 1.5 mL/min

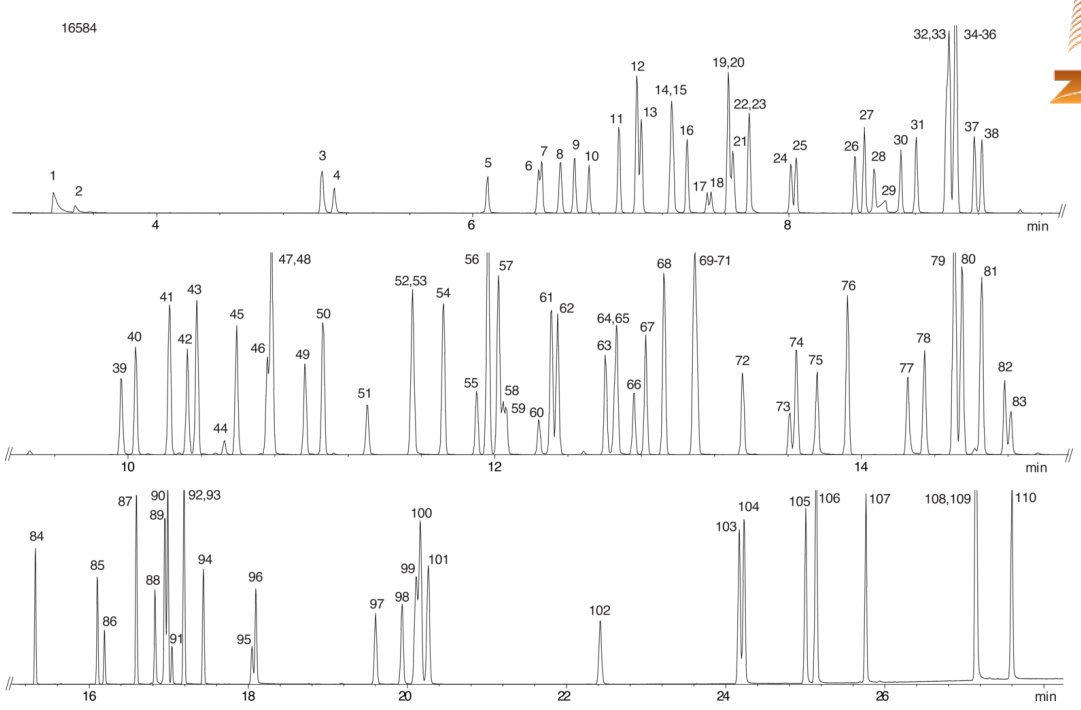
Injection: Split 5:1 1 µL @ 250°C

Detection: Mass Selective (MSD) (180°C)

Analyst Note: Analytes are 25ppm in methylene chloride.

Products used in this application:

Zebron



For more information contact your Phenomenex Representative at support@phenomenex.com

Phenomenex products are available worldwide.

EPA Method 8270C on ZB-XLB

ANALYTES:

1. Pyridine
2. N-Nitrosodimethylamine
3. 2-Fluorophenol
4. Methylmethane sulfonate
5. Ethyl methanesulfonate
6. Phenol-d6
7. Phenol
8. Aniline
9. 2-Chlorophenol
10. bis(2-Chloroethyl)ether
11. 1,2-Dichlorobenzene
12. 1,4-Dichlorobenzene-d4
13. 1,4-Dichlorobenzene
14. 1,3-Dichlorobenzene
15. Benzyl alcohol
16. 2-Methylphenol
17. bis(2-Chloroisopropyl)ether
18. bis(2-Chloroisopropyl)ether
19. 4-Methylphenol
20. Hexachloroethane
21. 3-Methylphenol
22. N-Nitrosodi-n-propylamine
23. Acetophenone
24. Nitrobenzene-d5
25. Nitrobenzene
26. Isophorone
27. 2,4-Dimethylphenol
28. 2-Nitrophenol
29. Benzoic acid
30. bis(2-Chloroethoxy)methane
31. 2,4-Dichlorophenol
32. 1,2,4-Trichlorobenzene
33. Naphthalene-d8
34. Naphthalene
35. Hexachloropropene
36. Hexachlorobutadiene
37. 2,6-Dichlorophenol
38. 4-Chloroaniline
39. 4-Chloro-3-methylphenol
40. Safrole
41. 2-Methylnaphthalene
42. Hexachlorocyclopentadiene
43. 1-Methylnaphthalene
44. Isosafrole
45. 1,2,4,5-Tetrachlorobenzene
46. 2,4,6-Trichlorophenol
47. 2,4,5-Trichlorophenol
48. 2-Fluorobiphenyl
49. Isosafrole
50. 2-Chloronaphthalene
51. 2-Nitroaniline
52. 1,4-Naphthoquinone
53. Dimethylphthalate
54. Acenaphthylene
55. 2,6-Dinitrotoluene
56. Acenaphthene-d10
57. Acenaphthene
58. 3-Nitroaniline
59. 1,3-Dinitrobenzene
60. 4-Nitrophenol
61. Dibenzofuran
62. Pentachlorobenzene
63. 2,3,4,6-Tetrachlorophenol
64. 2,4-Dinitrophenol
65. Diethylphthalate
66. 2,4-Dinitrotoluene
67. 4-Chlorophenylphenylether
68. Fluorene
69. Diphenylamine
70. 4-Nitroaniline
71. Azobenzene
72. 2,4,6-Tribromophenol
73. 2-Methyl-4,6-dinitrophenol
74. 4-Bromophenyl phenyl ether
75. Phenacetin
76. Hexachlorobenzene
77. Pentachlorophenol
78. Pentachloronitrobenzene
79. Phenanthrene-d10
80. Phenanthrene
81. Anthracene
82. Dinoseb
83. 1,3,5-Trinitrobenzene
84. Dibutyl phthalate
85. Isodrin
86. 4-Nitroquinoline-1-oxide
87. Fluoranthene
88. Benzidine
89. Pyrene-d10
90. Pyrene
91. Aramite
92. Aramite
93. p-Terphenyl-d14
94. Chlorobenzilate
95. Kepone
96. Butylbenzyl phthalate
97. bis(2-Ethylhexyl)phthalate
98. 3,3'-Dichlorobenzidine
99. Benz[a]anthracene
100. Chrysene-d12
101. Chrysene
102. Di-n-octyl phthalate
103. Benzo[b]fluoranthene
104. Benzo[k]fluoranthene
105. Benzo[a]pyrene
106. Perylene-d12
107. 3-Methylchlolanthrene
108. Ideno(1,2,3-cd)pyrene
109. Dibenz[a,h]anthracene
110. Benzo[g,h,i]perylene