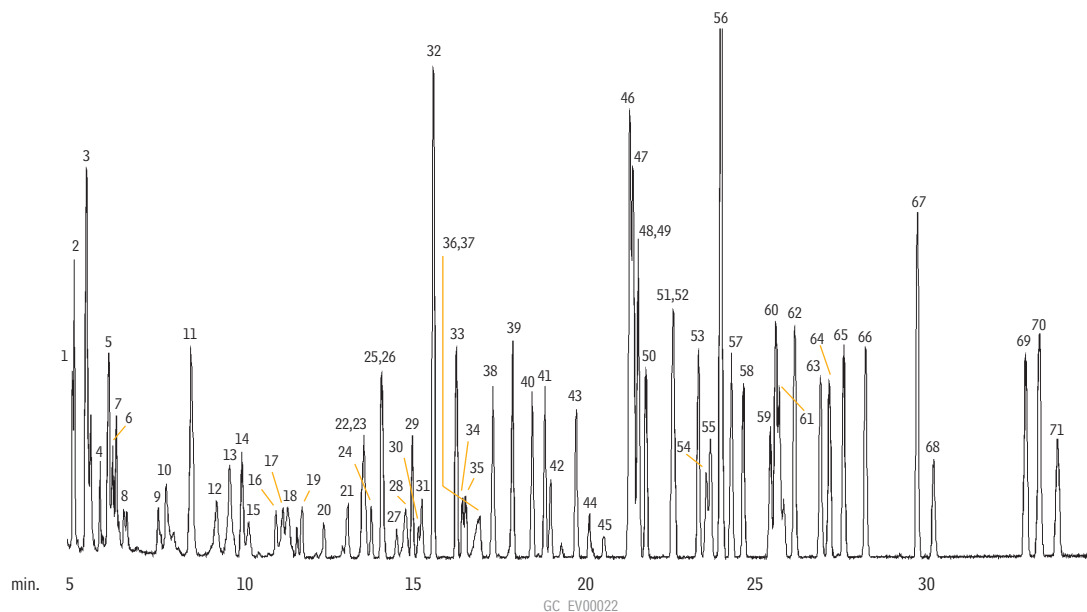


Air Toxins Rtx®-502.2



1. chlorodifluoromethane	19. <i>trans</i> -1,2-dichloroethene	37. bromodichloromethane	55. 1,1,1,2-tetrachloroethane
2. dichlorodifluoromethane	20. 1,1-dichloroethane	38. 4-methyl-2-pentanone	56. 4-bromofluoromethane
3. dichlorotetrafluoroethane	21. methyl ethyl ketone	39. octane	57. <i>n</i> -propylbenzene
4. chloromethane	22. <i>cis</i> -1,2-dichloroethene	40. toluene	58. 1,3,5-trimethylbenzene
5. butane	23. methacrylonitrile	41. 2-hexanone	59. α -methylstyrene
6. vinyl chloride	24. chloroform	42. 1,1,2-trichloroethane	60. <i>tert</i> -butylbenzene
7. 1,3-butadiene	25. bromochloromethane	43. tetrachloroethene	61. 1,2,4-trimethylbenzene
8. acetaldehyde	26. tetrahydrofuran	44. dibromochloromethane	62. <i>sec</i> -butylbenzene
9. bromomethane	27. 1,1,1-trichloroethane	45. 1,2-dibromoethane	63. 1,3-dichlorobenzene
10. chloroethane	28. <i>n</i> -butanol	46. chlorobenzene-d5	64. 1,4-dichlorobenzene
11. trichlorofluoromethane	29. heptane	47. chlorobenzene	65. butylbenzene
12. isopropanol	30. 1,2-dichloroethane	48. <i>m</i> -xylene	66. 1,2-dichlorobenzene
13. acetone	31. benzene	49. <i>p</i> -xylene	67. dodecane
14. 1,1-dichloroethene	32. 1,4-difluorobenzene	50. 2-heptanone	68. dibromochloropropane
15. acetonitrile	33. trichloroethene	51. styrene	69. 1,2,4-trichlorobenzene
16. dichloromethane	34. ethyl methacrylate	52. <i>o</i> -xylene	70. hexachlorobutadiene
17. acrylonitrile	35. 1,2-dichloropropane	53. isopropylbenzene	71. naphthalene
18. 1-propanol	36. 1,4-dioxane	54. bromoform	

Column: Rtx®-502.2, 60m, 0.32mm ID, 1.8 μ m (cat.# 10920)
 Sample: 500mL of 10ppbv standard concentrated on an AEROCAN 6000 using a glass bead trap at 165°C then desorbed at 200°C for 4 min. @ 1mL/min., cryofocused @ -175°C then desorbed @ 150°C
 Oven temp.: 35°C (hold 6 min.) to 120°C @ 15°C/min., then to 200°C @ 5°C/min., then to 220°C @ 25°C/min. (hold 10 min.)
 Det. & det. temp.: Agilent-5971A GC/MS, 280°C
 Carrier gas: helium @ 1mL/min.
 Linear velocity: 20cm/sec.
 Scan range: 28-260amu
 Solvent delay: 4 min.

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