

Purgeables Analysis Without Cryofocusing (EPA Method 502.2)

Column: DB-502.2

105 m x 0.53 mm I.D., 3.0 µm

J&W P/N: 125-14A4

Carrier: Helium at 10 mL/min, measured at 35°C

Oven: 35°C for 10 min

35-200°C at 4°/min

200°C for 5 min

Injector: Purge and trap (O.I.A. 4560)

40 ppb per component in 5 mL water

Trap: Tenax/Silica Gel/Charcoal

Detector: ELCD (O.I.A. 4420), with NiCat reaction tube in the halogen mode, 950°C reactor temperature.

- | | | |
|-------------------------------------|---------------------------------------|---------------------------------|
| 1. Dichlorodifluoromethane | 19. 1,2-Dichloroethane | 40. Isopropylbenzene |
| 2. Chloromethane | 20. Trichloroethene | 41. 1,1,2,2-Tetrachloroethane |
| 3. Vinyl chloride | 21. 1,2-Dichloropropane | 42. Bromobenzene |
| 4. Bromomethane | 22. Dibromomethane | 43. 1,2,3-Trichloropropane |
| 5. Chloroethane | 23. Bromodichloromethane | 44. <i>n</i> -Propylbenzene |
| 6. Trichlorofluoromethane | 24. <i>cis</i> -1,3-Dichloropropene | 45. 2-Chlorotoluene |
| 7. 1,1-Dichloroethene | 25. Toluene | 46. 1,3,5-Trimethylbenzene |
| 8. Methylene chloride | 26. <i>trans</i> -1,3-Dichloropropene | 47. 4-Chlorotoluene |
| 9. <i>trans</i> -1,2-Dichloroethane | 27. 1,1,2-Trichloroethane | 48. <i>tert</i> -Butylbenzene |
| 10. 1,1-Dichloroethane | 28. Tetrachloroethene | 49. 1,2,4-Trimethylbenzene |
| 11. <i>cis</i> -1,2-Dichloroethene | 29. 1,3-Dichloropropane | 50. <i>sec</i> -Butylbenzene |
| 12. 2,2-Dichloropropane | 30. Dibromochloromethane | 51. 1,3-Dichlorobenzene |
| 13. Bromochloromethane | 31. 1,2-Dibromoethane | 52. <i>p</i> -Isopropyltoluene |
| 14. Chloroform | 32. Chlorobenzene | 53. 1,4-Dichlorobenzene |
| 15. 1,1,1-Trichloroethane | 33. 1,1,1,2-Tetrachloroethane | 54. <i>n</i> -Butylbenzene |
| 16. 1,1-Dichloropropene | 34. Ethylbenzene | 55. 1,2-Dichlorobenzene |
| 17. Carbon tetrachloride | 35. <i>m</i> -Xylene | 56. 1,2-Dibromo-3-chloropropane |
| 18. Benzene | 36. <i>p</i> -Xylene | 57. 1,2,4-Trichlorobenzene |
| | 37. <i>o</i> -Xylene | 58. Hexachlorobutadiene |
| | 38. Styrene | 59. Naphthalene |
| | 39. Bromoform | 60. 1,2,3-Trichlorobenzene |

