



Environmental Disinfection By-products



www.dps-instruments.com

We all want clean water to drink for ourselves and our kids. The lakes, streams, springs, and wells that are the source of our drinking water have naturally occurring organic compounds from plant decomposition and contaminants from man made sources. When distribution companies and water treatment plants add chlorine or other disinfectants to purify the water, disinfection by-products are formed that can be harmful to human health. The most common of these are Trihalomethanes, such as Chloroform. However, Haloacetic Acids, Chlorophenols, and other chlorinated and brominated compounds can be formed. Water companies go to great lengths to reduce the concentrations of these harmful by-products, but they are always present. The Disinfection By-products GC Analyzers from DPS use the nonradioactive BCD detector to identify these by-products in the low part per billion (ppb) range. The fully integrated Disinfection By-products GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Series 600 GC

Available Configurations Include:

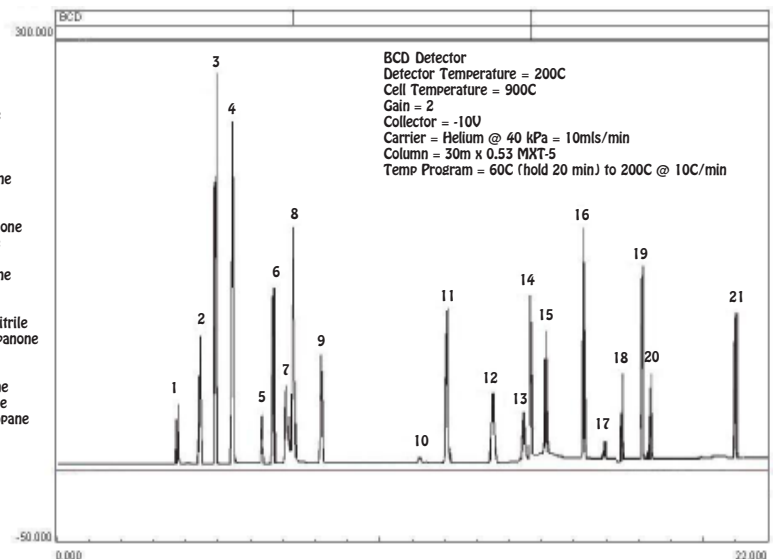
- 600-C-021 - Series 600 Disinfection By-products GC Analyzer (BCD, 30m)
- 500-C2-021 - Companion 2 Portable Disinfection By-products GC Analyzer (BCD, 30m)

Chlorinated Disinfection By-Products



Companion 2 Portable GC

1. Chloroform
2. 1,1,1-Trichloroethane
3. Carbon Tetrachloride
4. Trichloroacetonitrile
5. Trichloroethylene
6. Bromodichloromethane
7. Chloral Hydrate
8. Dichloroacetonitrile
9. 1,1-Dichloro-2-Propanone
10. 1,1,2-Trichloroethane
11. Chloropicrin
12. Dibromochloromethane
13. 1,2-Dibromomethane
14. Tetrachloroethylene
15. Bromodichloroacetonitrile
16. 1,1,1-Trichloro-2-Propanone
17. Bromoform
18. Dibromoacetonitrile
19. 1,2,3-Trichloropropane
20. 4-Bromofluorobenzene
21. 1,2-Dromo-3-Chloropropane



11/2015 Specifications may change without notice.