

EPA Method 525.2

Semi Volatile Organics in Drinking Water by GC/MS

II. Materials

Strata SPE Phase: C18-E 1g/6mL Part Number: 8B-S001-JCH

III. Method

A. Condition:

1. 5mL of Methanol
2. 15mL of DI Water

B. Load:

Add 5mL of MeOH to the water sample, mix, and then add sample to syringe barrel.

C. Wash:

Wash the sample with three 5mL portions of DI Water. Dry thoroughly for 30-60 seconds to insure removal of aqueous wash.

D. Elute:

1. Rinse the sample bottle with 5mL of Ethyl Acetate and decant into the syringe barrel. Pull the volume through under vacuum each time at a rate that is not to exceed 3mL/min.
2. Repeat the procedure two more times using Methylene Chloride.

II. Analysis

- A. Sample should be dried and diluted to a final volume as specified by EPA method 525.
- B. Analyze by GC/MS using a Zebron ZB-5.

Note: This information is designed to serve as a convenient summary of the solid phase extraction protocol contained in the referenced US EPA method. Phenomenex makes no guarantee regarding the accuracy or completeness of the method. Please contact the US EPA for a copy of the original, complete method.