

Benzene and VCM traces in drinking water

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MEGA[®]
gas chromatography solutions

Column: **MEGA-VOC 1 - 0.25mm, 1.40 μ m, 50m**

Catalog Code: C-VOC1-025-140-50

USP G43 stationary phase

Conditions:

Injection: Splitless (1min), 300°C.

Detector: FID, 260°C.

Oven Program: 70°C (4min), 20°C/min, 160°C (3min).

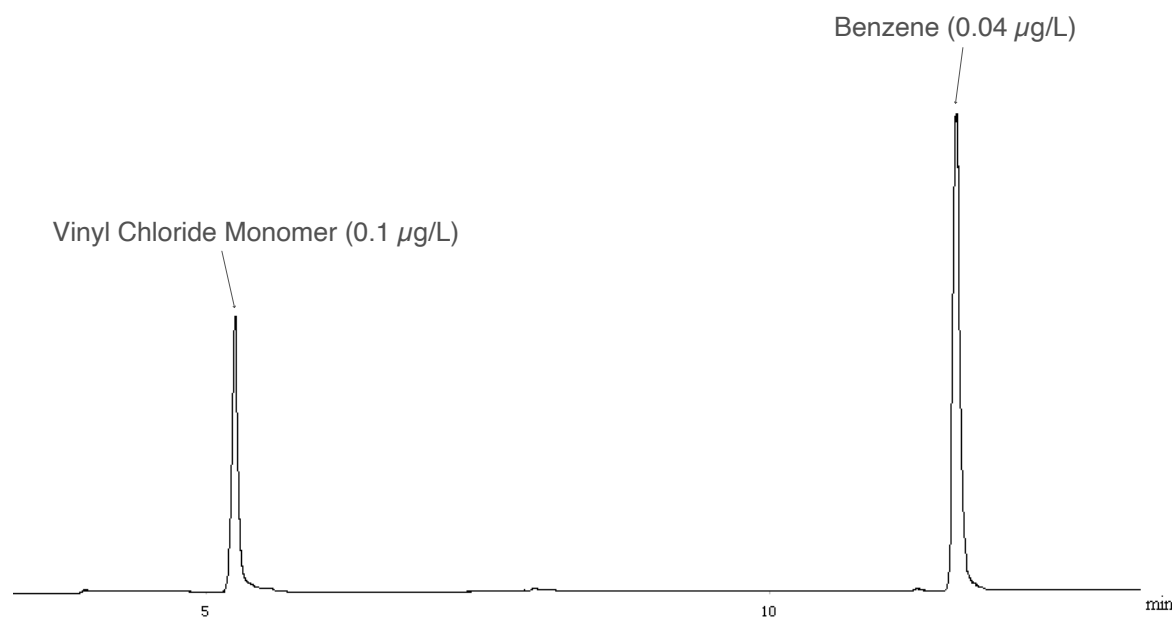
Carrier Gas: Helium, 1mL/min.

Sampling: 10mL of drinking water + 25% of NaCl.

Extraction: HS-SPME (CAR-PDMS 85 μ m fiber, 2 min of Magnetic stirring, 20min of fiber exposition time @ 50°C, 4min desorption time)

Sample:

Natural water added with a standard mix, VCM (0,1 μ g/L)
Benzene (0,04 μ g/L).



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