

Store at -20°C upon receipt. The enclosed ampule when properly diluted will give known concentrations for the listed compounds.

The sample is prepared using the following instructions:

1. Fill a 100mL volumetric flask to volume with laboratory grade water at 20°C.
2. Stabilize the ampule to 20°C.
3. Use a 25 µL Hamilton 702N microsyringe or equivalent. Variations in needle geometry will adversely affect the ability to deliver reproducible volumes.
4. Withdraw 25 µL and IMMEDIATELY adjust to 20.0 µL.
5. Rapidly inject 20.0 µL of the concentrate into the expanded area of the filled volumetric flask. Remove the needle as fast as possible after injection. If the sample is injected into the neck area, poor results are obtained.
6. Mix the sample by inverting the flask three times only. Excessive shaking results in loss of volatiles.
7. Analyze the resulting solution as if it were a normal sample.
8. Aqueous solutions are unstable and should be discarded after one hour.

Analyte	Units	WP
Benzene	ug/L	8.00 - 120
Ethylbenzene	ug/L	9.00 - 100
Methyl-t-butylether (MTBE)	ug/L	15.0 - 100
Toluene	ug/L	7.00 - 100
Total Xylenes	ug/L	20.0 - 300

