Instructions for Catalog # 760
BTEX & MTBE in Water

Revision 040307

Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate.
- This concentrate is not preserved.
- The solvent for this concentrate is Methanol.
- The concentrate should be stored at 4±2°C.
- The standard contains the following analytes in the concentration ranges shown:

Benzene	8 – 120 µg/L
Ethylbenzene	9 – 100 µg/L
Toluene	7 – 100 µg/L
Total Xylenes	20 – 300 µg/L
Methyl tert-butyl ether	15 – 100 µg/L

Helpful Hints:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- As the diluted standard is not stable, it must be analyzed immediately after the concentrate is diluted.

Instructions:

1. Add 100 mL of organic free, deionized water to a clean 100 mL class A volumetric flask.
2. Carefully snap the top off of the BTEX & MTBE in Water ampule.
3. Using a ten microliter syringe, transfer 5.0 µL of the concentrate below the surface of the water in the flask.
4. Cap the flask and mix by inverting two or three times.
5. Immediately analyze the diluted sample by your normal procedures.

Stability:

If an expiration date is not printed on the DataPacK™ certification sheet, the stability of this standard is unconditionally guaranteed for 1 year from date of receipt.

Safety:

ERA products may be hazardous and are intended for use by professional laboratory personnel trained in the competent handling of such materials. Responsibility for the safe use of these products rests entirely with the buyer and/or user. Material Safety Data Sheets (MSDS) for all ERA products are available by calling 1-800-372-0122.