



Instructions for Catalog # 1100QR
Air and Emissions Volatiles in Gas Cylinder
Revision 010919

Description:

- This standard is packaged in a pressurized cylinder containing 87 L of gas at 1500 psig (103 bar) at 70° F (21° C).
- The matrix for this sample is nitrogen.
- The cylinder should be stored at room temperature.
- Various aspects of this proficiency testing scheme may be subcontracted. When subcontracting occurs, it is performed by a competent subcontractor and ERA is responsible for subcontracted work.
- This standard contains a subset of the analytes listed on the data reporting form in the range of 2 to 50 ppbv, with the exception of total xylenes which is in the range of 4 to 100 ppbv.

Before you begin:

- This standard is provided in a pressurized cylinder and must be transferred to a Summa canister or introduced to your instrument via a step-down regulator.
- Any questions concerning transfer to Summa canister or use of step-down regulator should be directed to ERA technical support prior to use of product.

Instructions:

1. Either transfer a subsample of this standard to a prepared Summa canister, or use an appropriate, clean, regulator to transfer the sample to your instrument.
2. Analyze the sample following your normal procedures.
3. Report your results as ppbv for the sample.

Safety:

ERA products may be hazardous and are intended for use by professional laboratory personnel trained in the competent handling of such materials. This standard should only be used by laboratory personnel experienced in the safe handling of pressurized gas cylinders. 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.