Instructions for Catalog # 1112QR
Air and Emissions PCBs on PUF

Revision 021908

Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate and a jar containing one polyurethane foam (PUF) tube.
- This concentrate is not preserved.
- The solvent for this concentrate is Methanol.
- The concentrate should be stored at 4±2°C.
- The PUF should be stored at room temperature and protected from UV light.
- The prepared standard will contain a subset of the analytes listed on the data reporting form in the range of 1 to 15 µg/sample.

Before you begin:

- This standard has been prepared as a concentrate intended for spiking onto the supplied PUF and must be prepared prior to analysis.
- The PUF is contained in an open ended sampling tube. Because of the porous nature of the PUF, the spiking solution containing the analytes of interest will run through the PUF upon application. Therefore, while spiking the PUF you must make sure all the spiking volume is transferred to the extraction apparatus. For best results, ERA suggests to place the PUF tube into the extraction apparatus during spiking.
- This standard should be analyzed as soon as possible after the sample is prepared using the instruction.

Instructions:

1. Take the PUF tube out of the container and place the PUF tube in your extraction apparatus.
2. Carefully snap the top off of the PCBs on PUF ampule.
3. Using a clean, dry, class A pipet or a syringe, transfer 1.0 mL of the concentrate onto the PUF.
4. Extract and analyze the PUF following your normal procedures.
5. Report your results as µg/sample for the prepared sample.

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.