Instructions for Catalog # 737QR

TCLP Semivolatiles

Revision 042313

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 diluted standard will contain all or a subset of the analytes listed in the ranges specified on the data reporting form.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- The compound 1,4-Dichlorobenzene is often analyzed by volatile and/or semivolatile analytical techniques. If your laboratory does not normally report 1,4-Dichlorobenzene in TCLP leachates by semivolatile methodology, do not report a result for it in this sample.
- This standard should be analyzed as soon as possible after the concentrate is diluted.

Instructions:

1. Add 25-75 mL of your laboratory's TCLP Extraction Fluid #1 to a clean 100 mL class A volumetric flask.
2. Carefully snap the top off of the TCLP Semivolatiles ampule.
3. Using a clean, dry, class A pipet or a syringe, transfer 1.0 mL of the concentrate into the 100 mL volumetric flask.
4. Dilute the flask to final volume with your laboratory's TCLP Extraction Fluid #1.
5. Cap the flask and mix well. This dilution will constitute the final TCLP extract with no further filtration required.
6. Immediately analyze the diluted sample by your normal procedures.
7. Report your results as mg/L for the diluted 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.