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Sampling for EPA Method 524.2 - Volatile Organic Compounds (VOCs)

Caution: Hydrochloric acid (HCl) is a corrosive material. Gloves should be worn when performing this procedure.

Freeze Gel Ice Upon Receipt of Sampling Kit

1. Use the 40 mL VOA vial containing approximately 25 mg ascorbic acid. (The ascorbic acid is the white powder visible in the VOA vial.)
2. Fill each vial to just overflowing taking care not to flush the rapidly dissolving ascorbic acid from the vial.
3. Uncap the 1.8 mL screw cap vial containing 0.5 mL HCl and, using the disposable pipette provided, add approximately 2 drops to the contents of the VOA vial.
4. Carefully cap the sample with the Teflon-lined septum cap. **NO AIR BUBBLES OR HEADSPACE SHOULD BE PRESENT.** Take care that the Teflon side of the septum is in contact with the samples. Label all samples as appropriate.
5. Store the sample at 4° C using a cooler with ice for transport to the lab.
6. Rinse the 1.8 mL screw cap vial with water and dispose.

Shipping Information

Attn: Sample Management Office
Columbia Analytical Services, Inc.
1317 South 13th Avenue
Kelso, WA 98626

For questions please contact our Kelso Laboratory at 360.577.7222.