

Collecting Drinking Water VOCs 524.3

Bottle Requirements

3-40 mL VOA vials with ascorbic acid and maleic acid.

Sampling Location

The location code that is identified on the water systems Sampling Plan.

Sampling Instructions

Take caution with the preservative –it is caustic

Activities including pumping gas, working with oil or hydraulic fluid and smoking prior to sampling VOCs can result in a contaminated sample.

1. Flush through the sampling point until main distribution water is coming through the sampling point (2-3 minutes).
2. Reduce the sample stream and take and record the free residual chlorine as applicable on the COC.
3. Fill the three 40 mL VOA vials until a reverse meniscus forms at the top without over flow (*see photo on the right*). Cap tightly and turn the bottle upside down and tap to ensure that there are ***no air bubbles*** present. If air is observed, uncap the vial and add a little sample until there is no air present in the vial.
4. The lab will not accept samples if air is present.
5. Label the sample bottles and fill out the COC.
6. All samples must be placed on ice. If received next day the samples must be less than 6°C. If possible, deliver to the lab the same day that they are taken.
7. All samples should be accompanied by a trip blank. The trip blank will be prepared at the laboratory & shipped with the sampling containers.

Do not open the trip blank!

Note: Holding Time is 14 days.



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