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## Sampling Requirements and Instructions for non-chlorinated Volatile Organic Compounds (VOC) for Drinking Water by Method 524.2

### SAMPLE KIT:

- Each Sample Kit includes four (4) 40 mL clear vials preserved with hydrochloric acid (HCl); (4) Travel (Trip) Blanks. The Trip Blank accompanies the samples at all times and must be returned **unopened** to the laboratory with the samples.

### SAMPLING REQUIREMENTS AND INSTRUCTIONS:

- Volatile Organic Compounds (VOC) samples should be taken at the entry point of the water system.
- Pick one water tap that is used regularly. Allow the cold water to run for a few minutes to flush the system. While the system is flushing, fill out the AAA Chain of Custody and the labels on the vials.
- Remove the four (4) 40 mL vials from the Sample Kit. **Do not** rinse the hydrochloric acid from the vials. Fill the vials until a small mound of water forms on the top of the vial. Replace the lid on the vial and turn the vial upside down gently to mix. Check the vial for air bubbles. If an air bubble is present, do not dump out the sample, but rather, pour additional water into the vial, replace the lid, and turn the vial upside down to check. Repeat this procedure until no air is present. Fill the other three 40 mL vials as described **from the same location. One sample = 4 vials.**
- Ensure all container labels and all associated documents are filled out completely.
- Return the vials to the bubble bag and pack the vials and the Trip Blank securely in a cooler containing ice or frozen gel packs. Ensure the Trip Blank and the vials do not touch the ice or gel packs.
- **Keep the samples between 0-6°C, and do not allow them to freeze.**
- Return the bottles, the chain of custody, money owed and all necessary information to the cooler and send it back to the laboratory. Remember to tape the cooler and send it by Goldstreak, Express Mail, or courier to one of the AAA laboratories or Service Centers. The address for each laboratory is listed.

**SAMPLES MUST BE TAKEN ACCORDING TO THESE INSTRUCTIONS. INCORRECT SAMPLING MAY CAUSE AAA TO BE UNABLE TO ACCEPT A SAMPLE AND THE CLIENT TO HAVE TO RESAMPLE AT THEIR EXPENSE.**