

Samples requiring analyses by EPA Method 624 now require special consideration. In the past the samples were collected in VOA vials either preserved (14 day hold time) or unpreserved (7 day hold time). The EPA has revised the collection and hold time requirements based on the analytes. The specifics are listed below

- 2 VOA Vials preserved with 1:1 Hydrochloric acid to pH < 2
- 2 VOA Vials Unpreserved
- 1 250mL Glass that is adjusted to 4-5 and then transferred to 2 VOA Vials

HOLD TIMES

- All Vials shall be kept at 0-6 degrees Celsius prior to analysis.
- Hold time for most compounds in preserved vials is 14 days, if unpreserved 7 days.
- For 2-Chloroethyl vinyl ether, the unpreserved vial hold time is 14 days
- For Acrolein and Acrylonitrile the adjusted vial hold time is 14 days. If unpreserved, the hold time is 3 days.

EXPLANATION OF ANALYSIS

- If sample is analyzed in less than 3 days, all analytes may be reported from an unpreserved vial.
- If sample is analyzed between 4 and 7 days, only the unpreserved and the adjusted vials need to be analyzed.
- If the sample is analyzed between 8 and 14 days, all three fractions will have to be analyzed.