

EPA 524.3 APPROVED FOR SDWA COMPLIANCE TESTING

EPA 524.3 has been approved for SDWA compliance testing and will soon be offered for certification by our Program.

Please note that EPA 524.3 will **not** replace EPA 524.2 at this time. Either method may be used for compliance testing of volatile organic compounds in drinking water.

The method was promulgated in the August 3, 2009 Federal Register Notice through the expedited methods rule. Federal Register, Vol. 74, No. 147, August 3, 2009: <http://www.epa.gov/fedrgstr/EPA-WATER/2009/August/Day-03/w18361.pdf>

EPA 524.3, Version 1.0, June 2009, may be downloaded from the following link: <http://www.epa.gov/ogwdw000/methods/pdfs/methods/met524-3.pdf>

Some of the changes that have been made from EPA 524.2 include:

- The use of maleic acid, a common food preservative, to preserve samples, eliminating the requirement to ship a hazardous reagent (hydrochloric acid) to the field.
- Incorporation of features that allow users to take advantage of modern instrumentation to improve speed and data quality.
- Increased flexibility in the selection of method operating parameters (e.g. shorter desorb times, selective ion monitoring)
- Approved method for EDB and DBCP provided that all data quality objectives, including State mandated DLRs, can be met.

HOW TO APPLY

- An amendment application and FOT/FOA 104 fees must be submitted to our Richmond office.
- PTs must be successfully analyzed.
- For laboratories currently approved for EPA 524.2, a 524.3 data package consisting of the Method Standard Operating Procedure and initial demonstration of capability data as described in Section 9.0 of the method must be submitted to your current ELAP representative.
- For laboratories that are not currently approved for EPA 524.2, a site visit may be required at our discretion.
- If you are in the process of certification, resubmit FOT/FOA 104 and include a written request to add EPA 524.3. The method will be evaluated during the on site assessment. No fees or application will be required in this event.