



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
CINCINNATI, OHIO 45268

**MEMORANDUM**

DATE: March 19, 2012

SUBJECT: The use of hydrogen as an alternate carrier gas in drinking water compliance methods.

FROM: Steven C. Wendelken PhD  
ATP coordinator  
Technical Support Center

RE: ATP Case No. D12-0003

Per the terms of the Alternate Test Procedure (ATP) program, the Office of Ground Water and Drinking Water's Technical Support Center (OGWDW/TSC) has determined that hydrogen is an acceptable carrier for gas chromatography and may be used in place of helium in drinking water compliance methods. This replacement is allowed as long as all of the quality control criteria in the method are met. Please consult your instrument manufacturer for any special instructions regarding this conversion.

We appreciate your interest in the development of environmental monitoring methods. If you have any questions regarding this alternate test procedure (ATP Case No. D12-0003), please contact Steve Wendelken by e-mail at: [wendelken.steve@epa.gov](mailto:wendelken.steve@epa.gov) or by telephone at: 513-569-7491.

Sincerely,

A handwritten signature in cursive script that reads "Steve Wendelken".

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cc:  
ATP Coordinators (all Regions)  
Danielle Carter, CSC, SCC



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