



Technical Memo

Updated: October 12, 2020

Updated Methods 8260D and 8270E - Volatile and Semi-volatile Organic Analyses

On October 1, 2020, IAL implemented the updated versions for both Volatile Organics (VOCs) and Semi-volatile Organics (SVOCs aka BNA). The new methods SW846 8260D (VOCs) and SW846 8270E (SVOCs) supersede the existing Methods 8260C and 8270D.

The differences between the update versions (8260C to D and 8270D to E) are very minor. Analytical results are comparable between the two versions.

The Method revisions include the option of hydrogen as a carrier gas, use of advanced measurement techniques such as selected ion monitoring (SIM), and updated language for the lower limit of quantitation and method blanks. In addition, instrument tuning requirements were updated to harmonize with other EPA program methods.

Please let the laboratory know if you have any questions regarding this memo.

Thank you for your continued use of IAL.

References:

SW846 8260D:

https://www.epa.gov/sites/production/files/2018-06/documents/method_8260d_update_vi_final_06-11-2018.pdf

SW846 8270E:

https://www.epa.gov/sites/production/files/2019-01/documents/8270e_revised_6_june_2018.pdf

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