

Additional References for Afternoon Session

Biomonitoring California Scientific Guidance Panel Meeting March 2, 2018

The following references are background materials for the afternoon session on “Community Exposure to Air Pollutants – A Role for Biomonitoring” at the [March 2018 Scientific Guidance Panel Meeting](#).

Additional references related to presentation on “Advances in Biomonitoring Methods for Volatile Organic Compounds.”

Alwis KU, de Castro BR, Morrow JC, Blount BC (2015). Acrolein exposure in U.S. tobacco smokers and non-tobacco users: NHANES 2005–2006. *Environ Health Perspect* 123(12):1302-1308. [Link to abstract](#). Full article available upon request.

Alwis KU, Bailey TL, Patel D, Wang L, Blount BC (2016). Measuring urinary N-acetyl-S-(4-hydroxy-2-methyl-2-buten-1-yl)-L-cysteine (IPMA3) as a potential biomarker of isoprene exposure. *Anal Chim Acta* 941:61-66. [Link to abstract](#). Full article available upon request.

Boyle EB, Viet SM, Wright DJ, Merrill LS, Alwis KU, Blount BC, Mortensen ME, Moyer J, Dellarco M (2016). Assessment of exposure to VOCs among pregnant women in the National Children’s Study. *Int J Environ Res Public Health* 13(4):376. [Link to abstract](#). Full article available upon request.

Hoet P, De Smedt E, Ferrari M, Imbriani M, Maestri L, Negri S, De Wilde P, Lison D, Haufroid V (2009). Evaluation of urinary biomarkers of exposure to benzene: correlation with blood benzene and influence of confounding factors. *Int Arch Occup Environ Health* 82:985–995. [Link to abstract](#). Full article available upon request.

Wei B, Alwis KU, Li Z, Wang L, Valentin-Blasini L, Sosnoff CS, Xia Y, Conway KP, Blount BC (2016). Urinary concentrations of PAH and VOC metabolites in marijuana users. *Environ Int* 88: 1-8. [Link to abstract](#). Full article available upon request.