

Electronic Supplementary Information

Emissions of DEHP from vehicle cabin materials: parameter determination, impact factors and exposure analysis

Tao Yang,^a Zhangcan He,^a Shuhua Zhang,^b Liping Tong,^c Jianping Cao^{*d} and Jianyin Xiong^{*a}

^aSchool of Mechanical Engineering, Beijing Institute of Technology, Beijing 100081, China

^bUnion Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430022, China

^cAutomotive Data Center, China Automotive Technology and Research Center Co. Ltd, Tianjin 300300, China

^dSchool of Environmental Science and Engineering, Sun Yat-sen University, Guangzhou 510006, China

*Corresponding author

^aJianyin Xiong. Tel.: +86 10 68914304; Fax: +86 10 68412865; E-mail address: xiongjy@bit.edu.cn

^dJianping Cao. Tel.: +86 20 39332690; Fax: +86 20 39332742; E-mail address: caojp3@mail.sysu.edu.cn

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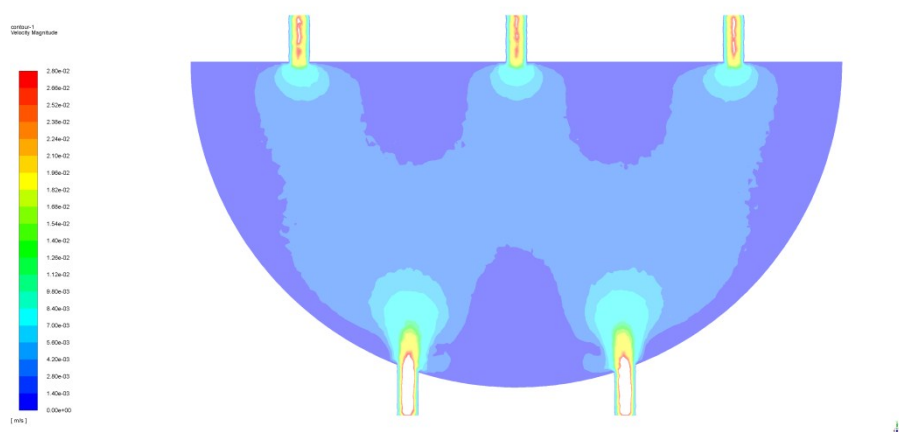


Fig. S1 Simulation of air velocity field in the ventilated chamber at 500 mL/min.

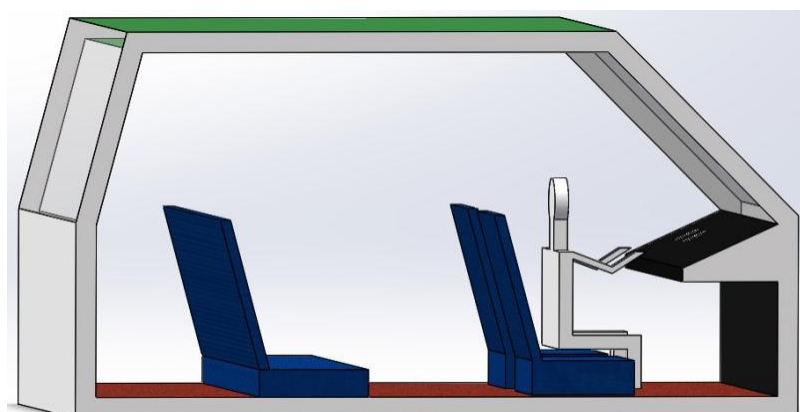


Fig. S2 Schematic of a simple model describing emission process of SVOCs in a vehicular environment.

Table S1 Dimensions of the ventilated chamber

Parameter	Value
Chamber volume (L), V	1
Area of test pieces (m ²), A	0.13
Internal stainless steel surface area (m ²), A_s	0.02
Chamber diameter (cm), D	40
Chamber height (cm), H	1.8

Table S2 Determined D_m and K at different test temperatures

Temperature	D_m (m ² /s)	K
25 °C	7.52×10^{-16}	3.10×10^8
35 °C	1.61×10^{-15}	8.56×10^7
50 °C	3.50×10^{-15}	2.92×10^7