Supplementary materials

Toxicological evaluation of SVOCs in exhaust emissions from light-duty vehicles using different fuel alternatives in sub-freezing conditions

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Table A1. The sampling flow of SVOCs.

	DI-E2 (Scudo) Sampling flow (L/min)	E10-E6 Sampling flow (L/min)	E85-E6 Sampling flow (L/min)	CNG-E6 Sampling flow (L/min)	DI-E6 Sampling flow (L/min)
SVOC Empore Ø 47 mm (back-up)	17.5	17.5	17.5	17.5	17.5
SVOC - Tenax tubes	0.12	0.07	0.09	0.08	0.10

Table A2. Detection limits of compounds in SVOCs.

Items	Detection limit at 1-second intervals (ppm)
Carbon monoxide, CO	7
Carbon dioxide CO_2	600
Nitric oxide, NO	13
Nitrogen dioxide, NO_2	2
Methane, CH4	2

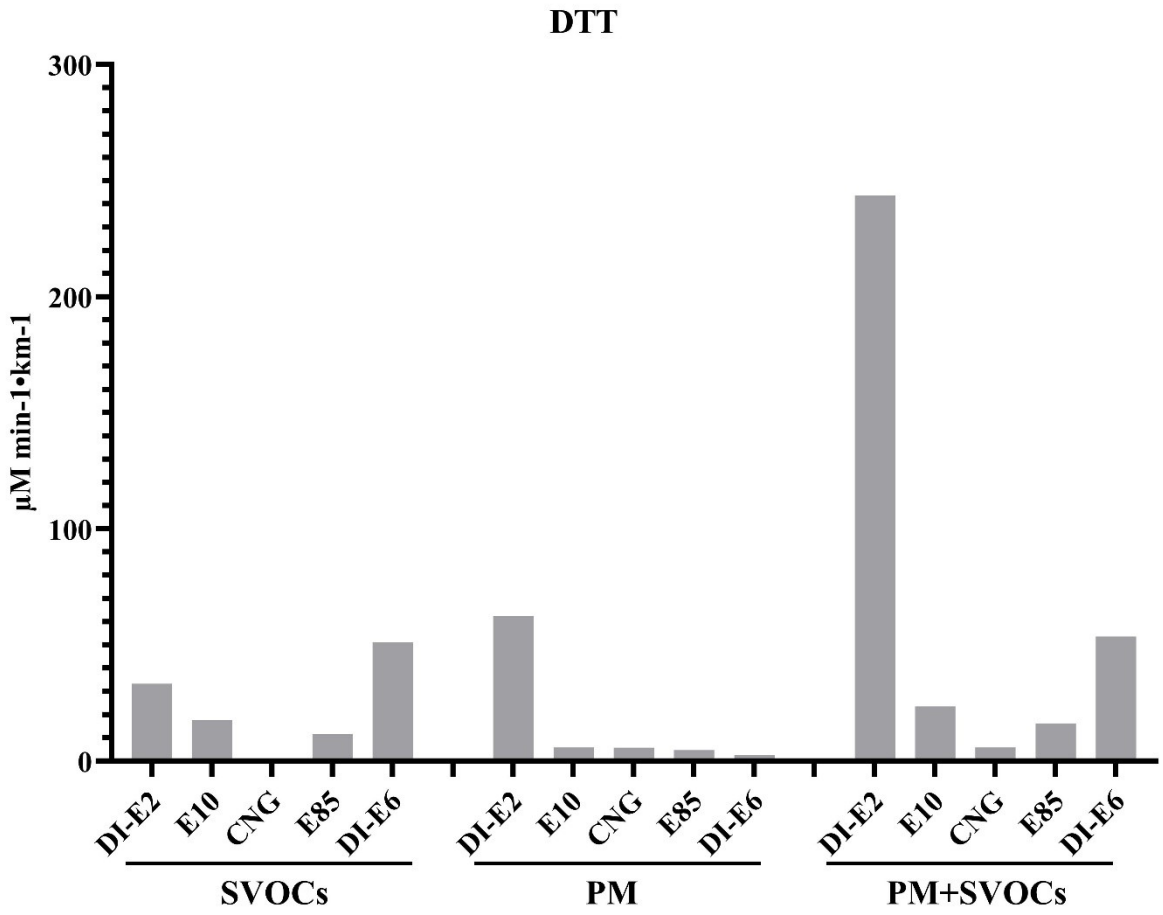

Figure A1 Oxidative potential of SVOCs measured with DTT assay from one Euro 2 and four Euro 6 engines.