

Retention time	Compound name	CAS#	LOD (µg/L) S/N=3	LOQ (µg/L) S/N=10
8.77	$\alpha$ -Pinene	80-56-8	5.4	17.9
9.16	Camphene	79-92-5	4.5	14.8
9.90	$\alpha$ -Sabinene	3387-41-5	5.2	17.4
10.02	$\beta$ -Pinene	127-91-3	2.5	8.5
11.06	3-Hexen-1-ol, acetate, (Z)-	3681-71-8	0.6	2.1
11.91	Limonene	138-86-3	2.0	6.7
12.32	<i>trans</i> - $\beta$ -ocimene	3779-61-1	11.6	38.7
12.74	<i>cis</i> - $\beta$ -Ocimene	3338-55-4	3.3	11.1
13.17	$\gamma$ -Terpinene	99-85-4	1.8	6.1
14.45	$\alpha$ -Terpinolene	586-62-9	1.4	4.7
14.95	Linalool	78-70-6	6.8	22.6
18.99	Methyl salicylate	119-36-8	0.8	2.6
26.16	Longicyclene	1137-12-8	0.6	2.0
28.05	$\beta$ -Caryophyllene	87-44-5	0.7	2.2
29.30	Humulene	6753-98-6	0.6	1.9
30.81	Valencene	4630-07-3	0.5	1.6
31.31	$\alpha$ -Farnesene	502-61-4	10.7	35.7

**Supplementary Table S2.** Parameters of the VOC calibration standards.