

Supplementary Data

Table S11. Identified VOCs released from the solid dye powder

Chemical	CAS No.	Mass ratio in vial air (%)
2-tert-Butylcyclohexanol	13491-79-7	82.08
4-tert-Butylcyclohexyl acetate	32210-23-4	10.75
Citronellol	106-22-9	7.04
1-Methoxy-2-propanol	107-98-2	0.11
Toluene	108-88-3	0.03

Table S12. Identified VOCs released from the liquid concentrated fabric softener

Chemical	CAS No.	Mass ratio in vial air (%)
Acetic acid, hexyl ester	142-92-7	32.00
d-Limonene	5989-27-5	22.62
Butanoic acid, 2-methyl-, ethyl ester	7452-79-1	10.63
1-Hexanol	111-27-3	8.63
2-Propanol	67-63-0	6.57
Linalool	78-70-6	5.98
Linalyl propionate	144-39-8	2.18
Benzyl alcohol	100-51-6	1.42
3,7-Dimethyl-1,6-octadiene	10281-56-8	1.38
3-Octanol, 3,7-dimethyl	78-69-3	1.13
Acetic acid, phenylmethyl ester	140-11-4	1.08
Benzeneethanol	60-12-8	1.05
2,6-Dimethyl-1,7-octadiene	6874-35-7	0.75
α -Terpinolene	586-62-9	0.70
Eucalyptol	470-82-6	0.60
Acetic acid, 1-methylethyl ester	108-21-4	0.51
β -myrcene	123-35-3	0.43
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	0.36
Linalool-3,7-oxide	7392-19-0	0.35
2-Ethylhexanol	104-76-7	0.34
Decane	124-18-5	0.30
Octanal	124-13-0	0.28
Acetic acid, 2-ethylbutyl ester	10031-87-5	0.19
Nonanal	124-19-6	0.19
9-Octadecenoic acid (Z)-, hexyl ester	20290-84-0	0.10
2-Methyl-nonane	871-83-0	0.09
Butanoic acid, 2-methyl-, propyl ester	37064-20-3	0.05
2-Hexanol, acetate	5953-49-1	0.05
4-Methyl-2-pentyl acetate	108-84-9	0.03
1-Butanol, 2-ethyl-	97-95-0	0.03
Pentanoic acid, 2-methyl-, ethyl ester	39255-32-8	0.01