

4. Results

Table 4. 24h & 48h chamber conc. & emission factors

Parameter	CAS Number	Chamber concentration ($\mu\text{g}/\text{m}^3$)		Emission factor ($\mu\text{g}/\text{m}^2\text{h}$)	
		24h	48h	24h	48h
TVOC	--	136	119	286	250
Formaldehyde	50-00-0	7	n.d.	15	--

Table 5. 96-h chamber concentrations and emission factors of all target VOCs and most abundant - Only detected compounds have been listed.

Compound Name	CAS Number	Chamber concentration ($\mu\text{g}/\text{m}^3$)	Emission factor ($\mu\text{g}/\text{m}^2\text{h}$)	Remark ¹
acetic acid	64-19-7	35	74	--
2-ethyl-1-hexanol	104-76-7	2	4	--
2-hydroxybiphenyl	90-43-7	3	6	C
Dipropylene glycol monoethyl ether 1	20324-32-7	10	21	--
Dipropylene glycol monoethyl ether 2	20324-32-7	9	19	--
Dipropylene glycol monoethyl ether 3	13429-07-7	12	25	--
2-butoxyethanol	111-76-2	4	8	--
n-hexanal	66-25-1	3	6	--
1-hydroxycyclohexyl phenyl ketone	947-19-3	9	19	--
TVOC	--	105	221	--

¹ **CRELs** – Chronic Reference Exposure Levels: this substance has a CREL value.
Refer to <http://www.oehha.ca.gov/air/allrels.html>.

C – Safe Drinking Water and Toxic Enforcement Act of 1986: classified as known or probable human carcinogens and reproductive/ developmental toxins.
Refer to http://www.oehha.ca.gov/prop65/prop65_list/newlist.html.

TACs – Toxic Air Contaminants: classified as Hazardous Air Pollutants plus additional compounds.
Refer to <http://www.arb.ca.gov/toxics/id/taclist.htm>.