



1	Formaldehyde-2,4-DNPH	2	Acetaldehyde-2,4-DNPH	3	Acrolein-2,4-DNPH
	3 ppm		3 ppm		3 ppm
4	Acetone-2,4-DNPH	5	Propionaldehyde-2,4-DNPH	6	Crotonaldehyde-2,4-DNPH
	3 ppm		3 ppm		3 ppm
7	Methacrolein-2,4-DNPH	8	2-Butanone-2,4-DNPH	9	Butyraldehyde-2,4-DNPH
	3 ppm		3 ppm		3 ppm
10	Benzaldehyde-2,4-DNPH	11	Valeraldehyde-2,4-DNPH	12	<i>m</i> -Tolualdehyde-2,4-DNPH
	3 ppm		3 ppm		3 ppm
13	Hexaldehyde-2,4-DNPH				
	3 ppm				

HPLC Conditions

Column CAPCELL PAK C18 MG S5 : 1.5 mm i.d.×250 mm

Mobile phase (A) H₂O
 (B) CH₃CN
 B 60%(0min) - 60% (7min) - 100% (20min) Gradient

Flow rate	200 $\mu\text{L}/\text{min}$
Temperature	40 $^{\circ}\text{C}$
Detect	UV 360 nm
Inj. vol.	1.0 μL