

2-methylbutan-2-ol

1,2,4-trimethylbenzene

3-methylcyclopentanol

(i)

(j)

1-bromo-3-nitrobenzene

4-chloro-4-methylhexan-1-ol

Organic Chemistry Set 24: Organic Compounds

Set 24: Organic compounds

- propan-2-ol 1. (a) (b)
 - 2-methylbutan-1-ol (c) propan-1-amine
 - (d) 5-methylhexan-3-ol
 - 5-chloro-4-ethylheptan-2-amine (e)
- CH₃CH₂CH₂CH₂CH₂OH 2. (a)
 - (b) CH₃CH₂NH₂ HOCH₂CHCH₂OH (c)
 - ОН CH2CH2CH2OH (d)
 - (e)
- 3. (a) methanal

4.

- (b) pentan-2-one
- (c) propanal
- 2-chloro-4-methylhexanal (d)
- (e) butanone (butan-2-one)

(f) CH₃CH₂CHCH₂CH₂NH₂ ĊH₂CH₃

(f)

(g)

(h)

(i)

(j)

- (g) CH₃CH₂CCH₂CH₂CH₂OH
- Cl CH₃ CH₂CHCHCHCH₃ CH₃ NH₂
 - (f) 2,5-dimethylhexan-3-one
 - butanoic acid (g)
 - (h) 3-chloropropanoic acid
 - sodium propanoate (i) methyl ethanoate (j)

- (a)
 - CH₃C CH₃ (b)
 - (c)
 - (d)

OCH₂CH₂CH₃

 NO_2

 NO_2

- (j)

5. CH₃CH₂CH₂CH₂OH

Butan-1-ol

CH₃CH₂CHCH₃

Butan-2-ol

2-methylbutan-2-ol

CH₃CHCH₂OH

2-methylpropan-1-ol

butanoic acid

Any two of: CH₃CH₂(OCH₃

methyl propanoate

ethyl ethanoate



Organic Chemistry Set 24: Organic Compounds

