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abhexone⇒5-ETHYL-3-HYDROXY-4-METHYL-2(5H)-FURANONE

acetaldehyde⇒ETHANAL

acetamide⇒ETHANAMIDE

ACETANILIDE

Laffort (1968a) 270

ACETIC ACID

Passy (1893b,1893c)	d	5 - 10
Grijns (1906)		49 - 76
Backman (1917)	r	4.8 - 5.0
Grijns (1919)		2
Mitsumoto (1926)	r	0.074 - 0.57
Hesse (1926)	r	0.6
Henning (1927)	d	3.6
Morimura (1934)	r	1.82 - 1.91
Jung (1936)	d	0.025
Jung (1936)	r	0.05
Balavoine (1943,1948)		300 - 500
Stone (1963c)	d	3.9
Stone & Bosley (1965)	d	4.2
Endo <i>et al.</i> (1967)		6.5
Takhirov (1969,1974)		0.60
Leonardos <i>et al.</i> (1969)	r	2.5
Homans <i>et al.</i> (1978)		0.37
Nauš (1982)	d	0.5
Nauš (1982)	r	25
Punter (1983)	d	0.09
Homans (1984)		0.93
Walker <i>et al.</i> (1990)		5.0
Blank & Schieberle (1993)		0.03 - 0.09
Walker <i>et al.</i> (1996)		0.25 - 2.5
Cometto-Muñiz <i>et al.</i> (1998a); Cometto-Muñiz (1999)	d	0.025

ACETIC ANHYDRIDE

Takhirov (1969)		0.49
Hellman & Small (1973,1974)	d	< 0.6
Hellman & Small (1973,1974)	r	1.5

acetone⇒PROPANONE

acetonitrile⇒METHYL CYANIDE

ACETOPHENONE

Imasheva (1963)		0.01
Tkach (1965)		0.01
Korneev (1965)		0.01
Gavaudan & Poussel (1966)		0.23
Hellman & Small (1973,1974)	d	1.5
Hellman & Small (1973,1974)	r	2.9
Sävenhed <i>et al.</i> (1985)	d	0.01 - 0.04
Randebroek (1986)		0.0012

acetyl chloride⇒ETHANOYL CHLORIDE

2-acetyl-3,4-dihydro-2H-azole⇒2-ACETYL-1-PYRROLINE

5-ACETYL-2,3-DIHYDRO-1,4-THIAZINE

Hofmann & Schieberle (1995,1997);

Hofmann *et al.* (1995) 0.000 02 - 0.000 08

acetylene⇒ETHYNE

acetylene tetrabromide⇒ 1,1,2,2-TETRABROMOETHANE

7-ACETYL-1,1,3,4,4,6-HEXAMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE (fixolide)

McGee *et al.* (1995) d 0.000 5 - 0.005

7-ACETYL-1,1,3,4,4,6-HEXAMETHYLTETRALIN (tonalid)

Traynor (2001) 0.222

1-ACETYL-4-METHYLBENZENE (methyl acetophenone)

Appell (1969) 0.000 15

Schieberle *et al.* (1988); Schieberle

& Grosch (1988); Blank *et al.* (1989) 0.002 - 0.0108

ACETYLPYRAZINE

Hofmann *et al.* (1995);

Hofmann & Schieberle (1997) 0.000 4

2-ACETYLPYRROLE

Hofmann & Schieberle (1997) > 2

2-ACETYL-1-PYRROLINE (2-acetyl-3,4-dihydro-2H-azole)

Blank *et al.* (1989); Schieberle (1990,1991);

Schieberle & Grosch (1991,1994); Hofmann

et al. (1995); Hofmann & Schieberle (1997) 0.000 02 - 0.000 04

6-ACETYL-TETRAHYDROPYRIDINE

Schieberle (1990); Schieberle & Grosch (1991);

Hofmann *et al.* (1995);

Hofmann & Schieberle (1997) 0.000 06

2-ACETYL-2,3,8,8-TETRAMETHYL-1,2,3,4,5,6,7,8-OCTAHYDRONAPHTHALENE (cyclemone)

Neuner-Jehle & Etzweiler (1991) 0.000 003

2-ACETYLTIAZOLE

Hofmann *et al.* (1995);

Hofmann & Schieberle (1997) 0.004 - 0.0041

2-ACETYL-2-THIAZOLINE

Hofmann & Schieberle (1995,1997);

Hofmann *et al.* (1995) 0.000 02 - 0.000 08

acrolein⇒2-PROPENAL

acrylic acid⇒PROPENOIC ACID

acrylonitrile⇒VINYL CYANIDE

active amyl acetate⇒2-METHYLBUTYL ACETATE

active amyl alcohol⇒2-METHYL-1-BUTANOL

1-adamantanaldehyde⇒TRICYCLO[3.3.1.1(3.7)]DECANE-1-CARBOXALDEHYDE

adamsite⇒(CHLOROARSINE)DIPHENYLAMINE

aldehyde C16⇒ETHYL 3-METHYL-3-PHENYL-2,3-EPOXYPROPANOATE

allyl alcohol⇒2-PROPEN-1-OL

allylamine⇒2-PROPENYLAMINE

allyl caproate⇒2-PROPENYL HEXANOATE

allyl chloride⇒3-CHLOROPROPENE

AIR detection (d) and recognition (r) odour threshold values in mg/m³

1-ALLYL-2,5-DIMETHOXY-3,4-METHYLENEDIOXYBENZENE (apiol)

Tempelaar (1913); Zwaardemaker (1927) d 610

allyl mercaptan⇒2-PROPENE-1-THIOL

1-ALLYL-4-METHOXYBENZENE

Williams *et al.* (1977) d 0.000 13

5-ALLYL-1-METHOXY-2,3-METHYLENEDIOXYBENZENE (myristicin)

Blank & Grosch (1991a) 0.0015

4-ALLYL-2-METHOXYPHENOL (eugenol)

Tempelaar (1913); Zwaardemaker (1927) d 0.2 - 0.23

Ohma (1922) d 0.23

Van Anrooij (1931) d 0.2

Baldus (1936) d 0.005 - 0.0055

Baldus (1936) r 0.007 - 0.01

Jones (1955c) r 3.8

Appell (1969) 0.000 008

Huber (1984) 0.000 076

Randebroek (1986) 0.000 022

De Wijk (1989) 0.11

Blank *et al.* (1989) 0.000 2 - 0.000 3

Ferreira *et al.* (1998) 0.000 61

4-ALLYL-1,2-(METHYLENEDIOXY)BENZENE (safrole)

Tempelaar (1913); Zwaardemaker (1927) d 0.1 - 2

Ohma (1922) d 0.125

Van Anrooij (1931) d 0.000 35

Baldus (1936) d 0.005

Baldus (1936) r 0.01

Jones (1955a) r 0.08

Jones (1955b) r 0.08 - 4.8

Jones (1955c) r 3.0

Appell (1969) 0.000 07

Köster (1971) d 16 - 30

allyl mustard oil⇒2-PROPENYL ISOTHIOCYANATE

ambretone⇒5-CYCLOHEXADECEN-1-ONE

ambrettolide⇒16-HYDROXY-7-HEXADECENOIC ACID LACTONE

2-AMINOETHANOL (ethanolamine)

Weeks *et al.* (1960) d 6.5

Weeks *et al.* (1960) r 60

6-AMINOHEXANOIC ACID LACTAM (caprolactam)

Krichevskaya (1968) d 0.30

1-AMINONAPHTHALENE (1-naphthylamine)

Backman (1917) r 0.14 - 0.29

2-AMINONAPHTHALENE (2-naphthylamine)

Backman (1917) r 1.4 - 1.9

AMMONIA

Valentin (1848,1850) 21

Grijns (1906) 21.6 - 42

Fieldner <i>et al.</i> (1921)		37
Smolczyk & Cobler (1930)		0.71 - 7.1
Geier (1936)	d	1.25
Geier (1936)	r	2.5
Carpenter <i>et al.</i> (1948)		0.7
Smyth (1956)	r	< 0.7
Patty (1962a)		< 3.5
Saifutdinov (1966)		0.50 - 0.55
Endo <i>et al.</i> (1967)		37
Leonardos <i>et al.</i> (1969)	r	33
Hamanabe <i>et al.</i> (1969)		0.03
Stephens (1971)		2.7
Nishida <i>et al.</i> (1975)	d	1.8 - 37.8
Hill & Barth (1976)		21
Schoedder (1977)		5.0 - 7.6
Logtenberg (1978)	d	5.2
Nishida <i>et al.</i> (1979)	d	11.6
Anon. (1980)	d	0.1
Anon. (1980)	r	0.4
Nauš (1982)	d	1.5
Nauš (1982)	r	35

amyl acetate⇒PENTYL ACETATE
 amyl alcohol⇒1-PENTANOL
 tert-amyl alcohol⇒2-METHYL-2-BUTANOL
 amyl butyrate⇒PENTYL BUTANOATE
 amyl isovalerate⇒PENTYL 3-METHYLBUTANOATE
 amyl mercaptan⇒1-PENTANETHIOL
 tert-amyl mercaptan⇒2-METHYL-2-BUTANETHIOL
 amyl propionate⇒PENTYL PROPANOATE
 amyl salicylate⇒PENTYL SALICYLATE

5 α -ANDROST-16-EN-3 α -OL
 Bajgrowicz & Fráter (2000) 0.000 02

5 α -ANDROST-16-EN-3-ONE
 Amoores (1977) d 0.0021
 Baydar *et al.* (1992a,1993) d 0.000 000 868

anethole⇒1-METHOXY-4-(1-PROPENYL)BENZENE

ANILINE
 Tempelaar (1913) d 0.97
 Huijjer (1917); Zwaardemaker (1927) d 46
 Backman (1917) r 5.0 - 5.8
 Geier (1936) d 1.2 - 1.5
 Geier (1936) r 2.0 - 2.5
 Jacobson *et al.* (1958) 38
 Tkachev (1963) 0.37
 Leonardos *et al.* (1969) r 3.8
 Öztürk (1976) d 2.21
 Nauš (1982) d 2
 Nauš (1982) r 20

anisaldehyde⇒4-METHOXYBENZALDEHYDE
 anisole⇒METHOXYBENZENE
 apiole⇒1-ALLYL-2,5-DIMETHOXY-3,4-METHYLENEDIOXYBENZENE

ARSINE