



AIR
ANALYTIK

LEISTUNGSVERZEICHNIS 2017

Anlage 2:

Parameterlisten

Innenraum

Aldehyde und Ketone 53050 53060 53075	Formaldehyd, Acetaldehyd, Aceton, Acrolein, Propionaldehyd, Benzaldehyd, Furfural, Summe Butryaldehyd (als Summe: n-Butryaldehyd + Isobutyraldehyd (Methylpropanal)), Methacrolein (Isobutenal), Butenal (Crotonaldehyd), 2-Butanon (Methylpropanon), 3-Methylbutanal (Isovaleraldehyd), n-Pentanal (Valeraldehyd), n-Hexanal (Capronaldehyd), p-Tolualdehyd, n-Heptanal (Önantaldehyd), 2-Ethylhexanal, n-Oktanal (Caprylaldehyd), n-Nonanal (Pelargonaldehyd), n-Decanal (Caprinaldehyd), n-Undecanal, Cyclohexanon
Holzschutzmittel 53080 53090	Holzschutzmittel Lindan, PCP und weitere chlororganische Verbindungen: α -Endosulfan, β -Endosulfan, α -HCH, β -HCH, δ -HCH, ϵ -HCH, Aldrin, cis-Heptachlorepid, Dichlofluanid, Dieldrin, Endrin, Heptachlor, Hexachlorbenzol, Lindan, Methoxychlor, Mirex, o,p-DDD, o,p-DDE, o,p-DDT, p,p-DDD, p,p-DDE, p,p-DDT, trans-Heptachlorepid
Glykole / Alkohole 53213	Ethanol, 2-Methoxyethanol (EGME), Diethylenglykol-methylether (DEGME), Diethylenglykoldimethylether (DEGDME), 2-Ethoxyethanol (EGEE), Ethylenglykol-monoethylether-acetat (EGEEA), Diethylenglykol-monoethylether (DEGEE), 2-Butoxyethanol (EGBE), Ethylenglykol-butyletheracetat (EGBEA), 2-(2-Butoxyethoxy)-ethylethanol (DEGBE), Ethylen-glykolhexylether (EGHE), 1-Methoxy-2-propanol (2PG1ME), Dipropylenglykol-1-methylether (D2PGME), 2-Propylenglykol-1-ethylether (2PG1EE), 2-Propylenglykol-1-tertbutylether (2PG1tBE), 2-Phenoxyethanol, Benzylalkohol
Phenole / Kresole 53215	Phenol; 2-Methylphenol; 3-Methylphenol; 4-Methylphenol; 2,3-Dimethylphenol; 2,4-Dimethylphenol; 2,5-Dimethylphenol; 2,6-Dimethylphenol; 3,4-Dimethylphenol; 3,5-Dimethylphenol; 2,4,6-Trimethylphenol; 2,3,5-Trimethylphenol; 2,3,6-Trimethylphenol; 3,4,5-Trimethylphenol
VOC Aktivkohle 53210 (ca. 95 Substanzen)	Ethanol, 2-Propanol, Methyl-ethyl-keton, Isobutanol (2-Methyl-1-propanol), Ethylacetat, Chloroform, n-Butanol, Toluol, 1,1,1-Trichlorethan, Tetrachlormethan, Trichloroethen, Isoamyl-alkohol, Isobutylacetat, Benzol, n-Butyl-acetat, Tetrachlorethen, Ethylbenzol, m / p-Xylol, Styrol, o-Xylol, Cumol, alpha-Pinen, n-Propylbenzol, 3-Ethyltoluol, 4-Ethyltoluol, 1,3,5-Trimethylbenzol, Methylcyclopentan, 2-Ethyltoluol, n-Hexan, 1,2,4,-Trimethylbenzol, 2-Ethylhexanol, alpha-Terpinen, 1,4-Dichlorbenzol, Limonen, 1,2,3-Trimethylbenzol, Naphthalin, Aceton, 2-Methylpentan, 2-Methylhexan, Cyclohexan, 2-Pentanon, Isooctan, n-Heptan, Methylcyclohexan, n-Octan, Methoxypropylacetat, n-Nonan, Benzaldehyd, n-Decan, beta-Pinen, n-Butylbenzol, delta-3-Caren, n-Undecan, n-Dodecan, Tridecan, Tetradecan, Pentadecan, Hexadecan, Heptadecan, 3-Methylpentan, Butanal, THF, 1,2-Dichlorethan, Isopropylacetat, Pentanal, 1,2-Dichlorpropan, MIBK, 1-Decen, 1,1,2-Trichlorethan, 1-Octen, Hexanal, 1,2-Dibromethan, Chlorbenzol, Cyclohexanon, Diethylphthalat, 2-Ethoxyethylacetat, 2-Pentylfuran, Triisobutylen, Nonanal**, 1,3-Dichlorbenzol, 1,2-Dichlorbenzol, Acetophenon, Octadecan, 1,2,3,5-Tetramethylbenzol, 1,2,4,5-Tetramethylbenzol, 1,2,3,4-Tetramethylbenzol, Eicosan, 4-Phenylcyclohexen, Texanol, Nonadecan, 2-Chlornaphthalin, Dimethylphthalat, 1-Chlornaphthalin, Longifolen, alphaCaryophyllen = Humulen, TXIB

VOC TENAX 53217 (ca. 150 Substanzen)	Ethanol, 2-Propanol, Methyl-ethyl-keton, Isobutanol (2-Methyl-1-propanol), n-Butanol, 2-Butanol, 1-Hexanol, 1-Nonanol, Ethylacetat, Chloroform, 1,1,1-Trichlorethan, Tetrachlormethan, Trichloroethen, Isoamyl-alkohol, Isobutylacetat, Benzol, Toluol, n-Butylacetat, Tetrachlorethen, Ethylbenzol, m / p-Xylol, Styrol, o-Xylol, Cumol, alpha-Pinen, n-Propylbenzol, 3-Ethyltoluol, 4-Ethyltoluol, 1,3,5-Trimethylbenzol, 2-Ethyltoluol, Methylcyclopentan, 1,2,4,-Trimethylbenzol, 2-Ethylhexanol, alpha-Terpinen, Limonen, 1,4-Dichlorbenzol, 1,2,3-Trimethylbenzol, Naphthalin, Aceton, 2-Methylhexan, Cyclohexan, 2-Pentanon, Isooctan, n-Heptan, Methylcyclohexan, n-Octan, MIBK, Decanal, Methoxypropylacetat, n-Nonan, Benzaldehyd, n-Decan, beta-Pinen, n-Butylbenzol, delta-3-Caren, n-Undecan, n-Dodecan, Tridecan, Tetradecan, Pentadecan, Hexadecan, Heptadecan, 3-Methylpentan, Butanal, THF, 1,2-Dichlorethan, Isopropylacetat, Pentanal, Hexanal, Eicosan, 1,2-Dichlorpropan, 1,1,2-Trichlorethan, 1-Octen, Heptanal, Oktanal, Undecanal, Texanol, 1,2-Dibromethan, Chlorbenzol, Nonadecan, Octadecan, 2-Ethoxyethylacetat, Cyclohexanon, 1-Decen, 2-Pentylfuran, Triisobutylen, 1,3-Dichlorbenzol, 1,2-Dichlorbenzol, Acetophenon, Nonanal, 1,2,3,5-Tetramethylbenzol, 1,2,4,5-Tetramethylbenzol, Butoxyethoxyethanol, 1,2,3,4-Tetramethylbenzol, 4-Phenylcyclohexen, Dimethylphthalat, 2-Chlornaphthalin, 1-Chlornaphthalin, Longifolen, alpha-Caryophyllen = Humulen, TXIB, Diethylphthalat, 2-Methoxyethanol (EGME), Diethylenglykol-methylether (DEGME), Diethylenglykoldimethylether (DEGDME), 2-Ethoxyethanol (EGEE), Ethylenglykol-monoethylether-acetat (EGEEA), Diethylenglykol-monoethylether (DEGEE), 2-Butoxyethanol (EGBE), Ethylenglykol-butyletheracetat (EGBEA), 2-(2-Butoxyethoxy)-ethylethanol (DEGBE), Ethylen-glykolhexylether (EGHE), 1-Methoxy-2-propanol (2PG1ME), Dipropylenglykol-1-methylether (D2PGME), 2-Propylenglykol-1-ethylether (2PG1EE), 2-Propylenglykol-1-tertbutylether (2PG1tBE), 2-Phenoxyethanol, Benzylalkohol, Phenol, 2-Methylphenol, 3-Methylphenol, p-Cymol, Indan, 2,2,4,6,6-Pentamethylheptan, 2,2,4,4,6,8,8,-Heptamethylnonan, 1-Dodecen, 2-Butanonoxim, 4-Vinyl-1-cyclohexen, 1,4-Dioxan, 1,2-Propylenglykol, Benzothiazol, Campher, Camphen, Eucalyptol, beta-Linalool, Menthol, beta-Citronellol, 2-Hexanon, Methylacetat, Methylacrylat, Methylmethacrylat, Isophoron, Essigsäure, Propansäure, Buttersäure, Hexansäure, n-Methyl-2pyrrolidon, Hexamethylcyclotrisiloxan, Octamethylcyclotetrasiloxan, Decamethylcyclopentasiloxan, Dodecamethylcyclohexasiloxan (D3, D4, D5, D6)
MVOC TENAX 53220	Bei Bedarf: Isothioazolinone: CMIT und MIT, (nicht möglich: BIT) 3-Methylfuran, 2-Pentanol, 3-Methyl-1-Butanol, Dimethyldisulfid, 2-Hexanon, 2-Heptanon, 1-Octen-3-ol, 3-Octanon, 2-Octanon, 2-Methylfuran, 3-Methyl-2-Butanol, 2-Methyl-1-butanol, Dimethylsulfid, Dimethylsulfoxid, 2-Pentylfuran, Isobutanol, 1-Butanol

Hausstaub- / Materialuntersuchung GC-MS / MS 53260 53270	PAK Acenaphthylen, Acenaphthen, Fluoren, Phenanthren, Anthracen, Fluoranthren, Pyren, Benzanthracen, Chrysen, Benzo(b)fluoranthren, Benzo(k)fluoranthren, Benz(a)pyren, Dibenz(a,h)anthracen, Benzo(g,h,i)perylene, Indeno(1,2,3-c,d)pyren PCB nach Ballschmiter PCB 28, PCB 52, PCB 101, PCB 138, PCB 153, PCB180 DDT und Metabolite o, p DDT, p,p DDT, o,p DDD, p,p DDD, o,p DDE, p,p DDE Pyrethroide Allethrin, Deltamethrin, Tetramethrin, Cypermethrin, Cyfluthrin, cis-, trans-Permethrin, lambda-Cyhalothrin Pestizide 2,3,4,5-Tetrachlorphenol, 2,3,5,6-Tetrachlorphenol; Hexachlorbenzol; alpha-HCH, beta-HCH, Lindan, gamma-HCH, Pentachlorphenol, epsilon-HCH, delta-HCH, 2,5 / 2,4-Dichlorphenol, Chlorothalonil, Heptachlor, Dichlofluanid, Tolyfluanid, Aldrin, Chlorpyrifos, cis-Heptachlorepoxyd, trans-Heptachlorepoxyd, cis-Chlordan, trans-Chlordan, alpha-, beta-Endosulfan, Endrin, Dieldrin, Mirex, Methoxychlor Flammschutzmittel Tributylphosphat (TBP), Tris(2-Chlor-Isopropyl)-phosphat (TCpP), Tris(2-Chlor-Ethyl)phosphat (TCEP), Tris(2-Ethyl-Hexyl)phosphat (TEHP), Tris(2-Butoxy-Ethyl)phosphat (TBEP), Triphenylphosphat (TPP) Weichmacher (Phthalate und Adipate) Dimethylphthalat (DMP), Diethylphthalat (DEP), Dipropylphthalat, Diisobutylphthalat (DiBP), Dibutylphthalat (DBP), Benzylbutylphthalat (BBP), Di-n-octylphthalat (DOP), Diethylhexylphthalat (DEHP), Diisononylphthalat, Diisodecylphthalat, Dioctyladipat
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