

Species	MDL <sup>a</sup>	Period I		Period II		Period III	
		Range	Mean (95 % C.I.)	Range	Mean (95 % C.I.)	Range	Mean (95 % C.I.)
Ethane	39	1172–7855	3254 (743)	910–5511	2442 (491)	1082–12 714	3674 (465)
Propane	31	427–6145	2880 (720)	270–4138	1296 (384)	598–7604	2479 (329)
<i>i</i> -Butane	14	53–2755	1121 (312)	59–1400	474 (187)	106–2741	754 (129)
<i>n</i> -Butane	21	158–2947	1283 (302)	83–1735	562 (196)	174–3047	841 (136)
<i>i</i> -Pentane	14	94–3729	1425 (354)	39–1388	561 (167)	72–12 590	1018 (279)
<i>n</i> -Pentane	8	47–1697	615 (182)	30–910	247 (106)	26–4808	456 (112)
2,2-Dimethylbutane	14	15–68	30 (6)	17–32	24 (3)	BDL <sup>b</sup> -75	26 (2)
Cyclopentane	12	13–135	64 (15)	BDL–64	35 (7)	13–274	50 (8)
2,3-Dimethylbutane	12	13–140	45 (15)	22–51	32 (4)	13–235	38 (6)
2-Methylpentane	8	13–679	171 (68)	12–257	77 (31)	9–1077	124 (27)
3-Methylpentane	7	12–548	150 (54)	14–220	68 (26)	16–792	104 (20)
<i>n</i> -Hexane	6	115–1033	505 (97)	102–921	324 (89)	108–7393	1400 (257)
Methylcyclopentane	9	10–283	100 (30)	13–195	59 (23)	BDL–535	88 (17)
2,4-Dimethylpentane	4	BDL–43	15 (5)	BDL–15	10 (2)	BDL–90	16 (2)
Cyclohexane	6	10–458	167 (51)	10–107	43 (14)	7–646	76 (17)
2-Methylhexane	6	10–304	68 (27)	7–56	22 (6)	7–318	51 (10)
2,3-Dimethylpentane	9	BDL–139	31 (12)	BDL–24	15 (2)	BDL–102	28 (3)
3-Methylhexane	6	12–436	93 (38)	8–97	41 (11)	9–367	70 (12)
2,2,4-Trimethylpentane	9	12–126	44 (12)	BDL–41	25 (4)	BDL–127	38 (5)
<i>n</i> -Heptane	10	12–358	89 (33)	12–71	30 (8)	13–441	82 (14)
Methylcyclohexane	5	BDL–162	51 (17)	BDL–66	21 (7)	BDL–162	44 (8)
2,3,4-Trimethylpentane	6	BDL–38	14 (4)	BDL–12	9 (1)	BDL–59	16 (2)
2-Methylheptane	4	8–175	31 (16)	BDL–31	13 (3)	BDL–91	22 (3)
3-Methylheptane	5	BDL–231	26 (20)	BDL–15	8 (1)	BDL–74	17 (2)
<i>n</i> -Octane	6	8–104	42 (11)	BDL–31	18 (3)	BDL–160	40 (6)
<i>n</i> -Nonane	6	9–99	40 (11)	BDL–37	18 (4)	BDL–171	38 (6)
<i>n</i> -Decane	6	14–777	129 (74)	8–110	36 (14)	BDL–600	73 (17)
<i>n</i> -Undecane	7	47–317	151 (35)	27–206	66 (20)	11–374	94 (12)
<i>n</i> -Dodecane	7	9–646	129 (57)	25–313	75 (30)	8–316	63 (9)
Ethylene	41	367–3495	1788 (391)	553–3572	1254 (352)	319–13 911	2313 (428)
Propene	31	117–1264	430 (118)	170–766	371 (67)	176–3222	820 (128)
1-Butene	17	19–161	107 (18)	BDL–100	55 (12)	19–581	137 (22)
1,3-Butadiene	20	21–403	154 (44)	23–234	79 (27)	BDL–2140	252 (74)
<i>trans</i> -2-Butene	5	BDL–41	18 (4)	BDL–35	12 (4)	BDL–425	39 (10)
<i>cis</i> -2-Butene	7	9–50	23 (4)	BDL–38	14 (5)	BDL–276	37 (7)
1-Pentene	20	BDL–47	33 (3)	21–25	23 (1)	BDL–127	52 (6)
Isoprene	13	BDL–623	163 (56)	16–143	62 (15)	17–765	200 (24)
<i>trans</i> -2-Pentene	10	BDL–37	17 (4)	BDL–19	15 (3)	BDL–65	23 (3)
<i>cis</i> -2-Pentene	6	BDL–24	11 (3)	BDL–9	8 (0)	BDL–46	15 (2)
2-Methyl-2-butene	12	13–50	21 (4)	17–20	18 (1)	BDL–61	24 (2)
Benzene	14	75–2695	868 (279)	43–1465	410 (179)	72–2916	795 (151)
Toluene	9	120–3585	1273 (419)	47–1186	343 (126)	62–3425	840 (146)
Ethylbenzene	6	25–2210	684 (240)	12–611	145 (67)	23–2450	317 (75)
<i>m/p</i> -Xylene	9	39–2106	765 (248)	16–620	149 (67)	25–3285	422 (91)
Styrene	8	15–578	167 (71)	BDL–99	32 (11)	10–1267	151 (38)
<i>o</i> -Xylene	4	11–965	334 (104)	9–284	71 (31)	15–1224	178 (36)
Isopropylbenzene	4	5–66	24 (7)	BDL–21	11 (2)	BDL–77	18 (3)
<i>n</i> -Propylbenzene	4	6–231	71 (27)	BDL–55	20 (7)	5–239	38 (8)
<i>m</i> -Ethyltoluene	3	13–593	136 (67)	4–91	28 (11)	4–854	85 (23)
<i>p</i> -Ethyltoluene	3	6–295	61 (29)	4–59	17 (6)	4–245	41 (9)
1,3,5-Trimethylbenzene	3	7–217	48 (21)	BDL–35	12 (4)	4–179	38 (6)
<i>o</i> -Ethyltoluene	3	5–246	64 (26)	4–58	17 (6)	5–230	40 (8)
1,2,4-Trimethylbenzene	6	22–984	220 (93)	13–219	58 (22)	8–803	127 (26)
1,2,3-Trimethylbenzene	5	12–442	82 (37)	BDL–92	24 (9)	6–300	56 (11)
1,3-Diethylbenzene	4	11–135	35 (12)	BDL–26	15 (3)	BDL–126	26 (4)
1,4-Diethylbenzene	4	14–461	80 (40)	5–69	23 (7)	BDL–292	51 (10)
1,2-Diethylbenzene	4	BDL–30	15 (4)	BDL–8	6 (1)	BDL–76	15 (2)
Ethyne	57	406–10 539	3128 (1043)	290–6260	1625 (615)	584–10 378	3008 (509)