

Appendix A

Proposed Amendments to the Tables of Maximum
Incremental Reactivity (MIR) Values, sections 94700 and
94701, title 17, California Code of Regulations

PROPOSED REGULATION ORDER

PROPOSED AMENDMENTS TO THE TABLES OF MAXIMUM INCREMENTAL REACTIVITY (MIR) VALUES

Amend sections 94700 and 94701, title 17, California Code of Regulations, to read as follows:

Notes:

- 1) The proposed amendments are shown in underline to indicate additions and ~~strikeout~~ to show deletions. The effective date of the New MIR Values will be 30 days after the amendments are approved by the Office of Administrative Law.
- 2) In general, the table with underlining for section 94700 includes the same compounds listed in the ~~strikeout~~ version, as well as several new compounds. The new table has been re-ordered to list compounds by chemical class. The 2001 MIR values for existing compounds were not changed. However, a few compounds listed in the old table were found to be listed erroneously.

SUBCHAPTER 8.6 Maximum Incremental Reactivity

Article 1. Tables of Maximum Incremental Reactivity (MIR) Values

§ 94700. MIR Values for Compounds.

<i>Organic Compound</i>	<i>MIR Value (July 18, 2001)</i>	<i><u>New MIR Value (Effective Date)</u></i>
Carbon Monoxide	0.06	<u>0.06</u>
Methane	0.01	<u>0.01</u>
Ethane	0.31	<u>0.31</u>
Propane	0.56	<u>0.56</u>
n-Butane	1.33	<u>1.33</u>
n-Pentane	1.54	<u>1.54</u>
n-Hexane	1.45	<u>1.45</u>
n-Heptane	1.28	<u>1.28</u>
n-Octane	1.11	<u>1.11</u>
n-Nonane	0.95	<u>0.95</u>
n-Decane	0.83	<u>0.83</u>
n-Undecane	0.74	<u>0.74</u>
n-Dodecane	0.66	<u>0.66</u>
n-Tridecane	0.62	<u>0.62</u>
n-Tetradecane	0.58	<u>0.58</u>
n-Pentadecane	0.56	<u>0.53</u>
n-C16	0.52	<u>0.52</u>
n-C17	0.49	<u>0.49</u>

n-C18	0.47	<u>0.44</u>
n-C19	0.44	<u>0.44</u>
n-C20	0.42	<u>0.42</u>
n-C24	0.40	<u>0.40</u>
n-C22	0.38	<u>0.38</u>
Isobutane	1.35	<u>1.35</u>
Isopentane	1.68	<u>1.68</u>
Neopentane	0.69	<u>0.69</u>
Branched C5 Alkanes	1.68	<u>1.68</u>
2,2-Dimethyl Butane	1.33	<u>1.33</u>
2,3-Dimethyl Butane	1.14	<u>1.14</u>
2-Methyl Pentane (Isohexane)	1.80	<u>1.80</u>
3-Methyl Pentane	2.07	<u>2.07</u>
Branched C6 Alkanes	1.53	<u>1.53</u>
2,2,3-Trimethyl Butane	1.32	<u>1.32</u>
2,2-Dimethyl Pentane	1.22	<u>1.22</u>
2,3-Dimethyl Pentane	1.55	<u>1.55</u>
2,4-Dimethyl Pentane	1.65	<u>1.65</u>
2-Methyl Hexane	1.37	<u>1.37</u>
3,3-Dimethyl Pentane	1.32	<u>1.32</u>
3-Methyl Hexane	1.86	<u>1.86</u>
Branched C7 Alkanes	1.63	<u>1.63</u>
2,2,3,3-Tetramethyl Butane	0.44	<u>0.44</u>
2,2,4-Trimethyl Pentane (Isooctane)	1.44	<u>1.44</u>
2,2-Dimethyl Hexane	1.13	<u>1.13</u>
2,3,4-Trimethyl Pentane	1.23	<u>1.23</u>
2,3-Dimethyl Hexane	1.34	<u>1.34</u>
2,4-Dimethyl Hexane	1.80	<u>1.80</u>
2,5-Dimethyl Hexane	1.68	<u>1.68</u>
2-Methyl Heptane	1.20	<u>1.20</u>
3-Methyl Heptane	1.35	<u>1.35</u>
4-Methyl Heptane	1.48	<u>1.48</u>
Branched C8 Alkanes	1.57	<u>1.57</u>
2,2,5-Trimethyl Hexane	1.33	<u>1.33</u>
2,3,5-Trimethyl Hexane	1.33	<u>1.33</u>
2,4-Dimethyl Heptane	1.48	<u>1.48</u>
2-Methyl Octane	0.96	<u>0.96</u>
3,3-Diethyl Pentane	1.35	<u>1.35</u>
3,5-Dimethyl Heptane	1.63	<u>1.63</u>
4-Ethyl Heptane	1.44	<u>1.44</u>
4-Methyl Octane	1.08	<u>1.08</u>
Branched C9 Alkanes	1.25	<u>1.25</u>
2,4-Dimethyl Octane	1.09	<u>1.09</u>
2,6-Dimethyl Octane	1.27	<u>1.27</u>
2-Methyl Nonane	0.86	<u>0.86</u>
3,4-Diethyl Hexane	1.20	<u>1.20</u>
3-Methyl Nonane	0.89	<u>0.89</u>
4-Methyl Nonane	0.99	<u>0.99</u>

4-Propyl Heptane	1.24	<u>1.24</u>
Branched C10 Alkanes	1.09	<u>1.09</u>
2,6-Dimethyl Nonane	0.95	<u>0.95</u>
3,5-Diethyl Heptane	1.21	<u>1.21</u>
3-Methyl Decane	0.77	<u>0.77</u>
4-Methyl Decane	0.80	<u>0.80</u>
Branched C11 Alkanes	0.87	<u>0.87</u>
2,3,4,6-Tetramethyl Heptane	1.26	<u>1.26</u>
2,6-Diethyl Octane	1.09	<u>1.09</u>
3,6-Dimethyl Decane	0.88	<u>0.88</u>
3-Methyl Undecane	0.70	<u>0.70</u>
5-Methyl Undecane	0.72	<u>0.72</u>
Branched C12 Alkanes	0.80	<u>0.80</u>
2,3,5,7-Tetramethyl Octane	1.06	<u>1.06</u>
3,6-Dimethyl Undecane	0.82	<u>0.82</u>
3,7-Diethyl Nonane	1.08	<u>1.08</u>
3-Methyl Dodecane	0.64	<u>0.64</u>
5-Methyl Dodecane	0.64	<u>0.64</u>
Branched C13 Alkanes	0.73	<u>0.73</u>
2,4,6,8-Tetramethyl Nonane	0.94	<u>0.94</u>
2,3,6-Trimethyl 4-Isopropyl Heptane	1.24	<u>1.24</u>
3,7-Dimethyl Dodecane	0.74	<u>0.74</u>
3,8-Diethyl Decane	0.68	<u>0.68</u>
3-Methyl Tridecane	0.57	<u>0.57</u>
6-Methyl Tridecane	0.62	<u>0.62</u>
Branched C14 Alkanes	0.67	<u>0.67</u>
2,4,5,6,8-Pentamethyl Nonane	1.11	<u>1.11</u>
2-Methyl 3,5-Diisopropyl Heptane	0.78	<u>0.78</u>
3,7-Dimethyl Tridecane	0.64	<u>0.64</u>
3,9-Diethyl Undecane	0.62	<u>0.62</u>
3-Methyl Tetradecane	0.53	<u>0.53</u>
6-Methyl Tetradecane	0.57	<u>0.57</u>
Branched C15 Alkanes	0.60	<u>0.60</u>
2,6,8-Trimethyl 4-Isopropyl Nonane	0.76	<u>0.76</u>
3-Methyl Pentadecane	0.50	<u>0.50</u>
4,8-Dimethyl Tetradecane	0.58	<u>0.55</u>
7-Methyl Pentadecane	0.51	<u>0.51</u>
Branched C16 Alkanes	0.54	<u>0.54</u>
2,7-Dimethyl 3,5-Diisopropyl Heptane	0.69	<u>0.69</u>
Branched C17 Alkanes	0.51	<u>0.51</u>
Branched C18 Alkanes	0.48	<u>0.48</u>
Cyclopropane	0.10	<u>0.10</u>
Cyclobutane	1.05	<u>1.05</u>
Cyclopentane	2.69	<u>2.69</u>
Cyclohexane	1.46	<u>1.46</u>
Isopropyl Cyclopropane	1.52	<u>1.52</u>
Methylcyclopentane	2.42	<u>2.42</u>
C6 Cycloalkanes	1.46	<u>1.46</u>

1,3-Dimethyl Cyclopentane	2.15	<u>2.15</u>
Cycloheptane	2.26	<u>2.26</u>
Ethyl Cyclopentane	2.27	<u>2.27</u>
Methylcyclohexane	1.99	<u>1.99</u>
C7 Cycloalkanes	1.99	<u>1.99</u>
C8 Bicycloalkanes*	<u>1.75</u>	<u>1.75</u>
1,3-Dimethyl Cyclohexane	1.72	<u>1.72</u>
Cyclooctane	1.73	<u>1.73</u>
Ethylcyclohexane	1.75	<u>1.75</u>
Propyl Cyclopentane	1.91	<u>1.91</u>
C8 Cycloalkanes	1.75	<u>1.75</u>
C9 Bicycloalkanes	1.57	<u>1.57</u>
1,1,3-Trimethyl Cyclohexane	1.37	<u>1.37</u>
1-Ethyl-4-Methyl Cyclohexane	1.62	<u>1.62</u>
Propyl Cyclohexane	1.47	<u>1.47</u>
C9 Cycloalkanes	1.55	<u>1.55</u>
C10 Bicycloalkanes	1.29	<u>1.29</u>
1,3-Diethyl Cyclohexane	1.34	<u>1.34</u>
1,4-Diethyl Cyclohexane	1.49	<u>1.49</u>
1-Methyl-3-Isopropyl Cyclohexane	1.26	<u>1.26</u>
Butyl Cyclohexane	1.07	<u>1.07</u>
C10 Cycloalkanes	1.27	<u>1.27</u>
C11 Bicycloalkanes	1.01	<u>1.01</u>
1,3-Diethyl-5-Methyl Cyclohexane	1.11	<u>1.11</u>
1-Ethyl-2-Propyl Cyclohexane	0.95	<u>0.95</u>
Pentyl Cyclohexane	0.91	<u>0.91</u>
C11 Cycloalkanes	0.99	<u>0.99</u>
C12 Bicycloalkanes	0.88	<u>0.88</u>
C12 Cycloalkanes	0.87	<u>0.87</u>
1,3,5-Triethyl Cyclohexane	1.06	<u>1.06</u>
1-Methyl-4-Pentyl Cyclohexane	0.81	<u>0.81</u>
Hexyl Cyclohexane	0.75	<u>0.75</u>
C13 Bicycloalkanes	0.79	<u>0.79</u>
1,3-Diethyl-5-Pentyl Cyclohexane	0.99	0.99
<u>1,3-Diethyl-5-Propyl Cyclohexane*</u>	0.96	<u>0.96</u>
1-Methyl-2-Hexyl Cyclohexane	0.70	<u>0.70</u>
Heptyl Cyclohexane	0.66	<u>0.66</u>
C13 Cycloalkanes	0.78	<u>0.78</u>
C14 Bicycloalkanes	0.71	<u>0.71</u>
1,3-Dipropyl-5-Ethyl Cyclohexane	0.94	<u>0.94</u>
1-Methyl-4-Heptyl Cyclohexane	0.58	<u>0.58</u>
Octyl Cyclohexane	0.60	<u>0.60</u>
C14 Cycloalkanes	0.71	<u>0.71</u>
C15 Bicycloalkanes	0.69	<u>0.69</u>
1,3,5-Tripropyl Cyclohexane	0.90	<u>0.90</u>
1-Methyl-2-Octyl Cyclohexane	0.60	<u>0.60</u>
Nonyl Cyclohexane	0.54	<u>0.54</u>
C15 Cycloalkanes	0.68	<u>0.68</u>

1,3-Dipropyl-5-Butyl-Cyclohexane	0.77	<u>0.77</u>
1-Methyl-4-Nonyl-Cyclohexane	0.55	<u>0.55</u>
Decyl-Cyclohexane	0.50	<u>0.50</u>
C16-Cycloalkanes	0.61	<u>0.61</u>
Ethene	9.08	<u>9.08</u>
Propene (Propylene)	11.58	<u>11.58</u>
1-Butene	10.29	<u>10.29</u>
C4-Terminal Alkenes	10.29	<u>10.29</u>
1-Pentene	7.79	<u>7.79</u>
3-Methyl-1-Butene	6.99	<u>6.99</u>
C5-Terminal Alkenes	7.79	<u>7.79</u>
1-Hexene	6.17	<u>6.17</u>
3,3-Dimethyl-1-Butene	6.06	<u>6.06</u>
3-Methyl-1-Pentene	6.22	<u>6.22</u>
4-Methyl-1-Pentene	6.26	<u>6.26</u>
C6-Terminal Alkenes	6.17	<u>6.17</u>
1-Heptene	4.56	<u>4.20</u>
1-Octene	3.45	<u>3.45</u>
C8-Terminal Alkenes	3.45	<u>3.45</u>
1-Nonene	2.76	<u>2.76</u>
C9-Terminal Alkenes	2.76	<u>2.76</u>
1-Decene	2.28	<u>2.28</u>
C10-Terminal Alkenes	2.28	<u>2.28</u>
1-Undecene	1.95	<u>1.95</u>
C11-Terminal Alkenes	1.95	<u>1.95</u>
C12-Terminal Alkenes	1.72	<u>1.72</u>
1-Dodecene	1.72	<u>1.72</u>
1-Tridecene	1.55	<u>1.55</u>
C13-Terminal Alkenes	1.55	<u>1.55</u>
1-Tetradecene	1.41	<u>1.41</u>
C14-Terminal Alkenes	1.41	<u>1.41</u>
1-Pentadecene	1.37	<u>1.27</u>
C15-Terminal Alkenes	1.37	<u>1.27</u>
2-Methyl-Pentene (Isobutene)	6.35	<u>6.35</u>
2-Methyl-1-Butene	6.51	<u>6.51</u>
2,3-Dimethyl-1-Butene	4.77	<u>4.77</u>
2-Ethyl-1-Butene	5.04	<u>5.04</u>
2-Methyl-1-Pentene	5.18	<u>5.18</u>
2,3,3-Trimethyl-1-Butene	4.62	<u>4.62</u>
C7-Terminal Alkenes	4.56	<u>4.20</u>
3-Methyl-2-Isopropyl-1-Butene	3.29	<u>3.29</u>
cis-2-Butene	13.22	<u>13.22</u>
trans-2-Butene	13.91	<u>13.91</u>
C4-Internal Alkenes	13.57	<u>13.57</u>
2-Methyl-2-Butene	14.45	<u>14.45</u>
cis-2-Pentene	10.24	<u>10.24</u>
trans-2-Pentene	10.23	<u>10.23</u>
2-Pentenes	10.23	<u>10.23</u>

C5 Internal Alkenes	10.23	<u>10.23</u>
2,3-Dimethyl-2-Butene	13.32	<u>13.32</u>
2-Methyl-2-Pentene	12.28	<u>12.28</u>
cis-2-Hexene	8.44	<u>8.44</u>
cis-3-Hexene	8.22	<u>8.22</u>
cis-3-Methyl-2-Pentene*	<u>12.84</u>	<u>12.84</u>
cis-3-Methyl-2-Hexene	13.38	<u>13.38</u>
trans-3-Methyl-2-Hexene	14.17	<u>14.17</u>
trans-4-Methyl-2-Hexene	7.88	<u>7.88</u>
trans-2-Hexene	8.44	<u>8.44</u>
trans-3-Hexene	8.16	<u>8.16</u>
2-Hexenes	8.44	<u>8.44</u>
C6 Internal Alkenes	8.44	<u>8.44</u>
2,3-Dimethyl-2-Hexene	10.41	<u>10.41</u>
cis-3-Heptene	6.96	<u>6.96</u>
trans-4,4-Dimethyl-2-Pentene	6.99	<u>6.99</u>
trans-2-Heptene	7.33	<u>7.33</u>
trans-3-Heptene	6.96	<u>6.96</u>
2-Heptenes	6.96	<u>6.96</u>
C7 Internal Alkenes	6.96	<u>6.96</u>
cis-4-Octene	5.94	<u>5.94</u>
trans-2,2-Dimethyl-3-Hexene	5.97	<u>5.97</u>
trans-2,5-Dimethyl-3-Hexene	5.44	<u>5.44</u>
trans-3-Octene	6.13	<u>6.13</u>
trans-4-Octene	5.90	<u>5.90</u>
3-Octenes	6.13	<u>6.13</u>
C8 Internal Alkenes	5.90	<u>5.90</u>
2,4,4-Trimethyl-2-Pentene	5.85	<u>8.52</u>
3-Nonenes	5.31	<u>5.31</u>
C9 Internal Alkenes	5.31	<u>5.31</u>
trans-4-Nonene	5.23	<u>5.23</u>
3,4-Diethyl-2-Hexene	3.95	<u>3.95</u>
cis-5-Decene	4.89	<u>4.89</u>
trans-4-Decene	4.50	<u>4.50</u>
C10 3-Alkenes	4.50	<u>4.50</u>
C10 Internal Alkenes	4.50	<u>4.50</u>
trans-5-Undecene	4.23	<u>4.23</u>
C11 3-Alkenes	4.23	<u>4.23</u>
C11 Internal Alkenes	4.23	<u>4.23</u>
C12 2-Alkenes	3.75	<u>3.75</u>
C12 3-Alkenes	3.75	<u>3.75</u>
C12 Internal Alkenes	3.75	<u>3.75</u>
trans-5-Dodecene	3.74	<u>3.74</u>
trans-5-Tridecene	3.38	<u>3.38</u>
C13 3-Alkenes	3.38	<u>3.38</u>
C13 Internal Alkenes	3.38	<u>3.38</u>
trans-5-Tetradecene	3.08	<u>3.08</u>
C14 3-Alkenes	3.08	<u>3.08</u>

C14 Internal Alkenes	3.08	<u>3.08</u>
trans-5-Pentadecene	2.82	<u>2.82</u>
C15 3-Alkenes	2.82	<u>2.82</u>
C15 Internal Alkenes	2.82	<u>2.82</u>
C4 Alkenes	11.93	<u>11.93</u>
C5 Alkenes	9.01	<u>9.01</u>
C6 Alkenes	6.88	<u>6.88</u>
C7 Alkenes	5.76	<u>5.76</u>
C8 Alkenes	4.68	<u>4.68</u>
C9 Alkenes	4.03	<u>4.03</u>
C10 Alkenes	3.39	<u>3.39</u>
C11 Alkenes	3.09	<u>3.09</u>
C12 Alkenes	2.73	<u>2.73</u>
C13 Alkenes	2.46	<u>2.46</u>
C14 Alkenes	2.28	<u>2.28</u>
C15 Alkenes	2.06	<u>2.06</u>
Cyclopentene	7.38	<u>7.38</u>
1-Methyl Cyclopentene	13.95	<u>13.95</u>
Cyclohexene	5.45	<u>5.45</u>
1-Methyl Cyclohexene	7.81	<u>7.81</u>
4-Methyl Cyclohexene	4.48	<u>4.48</u>
1,2-Dimethyl Cyclohexene	6.77	<u>6.77</u>
1,3-Butadiene	13.58	<u>13.58</u>
Isoprene	10.69	<u>10.69</u>
C6 Cyclic or Di-olefins	8.65	<u>8.65</u>
C7 Cyclic or Di-olefins	7.49	<u>7.49</u>
C8 Cyclic or Di-olefins	6.01	<u>6.01</u>
C9 Cyclic or Di-olefins	5.40	<u>5.40</u>
C10 Cyclic or Di-olefins	4.56	<u>4.56</u>
C11 Cyclic or Di-olefins	4.29	<u>4.29</u>
C12 Cyclic or Di-olefins	3.79	<u>3.79</u>
C13 Cyclic or Di-olefins	3.42	<u>3.42</u>
C14 Cyclic or Di-olefins	3.11	<u>3.11</u>
C15 Cyclic or Di-olefins	2.85	<u>2.85</u>
Cyclopentadiene	7.61	<u>7.61</u>
β-Carene	3.21	<u>3.21</u>
α-Pinene (Pine Oil)	4.29	<u>4.29</u>
β-Pinene	3.28	<u>3.28</u>
d-Limonene (Dipentene or Orange Terpene)	3.99	<u>3.99</u>
Sabinene	3.67	<u>3.67</u>
Terpene	3.79	<u>3.79</u>
Styrene	1.95	<u>1.95</u>
α-Methyl Styrene	1.72	<u>1.72</u>
C9 Styrenes	1.72	<u>1.72</u>
C10 Styrenes	1.53	<u>1.53</u>
Benzene	0.81	<u>0.81</u>
Toluene	3.97	<u>3.97</u>
Ethyl Benzene	2.79	<u>2.79</u>

Cumene (Isopropyl Benzene)	2.32	<u>2.32</u>
n-Propyl Benzene	2.20	<u>2.20</u>
C9 Monosubstituted Benzenes	2.20	<u>2.20</u>
s-Butyl Benzene	1.97	<u>1.97</u>
C10 Monosubstituted Benzenes	1.97	<u>1.97</u>
n-Butyl Benzene	1.97	<u>1.97</u>
C11 Monosubstituted Benzenes	1.78	<u>1.78</u>
C12 Monosubstituted Benzenes	1.63	<u>1.63</u>
C13 Monosubstituted Benzenes	1.50	<u>1.50</u>
m-Xylene	10.61	<u>10.61</u>
o-Xylene	7.49	<u>7.49</u>
p-Xylene	4.25	<u>4.25</u>
C8 Disubstituted Benzenes	7.48	<u>7.48</u>
<u>m-Ethyl Toluene*</u>	<u>9.37</u>	<u>9.37</u>
<u>p-Ethyl Toluene*</u>	<u>3.75</u>	<u>3.75</u>
<u>o-Ethyl Toluene*</u>	<u>6.61</u>	<u>6.61</u>
C9 Disubstituted Benzenes	6.61	<u>6.61</u>
<u>o-Diethyl Benzene*</u>	<u>5.92</u>	<u>5.92</u>
<u>m-Diethyl Benzene*</u>	<u>8.39</u>	<u>8.39</u>
<u>p-Diethyl Benzene*</u>	<u>3.36</u>	<u>3.36</u>
C10 Disubstituted Benzenes	5.92	<u>5.92</u>
C11 Disubstituted Benzenes	5.35	<u>5.35</u>
C12 Disubstituted Benzenes	4.90	<u>4.90</u>
C13 Disubstituted Benzenes	4.50	<u>4.50</u>
Isomers of Ethylbenzene	5.16	<u>5.16</u>
1,2,3-Trimethyl Benzene	11.26	<u>11.26</u>
1,2,4-Trimethyl Benzene	7.18	<u>7.18</u>
1,3,5-Trimethyl Benzene	11.22	<u>11.22</u>
C9 Trisubstituted Benzenes	9.90	<u>9.90</u>
Isomers of Propylbenzene	6.12	<u>6.12</u>
<u>1,2,3,5-Tetramethyl Benzene*</u>	<u>8.25</u>	<u>8.25</u>
C10 Tetrasubstituted Benzenes	8.86	<u>8.86</u>
C10 Trisubstituted Benzenes	8.86	<u>8.86</u>
Isomers of Butylbenzene	5.48	<u>5.48</u>
C11 Pentasubstituted Benzenes	8.03	<u>8.03</u>
C11 Tetrasubstituted Benzenes	8.03	<u>8.03</u>
C11 Trisubstituted Benzenes	8.03	<u>8.03</u>
Isomers of Pentylbenzene	4.96	<u>4.96</u>
C12 Pentasubstituted Benzenes	7.33	<u>7.33</u>
C12 Hexasubstituted Benzenes	7.33	<u>7.33</u>
C12 Tetrasubstituted Benzenes	7.33	<u>7.33</u>
C12 Trisubstituted Benzenes	7.33	<u>7.33</u>
Isomers of Hexylbenzene	4.53	<u>4.53</u>
C13 Trisubstituted Benzenes	6.75	<u>6.75</u>
<u>Indene*</u>	<u>3.21</u>	<u>3.21</u>
Indane	3.17	<u>3.17</u>
Naphthalene	3.26	<u>3.26</u>
Tetralin	2.83	<u>2.83</u>

<u>Methyl Indans*</u>	<u>2.83</u>	<u>2.83</u>
Methyl Naphthalenes	4.61	<u>4.61</u>
1-Methyl Naphthalene	4.61	<u>4.61</u>
2-Methyl Naphthalene	4.61	<u>4.61</u>
<u>C11 Tetralin or Indane</u>	<u>2.56</u>	<u>2.56</u>
2,3-Dimethyl Naphthalene	5.54	<u>5.54</u>
C12 Disubstituted Naphthalenes	5.54	<u>5.54</u>
Dimethyl Naphthalenes	5.54	<u>5.54</u>
C12 Monosubstituted Naphthalenes	4.20	<u>4.20</u>
<u>C12 Tetralin or Indane*</u>	<u>2.33</u>	<u>2.33</u>
C13 Disubstituted Naphthalenes	5.08	<u>5.08</u>
C13 Trisubstituted Naphthalenes	5.08	<u>5.08</u>
C13 Monosubstituted Naphthalenes	3.86	<u>3.86</u>
Acetylene	1.25	<u>1.25</u>
Methyl Acetylene	6.45	<u>6.45</u>
2-Butyne	16.33	<u>16.33</u>
Ethyl Acetylene	6.20	<u>6.20</u>
Methanol	0.71	<u>0.71</u>
Ethanol	1.69	<u>1.69</u>
Isopropanol (2-Propanol or Isopropyl Alcohol)	0.71	<u>0.71</u>
n-Propanol (n-Propyl Alcohol)	2.74	<u>2.74</u>
Isobutanol (Isobutyl Alcohol)	2.24	<u>2.24</u>
1-Butanol (n-Butyl Alcohol)	3.34	<u>3.34</u>
2-Butanol (s-Butyl Alcohol)	1.60	<u>1.60</u>
t-Butyl Alcohol	0.45	<u>0.45</u>
Cyclopentanol	1.96	<u>1.96</u>
2-Pentanol	1.74	<u>1.74</u>
3-Pentanol	1.73	<u>1.73</u>
n-Pentanol (Amyl Alcohol)	3.35	<u>3.35</u>
<u>Isoamyl Alcohol (3-Methyl-1-Butanol)*</u>	<u>2.73</u>	<u>2.73</u>
<u>2-Methyl-1-Butanol*</u>	<u>2.60</u>	<u>2.60</u>
Cyclohexanol	2.25	<u>2.25</u>
1-Hexanol	2.74	<u>2.74</u>
2-Hexanol	2.46	<u>2.46</u>
<u>4-Methyl-2-Pentanol (Methyl Isobutyl Carbinol)*</u>	<u>2.89</u>	<u>2.89</u>
1-Heptanol	2.21	<u>2.21</u>
<u>Dimethylpentanol (2,3-Dimethyl-1-Pentanol)*</u>	<u>2.51</u>	<u>2.51</u>
1-Octanol	2.01	<u>2.01</u>
2-Ethyl-1-Hexanol (Ethyl Hexyl Alcohol)	2.20	<u>2.20</u>
2-Octanol	2.16	<u>2.16</u>
3-Octanol	2.57	<u>2.57</u>
4-Octanol	3.07	<u>3.07</u>
<u>5-Methyl-1-Heptanol*</u>	<u>1.95</u>	<u>1.95</u>
<u>Trimethylcyclohexanol*</u>	<u>2.17</u>	<u>2.17</u>
<u>Dimethylheptanol (2,6-Dimethyl-2-Heptanol)*</u>	<u>1.07</u>	<u>1.07</u>
<u>2,6-Dimethyl-4-Heptanol*</u>	<u>2.37</u>	<u>2.37</u>
<u>Menthol*</u>	<u>1.70</u>	<u>1.70</u>
Isodecyl Alcohol (8-Methyl-1-Nonanol)	1.23	<u>1.23</u>

<u>1-Decanol*</u>	<u>1.22</u>	<u>1.22</u>
<u>3,7-Dimethyl-1-Octanol*</u>	<u>1.42</u>	<u>1.42</u>
<u>Trimethylnonanolthreoerythro; 2,6,8-Trimethyl-4-Nonanol*</u>	<u>1.55</u>	<u>1.55</u>
Ethylene Glycol	3.36	<u>3.36</u>
Propylene Glycol	2.75	<u>2.75</u>
1,2-Butanediol	2.21	<u>2.21</u>
Glycerol (1,2,3-Propanetriol)	3.27	<u>3.27</u>
<u>1,4-Butanediol*</u>	<u>3.22</u>	<u>3.22</u>
<u>Pentaerythritol*</u>	<u>2.42</u>	<u>2.42</u>
1,2-Dihydroxy Hexane	2.75	<u>2.75</u>
2-Methyl-2,4-Pentanediol	1.04	<u>1.04</u>
<u>2-Ethyl-1,3-Hexanediol*</u>	<u>2.62</u>	<u>2.62</u>
Dimethyl Ether	0.93	<u>0.93</u>
Trimethylene Oxide	5.22	<u>5.22</u>
<u>1,3-Dioxolane*</u>	<u>5.47</u>	<u>5.47</u>
Dimethoxymethane	1.04	<u>1.04</u>
Tetrahydrofuran	4.95	<u>4.95</u>
Diethyl Ether	4.01	<u>4.01</u>
<u>1,4-Dioxane*</u>	<u>2.71</u>	<u>2.71</u>
Alpha-Methyltetrahydrofuran	4.62	<u>4.62</u>
Tetrahydropyran	3.81	<u>3.81</u>
Ethyl Isopropyl Ether	3.86	<u>3.86</u>
Methyl n-Butyl Ether	3.66	<u>3.66</u>
Methyl t-Butyl Ether	0.78	<u>0.78</u>
2,2-Dimethoxypropane	0.52	<u>0.52</u>
Di n-Propyl Ether	3.24	<u>3.24</u>
Ethyl n-Butyl Ether	3.86	<u>3.86</u>
Ethyl t-Butyl Ether	2.11	<u>2.11</u>
Methyl t-Amyl Ether	2.14	<u>2.14</u>
<u>Di-isopropyl Ether*</u>	<u>3.56</u>	<u>3.56</u>
<u>Ethylene Glycol Diethyl Ether; 1,2-Diethoxyethane*</u>	<u>2.84</u>	<u>2.84</u>
<u>Acetal (1,1-Diethoxyethane)*</u>	<u>3.68</u>	<u>3.68</u>
<u>4,4-Dimethyl-3-Oxahexane*</u>	<u>2.03</u>	<u>2.03</u>
2-Butyl Tetrahydrofuran	2.53	<u>2.53</u>
Di-Isobutyl Ether	1.29	<u>1.29</u>
Di-n-butyl Ether	3.17	<u>3.17</u>
<u>2-Methoxy-1-(2-Methoxy-1-Methylethoxy)-Propane*</u>	<u>2.09</u>	<u>2.09</u>
Di-n-Pentyl Ether	2.64	<u>2.64</u>
Ethylene Glycol Monomethyl Ether (2-Methoxyethanol)	2.98	<u>2.98</u>
Propylene Glycol Monomethyl Ether (1-Methoxy-2-Propanol)	2.62	<u>2.62</u>
2-Ethoxyethanol	3.78	<u>3.78</u>
2-Methoxy-1-Propanol	3.01	<u>3.01</u>
<u>3-Methoxy-1-Propanol*</u>	<u>4.01</u>	<u>4.01</u>
Diethylene Glycol	3.55	<u>3.55</u>
<u>Tetrahydro-2-Furanmethanol*</u>	<u>3.54</u>	<u>3.54</u>
Propylene Glycol Monoethyl Ether (1-Ethoxy-2-Propanol)	3.25	<u>3.25</u>
Ethylene Glycol Monopropyl Ether (2-Propoxyethanol)	3.52	<u>3.52</u>
3-Ethoxy-1-Propanol	4.24	<u>4.24</u>

3-Methoxy-1-Butanol	0.97	<u>0.97</u>
Diethylene Glycol Methyl Ether [2-(2-Methoxyethoxy) Ethanol]	2.90	<u>2.90</u>
Propylene Glycol Monopropyl Ether (1-Propoxy-2-Propanol)	2.86	<u>2.86</u>
Ethylene Glycol Monobutyl Ether [2-Butoxyethanol]	2.90	<u>2.90</u>
3-Methoxy-3-Methyl-Butanol	1.74	<u>1.74</u>
<u>n-Propoxypropanol*</u>	<u>3.84</u>	<u>3.84</u>
2-(2-Ethoxyethoxy) Ethanol	3.19	<u>3.19</u>
Dipropylene Glycol	2.48	<u>2.48</u>
<u>Triethylene Glycol*</u>	<u>3.41</u>	<u>3.41</u>
Propylene Glycol t-Butyl Ether (1-tert-Butoxy-2-Propanol)	1.71	<u>1.71</u>
2-tert-Butoxy-1-Propanol	1.81	<u>1.81</u>
n-Butoxy-2-Propanol	2.70	<u>2.70</u>
Dipropylene Glycol Methyl Ether Isomer (1-Methoxy-2-[2-Hydroxypropoxy] Propane)	2.21	<u>2.21</u>
Dipropylene Glycol Methyl Ether Isomer (2-[2-Methoxypropoxy]-1-Propanol)	3.02	<u>2.70</u>
2-Hexyloxyethanol	2.45	<u>2.45</u>
2-(2-Propoxyethoxy) Ethanol	3.00	<u>3.00</u>
2,2,4-Trimethyl-1,3-Pentanediol	1.74	<u>1.74</u>
2-(2-Butoxyethoxy)-Ethanol	2.70	<u>2.87</u>
2-[2-(2-Methoxyethoxy) Ethoxy] Ethanol	2.62	<u>2.62</u>
<u>Dipropylene Glycol Ethyl Ether*</u>	<u>2.75</u>	<u>2.75</u>
Ethylene Glycol 2-Ethylhexyl Ether [2-(2-Ethylhexyloxy) Ethanol]	1.71	<u>1.71</u>
2-[2-(2-Ethoxyethoxy) Ethoxy] Ethanol	2.66	<u>2.66</u>
<u>Tetraethylene Glycol*</u>	<u>2.84</u>	<u>2.84</u>
<u>1-(Butoxyethoxy)-2-Propanol*</u>	<u>2.08</u>	<u>2.08</u>
2-(2-Hexyloxyethoxy) Ethanol	2.03	<u>2.03</u>
Glycol Ether dpnb (1-(2-Butoxy-1-Methylethoxy)-2-Propanol)*	1.96	<u>1.96</u>
2-[2-(2-Propoxyethoxy) Ethoxy] Ethanol	2.46	<u>2.46</u>
2-[2-(2-Butoxyethoxy) Ethoxy] Ethanol	2.24	<u>2.24</u>
Tripropylene Glycol Monomethyl Ether	1.90	<u>1.90</u>
2,5,8,11-Tetraoxatridecan-13-ol	2.15	<u>2.15</u>
3,6,9,12-Tetraoxahexadecan-1-ol	1.90	<u>1.90</u>
Cumene Hydroperoxide (1-Methyl-1-Phenylethylhydroperoxide)**	12.61	<u>12.61</u>
Methyl Formate	0.06	<u>0.06</u>
Ethyl Formate	0.52	<u>0.52</u>
Methyl Acetate	0.07	<u>0.07</u>
<u>gamma-Butyrolactone*</u>	<u>1.15</u>	<u>1.15</u>
Ethyl Acetate	0.64	<u>0.64</u>
Methyl Propionate	0.71	<u>0.71</u>
n-Propyl Formate	0.93	<u>0.93</u>
<u>Isopropyl Formate*</u>	<u>0.42</u>	<u>0.42</u>
Ethyl Propionate	0.79	<u>0.79</u>
Isopropyl Acetate	1.12	<u>1.12</u>
Methyl Butyrate	1.18	<u>1.18</u>
Methyl Isobutyrate	0.70	<u>0.70</u>
n-Butyl Formate	0.95	<u>0.95</u>
Propyl Acetate	0.87	<u>0.87</u>
Ethyl Butyrate	1.25	<u>1.25</u>

Isobutyl Acetate	0.67	<u>0.67</u>
Methyl Pivalate (2,2-Dimethyl Propanoic Acid Methyl Ester)	0.39	<u>0.39</u>
n-Butyl Acetate	0.89	<u>0.89</u>
n-Propyl Propionate	0.93	<u>0.93</u>
s-Butyl Acetate	1.43	<u>1.43</u>
t-Butyl Acetate	0.20	<u>0.20</u>
Butyl Propionate	0.89	<u>0.89</u>
Amyl Acetate	0.96	<u>0.96</u>
n-Propyl Butyrate	1.17	<u>1.17</u>
Isoamyl Acetate (3 Methylbutyl Acetate)*	1.18	<u>1.18</u>
2-Methyl-1-Butyl Acetate*	1.17	<u>1.17</u>
EEP Solvent (Ethyl 3-Ethoxy Propionate)	3.61	<u>3.61</u>
2,3-Dimethylbutyl Acetate	0.84	<u>0.84</u>
2-Methylpentyl Acetate	1.11	<u>1.11</u>
3-Methylpentyl Acetate	1.31	<u>1.31</u>
4-Methylpentyl Acetate	0.92	<u>0.92</u>
Isobutyl Isobutyrate	0.61	<u>0.61</u>
n-Butyl Butyrate	1.12	<u>1.12</u>
n-Hexyl Acetate (Hexyl Acetate)	0.87	<u>0.87</u>
Methyl Amyl Acetate (4 Methyl 2 Pentanol Acetate)*	1.46	<u>1.46</u>
n-Pentyl Propionate*	0.79	<u>0.79</u>
2,4-Dimethylpentyl Acetate	0.98	<u>0.98</u>
2-Methylhexyl Acetate	0.89	<u>0.89</u>
3-Ethylpentyl Acetate	1.24	<u>1.24</u>
3-Methylhexyl Acetate	1.01	<u>1.01</u>
4-Methylhexyl Acetate	0.91	<u>0.91</u>
5-Methylhexyl Acetate	0.79	<u>0.79</u>
Isoamyl Isobutyrate	0.89	<u>0.89</u>
n-Heptyl Acetate (Heptyl Acetate)	0.73	<u>0.73</u>
2,4-Dimethylhexyl Acetate	0.93	<u>0.93</u>
2-Ethyl-Hexyl Acetate	0.79	<u>0.79</u>
3,4-Dimethylhexyl Acetate	1.16	<u>1.16</u>
3,5-Dimethylhexyl Acetate	1.09	<u>1.09</u>
3-Ethylhexyl Acetate	1.03	<u>1.03</u>
3-Methylheptyl Acetate	0.76	<u>0.76</u>
4,5-Dimethylhexyl Acetate	0.86	<u>0.86</u>
4-Methylheptyl Acetate	0.72	<u>0.72</u>
5-Methylheptyl Acetate	0.73	<u>0.73</u>
n-Octyl Acetate	0.64	<u>0.64</u>
2,3,5-Trimethylhexyl Acetate	0.86	<u>0.86</u>
2,3-Dimethylheptyl Acetate	0.84	<u>0.84</u>
2,4-Dimethylheptyl Acetate	0.88	<u>0.88</u>
2,5-Dimethylheptyl Acetate	0.86	<u>0.86</u>
2-Methyloctyl Acetate	0.63	<u>0.63</u>
3,5-Dimethylheptyl Acetate	1.01	<u>1.01</u>
3,6-Dimethylheptyl Acetate	0.87	<u>0.87</u>
3-Ethylheptyl Acetate	0.71	<u>0.71</u>
4,5-Dimethylheptyl Acetate	0.96	<u>0.96</u>

4,6-Dimethylheptyl Acetate	0.83	<u>0.83</u>
4-Methyloctyl Acetate	0.68	<u>0.68</u>
5-Methyloctyl Acetate	0.67	<u>0.67</u>
n-Nonyl Acetate	0.58	<u>0.58</u>
3,6-Dimethyloctyl Acetate	0.88	<u>0.88</u>
3-Isopropylheptyl Acetate	0.71	<u>0.71</u>
4,6-Dimethyloctyl Acetate	0.85	<u>0.85</u>
3,5,7-Trimethyloctyl Acetate	0.83	<u>0.83</u>
3-Ethyl-6-Methyloctyl Acetate	0.80	<u>0.80</u>
4,7-Dimethylnonyl Acetate	0.64	<u>0.64</u>
<u>Methyl Dodecanoate (Methyl Laurate)*</u>	<u>0.53</u>	<u>0.53</u>
2,3,5,7-Tetramethyloctyl Acetate	0.74	<u>0.74</u>
3,5,7-Trimethylnonyl Acetate	0.76	<u>0.76</u>
3,6,8-Trimethylnonyl Acetate	0.72	<u>0.72</u>
2,4,6,8-Tetramethylnonyl Acetate	0.63	<u>0.63</u>
3-Ethyl-6,7-Dimethylnonyl Acetate	0.76	<u>0.76</u>
4,7,9-Trimethyldecyl Acetate	0.55	<u>0.55</u>
<u>Methyl Myristate (Methyl Tetradecanoate)*</u>	<u>0.47</u>	<u>0.47</u>
2,3,5,6,8-Pentaamethylnonyl Acetate	0.74	<u>0.74</u>
3,5,7,9-Tetramethyldecyl Acetate	0.58	<u>0.58</u>
5-Ethyl-3,6,8-Trimethylnonyl Acetate	0.77	<u>0.77</u>
Dimethyl Carbonate	0.06	<u>0.06</u>
Propylene Carbonate (4-Methyl-1,3-Dioxolan-2-one)	0.25	<u>0.25</u>
Methyl Lactate	2.75	<u>2.75</u>
2-Methoxyethyl Acetate	1.18	<u>1.18</u>
Ethyl Lactate	2.71	<u>2.71</u>
Methyl Isopropyl Carbonate	0.69	<u>0.69</u>
Propylene Glycol Monomethyl Ether Acetate (1-Methoxy-2-Propyl Acetate)	1.71	<u>1.71</u>
2-Ethoxyethyl Acetate	1.90	<u>1.90</u>
2-Methoxy-1-Propyl Acetate	1.12	<u>1.12</u>
<u>Methoxypropanol Acetate*</u>	<u>1.97</u>	<u>1.97</u>
Dimethyl Succinate	0.23	<u>0.23</u>
Ethylene Glycol Diacetate	0.72	<u>0.72</u>
<u>1,2-Propylene Glycol Diacetate*</u>	<u>0.94</u>	<u>0.94</u>
Diisopropyl Carbonate	1.04	<u>1.04</u>
Dimethyl Glutarate	0.51	<u>0.51</u>
Ethylene Glycol Monobutyl Ether Acetate (2-Butoxyethyl Acetate)	1.67	<u>1.67</u>
Dimethyl Adipate	1.95	<u>1.95</u>
2-(2-Ethoxyethoxy) Ethyl Acetate	1.50	<u>1.50</u>
<u>Dipropylene Glycol n-Propyl Ether Isomer #1*</u>	<u>2.13</u>	<u>2.13</u>
<u>Dipropylene Glycol Methyl Ether Acetate Isomer #1*</u>	<u>1.41</u>	<u>1.41</u>
<u>Dipropylene Glycol Methyl Ether Acetate Isomer #2*</u>	<u>1.58</u>	<u>1.58</u>
<u>Dipropylene Glycol Methyl Ether Acetate*</u>	<u>1.49</u>	<u>1.49</u>
<u>Glyceryl Triacetate*</u>	<u>0.57</u>	<u>0.57</u>
2-(2-Butoxyethoxy) Ethyl Acetate	1.38	<u>1.38</u>
Substituted C7 Ester (C12)	0.92	<u>0.92</u>
1-Hydroxy-2,2,4-Trimethylpentyl-3-Isobutyrate	0.92	<u>0.92</u>

3-Hydroxy-2,2,4-Trimethylpentyl-1-Isobutyrate	0.88	<u>0.88</u>
Hydroxy-2,2,4-Trimethylpentyl-Isobutyrate-Isomers (2,2,4-Trimethyl-1,3-Pentanediol-Monoisobutyrate)	0.89	<u>0.89</u>
Substituted C9-Ester (C12)	0.89	<u>0.89</u>
Dimethyl Sebacate	0.48	<u>0.48</u>
Diisopropyl Adipate*	<u>1.42</u>	<u>1.42</u>
Ethylene Oxide	0.05	<u>0.04</u>
Propylene Oxide	0.32	<u>0.32</u>
1,2-Epoxybutane (Ethyl Oxirane)	1.02	<u>1.02</u>
Formic Acid	0.08	<u>0.08</u>
Acetic Acid	0.71	<u>0.50</u>
Glycolic Acid (Hydroxyacetic Acid)	2.67	<u>2.67</u>
Peracetic Acid (Peroxyacetic Acid)**	12.62	<u>12.62</u>
Acrylic Acid	11.66	<u>11.66</u>
Propionic Acid	1.16	<u>0.79</u>
Methacrylic Acid	18.78	<u>18.78</u>
Isobutyric Acid*	<u>1.22</u>	<u>1.22</u>
Butanoic Acid*	<u>1.78</u>	<u>1.78</u>
Malic Acid*	<u>7.51</u>	<u>7.51</u>
3-Methylbutanoic Acid*	<u>4.26</u>	<u>4.26</u>
Adipic Acid*	<u>3.37</u>	<u>3.37</u>
2-Ethyl Hexanoic Acid	4.41	<u>3.49</u>
Methyl Acrylate	12.24	<u>12.24</u>
Vinyl Acetate	3.26	<u>3.26</u>
2-Methyl-2-Butene-3-ol (1,2-Dimethylpropyl-1-en-1-ol)	5.12	<u>5.12</u>
Ethyl Acrylate	8.78	<u>8.78</u>
Methyl Methacrylate	15.84	<u>15.84</u>
Hydroxypropyl Acrylate*	<u>5.56</u>	<u>5.56</u>
n-Butyl Acrylate*	<u>5.52</u>	<u>5.52</u>
Isobutyl Acrylate*	<u>5.05</u>	<u>5.05</u>
Butyl Methacrylate	9.09	<u>9.09</u>
Isobutyl Methacrylate	8.99	<u>8.99</u>
Isobornyl Methacrylate**	8.64	<u>8.64</u>
α -Terpineol*	5.16	<u>5.16</u>
2-Ethyl Hexyl Acrylate	2.42	<u>2.42</u>
Furan	16.54	<u>16.54</u>
Formaldehyde	8.97	<u>8.97</u>
Acetaldehyde	6.84	<u>6.84</u>
Propionaldehyde	7.89	<u>7.89</u>
2-Methylpropanal	5.87	<u>5.87</u>
Butanal	6.74	<u>6.74</u>
C4 Aldehydes	6.74	<u>6.74</u>
2,2-Dimethylpropanal (Pivaldehyde)	5.40	<u>5.40</u>
3-Methylbutanal (Isovaleraldehyde)	5.52	<u>5.52</u>
Pentanal (Valeraldehyde)	5.76	<u>5.76</u>
C5 Aldehydes	5.76	<u>5.76</u>
Glutaraldehyde	4.79	<u>4.79</u>
Hexanal	4.98	<u>4.98</u>

C6 Aldehydes	4.98	<u>4.98</u>
Heptanal	4.23	<u>4.23</u>
C7 Aldehydes	4.23	<u>4.23</u>
<u>2-Methyl-Hexanal*</u>	<u>3.97</u>	<u>3.97</u>
Octanal	3.65	<u>3.65</u>
C8 Aldehydes	3.65	<u>3.65</u>
Glyoxal	14.22	<u>14.22</u>
Methyl Glyoxal	16.21	<u>16.21</u>
Acrolein	7.60	<u>7.60</u>
Crotonaldehyde	10.07	<u>10.07</u>
Methacrolein	6.23	<u>6.23</u>
Hydroxy Methacrolein	6.61	<u>6.61</u>
Benzaldehyde	0.00	<u>0.00</u>
Tolualdehyde	0.00	<u>0.00</u>
Acetone	0.43	<u>0.43</u>
Cyclobutanone	0.68	<u>0.68</u>
Methyl Ethyl Ketone (2-Butanone)	1.49	<u>1.49</u>
Cyclopentanone	1.43	<u>1.43</u>
C5 Cyclic Ketones	1.43	<u>1.43</u>
Methyl Propyl Ketone (2-Pentanone)	3.07	<u>3.07</u>
3-Pentanone	1.45	<u>1.45</u>
C5 Ketones	3.07	<u>3.07</u>
<u>Methyl Isopropyl Ketone*</u>	<u>1.64</u>	<u>1.64</u>
<u>2,4-Pentanedione*</u>	<u>1.02</u>	<u>1.02</u>
Cyclohexanone	1.61	<u>1.61</u>
C6 Cyclic Ketones	1.61	<u>1.61</u>
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4.31	<u>4.31</u>
Methyl n-Butyl Ketone (2-Hexanone)	3.55	<u>3.55</u>
Methyl t-Butyl Ketone	0.78	<u>0.78</u>
C6 Ketones	3.55	<u>3.55</u>
C7 Cyclic Ketones	1.41	<u>1.41</u>
Methyl Amyl Ketone (2-Heptanone)	2.80	<u>2.80</u>
2-Methyl-3-Hexanone	1.79	<u>1.79</u>
Di-Isopropyl Ketone	1.63	<u>1.63</u>
C7 Ketones	2.80	<u>2.80</u>
3-Methyl-2-Hexanone	2.81	<u>2.81</u>
Methyl Isoamyl Ketone (5-Methyl-2-Hexanone)	2.10	<u>2.10</u>
C8 Cyclic Ketones	1.25	<u>1.25</u>
2-Octanone	1.66	<u>1.66</u>
C8 Ketones	1.66	<u>1.66</u>
C9 Cyclic Ketones	1.13	<u>1.13</u>
<u>2-Propyl Cyclohexanone*</u>	<u>1.71</u>	<u>1.71</u>
<u>4-Propyl Cyclohexanone*</u>	<u>2.08</u>	<u>2.08</u>
2-Nonanone	1.30	<u>1.30</u>
Di-Isobutyl Ketone (2,6-Dimethyl-4-Heptanone)	2.94	<u>2.94</u>
C9 Ketones	1.30	<u>1.30</u>
C10 Cyclic Ketones	1.02	<u>1.02</u>
2-Decanone	1.06	<u>1.06</u>

C10 Ketones	1.06	<u>1.06</u>
<u>2,6,8-Trimethyl-4-Nonanone; Isobutyl Heptyl Ketone*</u>	<u>1.86</u>	<u>1.86</u>
Biacetyl	20.73	<u>20.73</u>
Methylvinyl ketone	8.73	<u>8.73</u>
<u>Mesityl Oxide (2-Methyl-2-Penten-4-one)*</u>	<u>17.37</u>	<u>17.37</u>
<u>Isophorone (3,5,5-Trimethyl-2-Cyclohexenone)*</u>	<u>10.58</u>	<u>10.58</u>
<u>1-Nonene-4-one*</u>	<u>3.39</u>	<u>3.39</u>
Hydroxy Acetone	3.08	<u>3.08</u>
<u>Dihydroxyacetone*</u>	<u>4.02</u>	<u>4.02</u>
Methoxy Acetone	2.14	<u>2.14</u>
Diacetone Alcohol (4-Hydroxy-4-Methyl-2-Pentanone)	0.68	<u>0.68</u>
Phenol	1.82	<u>1.82</u>
<u>C7 Alkyl Phenols</u>	<u>2.34</u>	<u>2.34</u>
m-Cresol	2.34	<u>2.34</u>
p-Cresol	2.34	<u>2.34</u>
o-Cresol	2.34	<u>2.34</u>
<u>C8 Alkyl Phenols*</u>	<u>2.07</u>	<u>2.07</u>
<u>C9 Alkyl Phenols*</u>	<u>1.86</u>	<u>1.86</u>
<u>C10 Alkyl Phenols*</u>	<u>1.68</u>	<u>1.68</u>
<u>C11 Alkyl Phenols*</u>	<u>1.54</u>	<u>1.54</u>
<u>C12 Alkyl Phenols*</u>	<u>1.42</u>	<u>1.42</u>
<u>2-Phenoxyethanol; Ethylene Glycol Phenyl Ether*</u>	<u>3.61</u>	<u>3.61</u>
1-Phenoxy-2-Propanol	1.73	<u>1.73</u>
Nitrobenzene	0.07	<u>0.07</u>
Para-Toluene Isocyanate	0.93	<u>0.93</u>
Toluene Diisocyanate (Mixed Isomers)	0.00	<u>0.00</u>
Methylene Diphenylene Diisocyanate	0.79	<u>0.79</u>
N-Methyl Acetamide**	19.70	<u>19.70</u>
Dimethyl Amine	9.37	<u>9.37</u>
Ethyl Amine	7.80	<u>7.80</u>
Trimethyl Amine	7.06	<u>7.06</u>
Triethyl Amine**	16.60	<u>16.60</u>
Diethylenetriamine**	13.03	<u>13.03</u>
Ethanolamine	5.97	<u>5.97</u>
Dimethylaminoethanol	4.76	<u>4.76</u>
Monoisopropanol Amine (1-Amino-2-Propanol)**	13.42	<u>13.42</u>
2-Amino-2-Methyl-1-Propanol**	15.08	<u>15.08</u>
Diethanol Amine	4.05	<u>4.05</u>
Triethanolamine	2.76	<u>2.76</u>
Methyl Pyrrolidone (N-Methyl-2-Pyrrolidone)	2.56	<u>2.56</u>
Morpholine**	15.43	<u>15.43</u>
Nitroethane**	12.79	<u>12.79</u>
Nitromethane**	7.86	<u>7.86</u>
1-Nitropropane**	16.16	<u>16.16</u>
2-Nitropropane**	16.16	<u>16.16</u>
Dexpanthenol (Pantothényl)**	9.35	<u>9.35</u>
Methyl Ethyl Ketoxime (Ethyl Methyl Ketone Oxime)**	22.04	<u>22.04</u>
Hydroxyethylethylene Urea**	14.75	<u>14.75</u>

Methyl Chloride	0.03	<u>0.03</u>
Methylene Chloride (Dichloromethane)	0.07	<u>0.07</u>
Methyl Bromide	0.02	<u>0.02</u>
Chloroform	0.03	<u>0.03</u>
<u>Carbon Tetrachloride*</u>	<u>0.00</u>	<u>0.00</u>
<u>Methylene Bromide*</u>	<u>0.00</u>	<u>0.00</u>
Vinyl Chloride	2.92	<u>2.92</u>
Ethyl Chloride	0.25	<u>0.25</u>
1,1-Dichloroethane	0.10	<u>0.10</u>
1,2-Dichloroethane	0.10	<u>0.10</u>
Ethyl Bromide	0.11	<u>0.11</u>
1,1,1-Trichloroethane	0.00	<u>0.00</u>
1,1,2-Trichloroethane	0.06	<u>0.06</u>
1,2-Dibromoethane	0.05	<u>0.05</u>
n-Propyl Bromide	0.35	<u>0.35</u>
n-Butyl Bromide	0.60	<u>0.60</u>
trans-1,2-Dichloroethene	0.81	<u>0.81</u>
Trichloroethylene	0.60	<u>0.60</u>
Perchloroethylene	0.04	<u>0.04</u>
2 (Chloro Methyl) 3-Chloro-Propene	1.13	<u>1.13</u>
Monochlorobenzene	0.36	<u>0.36</u>
p-Dichlorobenzene	0.20	<u>0.20</u>
Benzotrifluoride	0.26	<u>0.26</u>
PCBTf (p-Trifluoromethyl-CI-Benzene)	0.11	<u>0.11</u>
HFC-134a (1,1,1,2-Tetrafluoroethane)**	0.00	<u>0.00</u>
HFC-152a (1,1-Difluoroethane)**	0.00	<u>0.00</u>
Dimethyl Sulfoxide	6.90	<u>6.90</u>
<u>Unspeciated C6 Alkanes*</u>	<u>1.48</u>	<u>1.48</u>
<u>Unspeciated C7 Alkanes*</u>	<u>1.79</u>	<u>1.79</u>
<u>Unspeciated C8 Alkanes*</u>	<u>1.64</u>	<u>1.64</u>
<u>Unspeciated C9 Alkanes*</u>	<u>2.13</u>	<u>2.13</u>
<u>Unspeciated C10 Alkanes*</u>	<u>1.16</u>	<u>1.16</u>
<u>Unspeciated C11 Alkanes*</u>	<u>0.90</u>	<u>0.90</u>
<u>Unspeciated C12 Alkanes*</u>	<u>0.81</u>	<u>0.81</u>
<u>Unspeciated C13 Alkanes*</u>	<u>0.73</u>	<u>0.73</u>
<u>Unspeciated C14 Alkanes*</u>	<u>0.67</u>	<u>0.67</u>
<u>Unspeciated C15 Alkanes*</u>	<u>0.61</u>	<u>0.61</u>
<u>Unspeciated C16 Alkanes*</u>	<u>0.55</u>	<u>0.55</u>
<u>Unspeciated C17 Alkanes*</u>	<u>0.52</u>	<u>0.52</u>
<u>Unspeciated C18 Alkanes*</u>	<u>0.49</u>	<u>0.49</u>
<u>Unspeciated C10 Aromatics*</u>	<u>5.48</u>	<u>5.48</u>
<u>Unspeciated C11 Aromatics*</u>	<u>4.96</u>	<u>4.96</u>
<u>Unspeciated C12 Aromatics*</u>	<u>4.53</u>	<u>4.53</u>
Base ROG Mixture	3.71	<u>3.71</u>
Alkane, Mixed—Predominantly (Minimally 94%) C13-14	0.67	<u>0.67</u>
Oxo-Hexyl Acetate	1.03	<u>1.03</u>
Oxo-Heptyl Acetate	0.97	<u>0.97</u>
Oxo-Octyl Acetate	0.96	<u>0.96</u>

Oxo-Nonyl Acetate	0.85	<u>0.85</u>
Oxo-Decyl Acetate	0.83	<u>0.83</u>
Oxo-Dodecyl Acetate	0.72	<u>0.72</u>
Oxo-Tridecyl Acetate	0.67	<u>0.67</u>

	<i>Organic Compound</i>	<i>MIR Value (July 18, 2001)</i>	<i>New MIR Value (Effective Date)</i>
	Alkanes		
1	methane	0.01	0.014
2	ethane	0.31	0.26
3	propane	0.56	0.46
4	cyclopropane	0.10	0.08
5	n-butane	1.33	1.08
6	isobutane	1.35	1.17
7	cyclobutane	1.05	1.12
8	n-pentane	1.54	1.23
9	branched C5 alkane(s)	1.68	1.36
10	neopentane	0.69	0.64
11	isopentane	1.68	1.36
12	cyclopentane	2.69	2.25
13	n-hexane	1.45	1.15
14	branched C6 alkane(s)	1.53	1.23
15	2,2-dimethyl butane	1.33	1.11
16	2,3-dimethyl butane	1.14	0.91
17	2-methyl pentane	1.80	1.41
18	3-methyl pentane	2.07	1.70
19	C6 cycloalkane(s)	1.46	1.16
20	cyclohexane	1.46	1.16
21	isopropyl cyclopropane	1.52	1.15
22	methyl cyclopentane	2.42	2.06
23	unspeciated C6 alkane(s)	1.48	1.27
24	n-heptane	1.28	0.99
25	2,2,3-trimethyl butane	1.32	1.06
26	2,2-dimethyl pentane	1.22	1.05
27	2,3-dimethyl pentane	1.55	1.26
28	2,4-dimethyl pentane	1.65	1.46
29	2-methyl hexane	1.37	1.10
30	3,3-dimethyl pentane	1.32	1.13
31	3-methyl hexane	1.86	1.51
32	3-ethyl pentane*	1.79	1.79
33	branched C7 alkane(s)	1.63	1.39
34	1,1-dimethyl cyclopentane*	1.01	1.01
35	1,2-dimethyl cyclopentane*	1.87	1.87
36	C7 cycloalkane(s)	1.99	1.58
37	1,3-dimethyl cyclopentane	2.15	1.82
38	cycloheptane	2.26	1.83
39	ethyl cyclopentane	2.27	1.89
40	methyl cyclohexane	1.99	1.58
41	unspeciated C7 alkane(s)	1.79	1.28
42	n-octane	1.11	0.82
43	branched C8 alkane(s)	1.57	1.35
44	2,2,3,3-tetramethyl butane	0.44	0.31
45	2,2,4-trimethyl pentane	1.44	1.20
46	2,2-dimethyl hexane	1.13	0.95

47	<u>2,3,4-trimethyl pentane</u>	<u>1.23</u>	<u>0.96</u>
48	<u>2,3-dimethyl hexane</u>	<u>1.34</u>	<u>1.11</u>
49	<u>2,4-dimethyl hexane</u>	<u>1.80</u>	<u>1.62</u>
50	<u>2,5-dimethyl hexane</u>	<u>1.68</u>	<u>1.36</u>
51	<u>2-methyl heptane</u>	<u>1.20</u>	<u>0.99</u>
52	<u>3-methyl heptane</u>	<u>1.35</u>	<u>1.15</u>
53	<u>4-methyl heptane</u>	<u>1.48</u>	<u>1.16</u>
54	<u>2,3,3-trimethyl pentane*</u>	<u>0.95</u>	<u>0.95</u>
55	<u>3,3-dimethyl hexane*</u>	<u>1.16</u>	<u>1.16</u>
56	<u>2,2,3-trimethyl pentane*</u>	<u>1.15</u>	<u>1.15</u>
57	<u>3,4-dimethyl hexane*</u>	<u>1.41</u>	<u>1.41</u>
58	<u>3-ethyl 2-methyl pentane*</u>	<u>1.25</u>	<u>1.25</u>
59	<u>C8 bicycloalkane(s)</u>	<u>1.75</u>	<u>1.41</u>
60	<u>1,1,2-trimethyl cyclopentane*</u>	<u>1.04</u>	<u>1.04</u>
61	<u>1,1,3-trimethyl cyclopentane*</u>	<u>0.94</u>	<u>0.94</u>
62	<u>1,1-dimethyl cyclohexane*</u>	<u>1.13</u>	<u>1.13</u>
63	<u>1,2,3-trimethyl cyclopentane*</u>	<u>1.52</u>	<u>1.52</u>
64	<u>1,2,4-trimethyl cyclopentane*</u>	<u>1.43</u>	<u>1.43</u>
65	<u>1-methyl-3-ethyl cyclopentane*</u>	<u>1.53</u>	<u>1.53</u>
66	<u>1,2-dimethyl cyclohexane*</u>	<u>1.30</u>	<u>1.30</u>
67	<u>1,4-dimethyl cyclohexane*</u>	<u>1.51</u>	<u>1.51</u>
68	<u>C8 cycloalkane(s)</u>	<u>1.75</u>	<u>1.37</u>
69	<u>1,3-dimethyl cyclohexane</u>	<u>1.72</u>	<u>1.41</u>
70	<u>cyclooctane</u>	<u>1.73</u>	<u>1.35</u>
71	<u>ethyl cyclohexane</u>	<u>1.75</u>	<u>1.37</u>
72	<u>propyl cyclopentane</u>	<u>1.91</u>	<u>1.57</u>
73	<u>unspeciated C8 alkane(s)</u>	<u>1.64</u>	<u>1.19</u>
74	<u>n-nonane</u>	<u>0.95</u>	<u>0.71</u>
75	<u>branched C9 alkane(s)</u>	<u>1.25</u>	<u>1.05</u>
76	<u>2,2,5-trimethyl hexane</u>	<u>1.33</u>	<u>1.06</u>
77	<u>2,3,5-trimethyl hexane</u>	<u>1.33</u>	<u>1.14</u>
78	<u>2,4-dimethyl heptane</u>	<u>1.48</u>	<u>1.29</u>
79	<u>2-methyl octane</u>	<u>0.96</u>	<u>0.75</u>
80	<u>3,3-diethyl pentane</u>	<u>1.35</u>	<u>1.14</u>
81	<u>3,5-dimethyl heptane</u>	<u>1.63</u>	<u>1.45</u>
82	<u>4-ethyl heptane</u>	<u>1.44</u>	<u>1.13</u>
83	<u>4-methyl octane</u>	<u>1.08</u>	<u>0.87</u>
84	<u>2,4,4-trimethyl hexane*</u>	<u>1.26</u>	<u>1.26</u>
85	<u>3,3-dimethyl heptane*</u>	<u>1.05</u>	<u>1.05</u>
86	<u>4,4-dimethyl heptane*</u>	<u>1.19</u>	<u>1.19</u>
87	<u>2,2-dimethyl heptane*</u>	<u>0.93</u>	<u>0.93</u>
88	<u>2,2,4-trimethyl hexane*</u>	<u>1.19</u>	<u>1.19</u>
89	<u>2,6-dimethyl heptane*</u>	<u>0.96</u>	<u>0.96</u>
90	<u>2,3-dimethyl heptane*</u>	<u>1.01</u>	<u>1.01</u>
91	<u>2,5-dimethyl heptane*</u>	<u>1.25</u>	<u>1.25</u>
92	<u>3-methyl octane*</u>	<u>0.91</u>	<u>0.91</u>
93	<u>3,4-dimethyl heptane*</u>	<u>1.15</u>	<u>1.15</u>
94	<u>3-ethyl heptane*</u>	<u>1.01</u>	<u>1.01</u>
95	<u>cis-hydrindane; bicyclo[4.3.0]nonane*</u>	<u>1.20</u>	<u>1.20</u>
96	<u>C9 bicycloalkane(s)</u>	<u>1.57</u>	<u>1.28</u>

97	<u>1,2,3-trimethyl cyclohexane*</u>	<u>1.12</u>	<u>1.12</u>
98	<u>1,3,5-trimethyl cyclohexane*</u>	<u>1.06</u>	<u>1.06</u>
99	<u>1,1,3-trimethyl cyclohexane</u>	<u>1.37</u>	<u>1.11</u>
100	<u>1-ethyl-4-methyl cyclohexane</u>	<u>1.62</u>	<u>1.33</u>
101	<u>propyl cyclohexane</u>	<u>1.47</u>	<u>1.19</u>
102	<u>C9 cycloalkane(s)</u>	<u>1.55</u>	<u>1.26</u>
103	<u>unspeciated C9 alkane(s)</u>	<u>2.13</u>	<u>0.99</u>
104	<u>n-decane; n-C10</u>	<u>0.83</u>	<u>0.62</u>
105	<u>branched C10 alkane(s)</u>	<u>1.09</u>	<u>0.86</u>
106	<u>2,4,6-trimethyl heptane*</u>	<u>1.20</u>	<u>1.20</u>
107	<u>2,4-dimethyl octane</u>	<u>1.09</u>	<u>0.95</u>
108	<u>2,6-dimethyl octane</u>	<u>1.27</u>	<u>1.00</u>
109	<u>2-methyl nonane</u>	<u>0.86</u>	<u>0.65</u>
110	<u>3,4-diethyl hexane</u>	<u>1.20</u>	<u>0.83</u>
111	<u>3-methyl nonane</u>	<u>0.89</u>	<u>0.68</u>
112	<u>4-methyl nonane</u>	<u>0.99</u>	<u>0.78</u>
113	<u>4-propyl heptane</u>	<u>1.24</u>	<u>0.94</u>
114	<u>2,4,4-trimethyl heptane*</u>	<u>1.23</u>	<u>1.23</u>
115	<u>2,5,5-trimethyl heptane*</u>	<u>1.17</u>	<u>1.17</u>
116	<u>3,3-dimethyl octane*</u>	<u>1.01</u>	<u>1.01</u>
117	<u>4,4-dimethyl octane*</u>	<u>1.06</u>	<u>1.06</u>
118	<u>2,2-dimethyl octane*</u>	<u>0.77</u>	<u>0.77</u>
119	<u>2,2,4-trimethyl heptane*</u>	<u>1.09</u>	<u>1.09</u>
120	<u>2,2,5-trimethyl heptane*</u>	<u>1.18</u>	<u>1.18</u>
121	<u>2,3,6-trimethyl heptane*</u>	<u>0.82</u>	<u>0.82</u>
122	<u>2,3-dimethyl octane*</u>	<u>0.79</u>	<u>0.79</u>
123	<u>2,5-dimethyl octane*</u>	<u>0.94</u>	<u>0.94</u>
124	<u>2-methyl-3-ethyl heptane*</u>	<u>0.91</u>	<u>0.91</u>
125	<u>4-ethyl octane*</u>	<u>0.71</u>	<u>0.71</u>
126	<u>C10 bicycloalkane(s)</u>	<u>1.29</u>	<u>1.00</u>
127	<u>isobutyl cyclohexane; (2-methylpropyl) cyclohexane*</u>	<u>0.90</u>	<u>0.90</u>
128	<u>sec-butyl cyclohexane*</u>	<u>0.90</u>	<u>0.90</u>
129	<u>C10 cycloalkane(s)</u>	<u>1.27</u>	<u>0.99</u>
130	<u>1,3-diethyl cyclohexane</u>	<u>1.34</u>	<u>1.16</u>
131	<u>1,4-diethyl cyclohexane</u>	<u>1.49</u>	<u>1.14</u>
132	<u>1-methyl-3-isopropyl cyclohexane</u>	<u>1.26</u>	<u>0.92</u>
133	<u>butyl cyclohexane</u>	<u>1.07</u>	<u>0.90</u>
134	<u>unspeciated C10 alkane(s)</u>	<u>1.16</u>	<u>0.82</u>
135	<u>n-undecane; n-C11</u>	<u>0.74</u>	<u>0.55</u>
136	<u>branched C11 alkane(s)</u>	<u>0.87</u>	<u>0.66</u>
137	<u>2,3,4,6-tetramethyl heptane</u>	<u>1.26</u>	<u>1.03</u>
138	<u>2,6-dimethyl nonane</u>	<u>0.95</u>	<u>0.72</u>
139	<u>3,5-diethyl heptane</u>	<u>1.21</u>	<u>1.02</u>
140	<u>3-methyl decane</u>	<u>0.77</u>	<u>0.58</u>
141	<u>4-methyl decane</u>	<u>0.80</u>	<u>0.61</u>
142	<u>C11 bicycloalkane(s)</u>	<u>1.01</u>	<u>0.83</u>
143	<u>C11 cycloalkane(s)</u>	<u>0.99</u>	<u>0.82</u>
144	<u>1,3-diethyl-5-methyl cyclohexane</u>	<u>1.11</u>	<u>0.96</u>
145	<u>1-ethyl-2-propyl cyclohexane</u>	<u>0.95</u>	<u>0.73</u>
146	<u>pentyl cyclohexane</u>	<u>0.91</u>	<u>0.77</u>

147	<u>unspeciated C11 alkane(s)</u>	<u>0.90</u>	<u>0.67</u>
148	<u>n-dodecane; n-C12</u>	<u>0.66</u>	<u>0.50</u>
149	<u>branched C12 alkane(s)</u>	<u>0.80</u>	<u>0.56</u>
150	<u>2,3,5,7-tetramethyl octane</u>	<u>1.06</u>	<u>0.84</u>
151	<u>2,6-diethyl octane</u>	<u>1.09</u>	<u>0.89</u>
152	<u>3,6-dimethyl decane</u>	<u>0.88</u>	<u>0.62</u>
153	<u>3-methyl undecane</u>	<u>0.70</u>	<u>0.53</u>
154	<u>5-methyl undecane</u>	<u>0.72</u>	<u>0.49</u>
155	<u>C12 tricycloalkane(s)*</u>	<u>0.74</u>	<u>0.74</u>
156	<u>C12 bicycloalkane(s)</u>	<u>0.88</u>	<u>0.73</u>
157	<u>C12 cycloalkane(s)</u>	<u>0.87</u>	<u>0.72</u>
158	<u>1,3,5-triethyl cyclohexane</u>	<u>1.06</u>	<u>0.94</u>
159	<u>1-methyl-4-pentyl cyclohexane</u>	<u>0.81</u>	<u>0.65</u>
160	<u>hexyl cyclohexane</u>	<u>0.75</u>	<u>0.57</u>
161	<u>unspeciated C12 alkane(s)</u>	<u>0.81</u>	<u>0.61</u>
162	<u>n-tridecane; n-C-13</u>	<u>0.62</u>	<u>0.47</u>
163	<u>branched C13 alkane(s)</u>	<u>0.73</u>	<u>0.54</u>
164	<u>2,3,6-trimethyl 4-isopropyl heptane</u>	<u>1.24</u>	<u>0.85</u>
165	<u>2,4,6,8-tetramethyl nonane</u>	<u>0.94</u>	<u>0.69</u>
166	<u>3,6-dimethyl undecane</u>	<u>0.82</u>	<u>0.62</u>
167	<u>3,7-diethyl nonane</u>	<u>1.08</u>	<u>0.81</u>
168	<u>3-methyl dodecane</u>	<u>0.64</u>	<u>0.49</u>
169	<u>5-methyl dodecane</u>	<u>0.64</u>	<u>0.41</u>
170	<u>C13 tricycloalkane(s)*</u>	<u>0.64</u>	<u>0.64</u>
171	<u>C13 bicycloalkane(s)</u>	<u>0.79</u>	<u>0.64</u>
172	<u>C13 cycloalkane(s)</u>	<u>0.78</u>	<u>0.63</u>
173	<u>1,3-diethyl-5-propyl cyclohexane</u>	<u>0.96</u>	<u>0.89</u>
174	<u>1-methyl-2-hexyl cyclohexane</u>	<u>0.70</u>	<u>0.52</u>
175	<u>heptyl cyclohexane</u>	<u>0.66</u>	<u>0.49</u>
176	<u>unspeciated C13 alkane(s)</u>	<u>0.73</u>	<u>0.56</u>
177	<u>n-tetradecane; n-C14</u>	<u>0.58</u>	<u>0.46</u>
178	<u>branched C14 alkane(s)</u>	<u>0.67</u>	<u>0.49</u>
179	<u>2,4,5,6,8-pentamethyl nonane</u>	<u>1.11</u>	<u>0.87</u>
180	<u>2-methyl 3,5-diisopropyl heptane</u>	<u>0.78</u>	<u>0.49</u>
181	<u>3,7-dimethyl dodecane</u>	<u>0.74</u>	<u>0.56</u>
182	<u>3,8-diethyl decane</u>	<u>0.68</u>	<u>0.53</u>
183	<u>3-methyl tridecane</u>	<u>0.57</u>	<u>0.45</u>
184	<u>6-methyl tridecane</u>	<u>0.62</u>	<u>0.40</u>
185	<u>C14 tricycloalkane(s)*</u>	<u>0.60</u>	<u>0.60</u>
186	<u>C14 bicycloalkane(s)</u>	<u>0.71</u>	<u>0.59</u>
187	<u>C14 cycloalkane(s)</u>	<u>0.71</u>	<u>0.59</u>
188	<u>1,3-dipropyl-5-ethyl cyclohexane</u>	<u>0.94</u>	<u>0.84</u>
189	<u>trans-1-methyl-4-heptyl cyclohexane</u>	<u>0.58</u>	<u>0.47</u>
190	<u>octyl cyclohexane</u>	<u>0.60</u>	<u>0.45</u>
191	<u>unspeciated C14 alkane(s)</u>	<u>0.67</u>	<u>0.52</u>
192	<u>n-pentadecane; n-C15</u>	<u>0.53</u>	<u>0.44</u>
193	<u>branched C15 alkane(s)</u>	<u>0.60</u>	<u>0.45</u>
194	<u>2,6,8-trimethyl 4-isopropyl nonane</u>	<u>0.76</u>	<u>0.57</u>
195	<u>3,7-dimethyl tridecane</u>	<u>0.64</u>	<u>0.50</u>
196	<u>3,9-diethyl undecane</u>	<u>0.62</u>	<u>0.46</u>

197	<u>3-methyl tetradecane</u>	<u>0.53</u>	<u>0.43</u>
198	<u>6-methyl tetradecane</u>	<u>0.57</u>	<u>0.37</u>
199	<u>C15 tricycloalkane(s)*</u>	<u>0.56</u>	<u>0.56</u>
200	<u>C15 bicycloalkane(s)</u>	<u>0.69</u>	<u>0.56</u>
201	<u>C15 cycloalkane(s)</u>	<u>0.68</u>	<u>0.55</u>
202	<u>1,3,5-tripropyl cyclohexane</u>	<u>0.90</u>	<u>0.81</u>
203	<u>1-methyl-2-octyl cyclohexane</u>	<u>0.60</u>	<u>0.45</u>
204	<u>nonyl cyclohexane</u>	<u>0.54</u>	<u>0.41</u>
205	<u>1,3-diethyl-5-pentyl cyclohexane</u>	<u>0.99</u>	<u>0.61</u>
206	<u>unspeciated C15 alkane(s)</u>	<u>0.61</u>	<u>0.49</u>
207	<u>n-hexadecane; n-C16</u>	<u>0.52</u>	<u>0.39</u>
208	<u>branched C16 alkane(s)</u>	<u>0.54</u>	<u>0.42</u>
209	<u>2,7-dimethyl 3,5-diisopropyl heptane</u>	<u>0.69</u>	<u>0.47</u>
210	<u>3-methyl pentadecane</u>	<u>0.50</u>	<u>0.41</u>
211	<u>4,8-dimethyl tetradecane</u>	<u>0.55</u>	<u>0.44</u>
212	<u>7-methyl pentadecane</u>	<u>0.51</u>	<u>0.40</u>
213	<u>C16 tricycloalkane(s)*</u>	<u>0.53</u>	<u>0.53</u>
214	<u>C16 bicycloalkane(s)*</u>	<u>0.52</u>	<u>0.52</u>
215	<u>C16 cycloalkane(s)</u>	<u>0.61</u>	<u>0.49</u>
216	<u>1,3-propyl-5-butyl cyclohexane</u>	<u>0.77</u>	<u>0.69</u>
217	<u>1-methyl-4-nonyl cyclohexane</u>	<u>0.55</u>	<u>0.41</u>
218	<u>decyl cyclohexane</u>	<u>0.50</u>	<u>0.38</u>
219	<u>unspeciated C16 alkane(s)</u>	<u>0.55</u>	<u>0.45</u>
220	<u>n-heptadecane; n-C17</u>	<u>0.49</u>	<u>0.37</u>
221	<u>branched C17 alkane(s)</u>	<u>0.51</u>	<u>0.40</u>
222	<u>C17 tricycloalkane(s)*</u>	<u>0.50</u>	<u>0.50</u>
223	<u>C17 bicycloalkane(s)*</u>	<u>0.49</u>	<u>0.49</u>
224	<u>C17 cycloalkane(s)*</u>	<u>0.46</u>	<u>0.46</u>
225	<u>unspeciated C17 alkane(s)</u>	<u>0.52</u>	<u>0.43</u>
226	<u>n-octadecane; n-C18</u>	<u>0.44</u>	<u>0.35</u>
227	<u>branched C18 alkane(s)</u>	<u>0.48</u>	<u>0.37</u>
228	<u>C18 tricycloalkane(s)*</u>	<u>0.47</u>	<u>0.47</u>
229	<u>C18 bicycloalkane(s)*</u>	<u>0.46</u>	<u>0.46</u>
230	<u>C18 cycloalkane(s)*</u>	<u>0.44</u>	<u>0.44</u>
231	<u>unspeciated C18 alkane(s)</u>	<u>0.49</u>	<u>0.40</u>
232	<u>n-nonadecane; n-C19</u>	<u>0.44</u>	<u>0.33</u>
233	<u>branched C19 alkane(s)*</u>	<u>0.35</u>	<u>0.35</u>
234	<u>C19 tricycloalkane(s)*</u>	<u>0.44</u>	<u>0.44</u>
235	<u>C19 bicycloalkane(s)*</u>	<u>0.44</u>	<u>0.44</u>
236	<u>C19 cycloalkane(s)*</u>	<u>0.42</u>	<u>0.42</u>
237	<u>n-eicosane; icosane; n-C20</u>	<u>0.42</u>	<u>0.31</u>
238	<u>branched C20 alkane(s)*</u>	<u>0.34</u>	<u>0.34</u>
239	<u>C20 tricycloalkane(s)*</u>	<u>0.42</u>	<u>0.42</u>
240	<u>C20 bicycloalkane(s)*</u>	<u>0.42</u>	<u>0.42</u>
241	<u>C20 cycloalkane(s)*</u>	<u>0.39</u>	<u>0.39</u>
242	<u>n-henicosane; n-C21</u>	<u>0.40</u>	<u>0.30</u>
243	<u>branched C21 alkane(s)*</u>	<u>0.32</u>	<u>0.32</u>
244	<u>C21 tricycloalkane(s)*</u>	<u>0.40</u>	<u>0.40</u>
245	<u>C21 bicycloalkane(s)*</u>	<u>0.40</u>	<u>0.40</u>
246	<u>C21 cycloalkane(s)*</u>	<u>0.38</u>	<u>0.38</u>

247	<u>n-docosane, n-C22</u>	<u>0.38</u>	<u>0.29</u>
248	<u>branched C22 alkane(s)*</u>	<u>0.31</u>	<u>0.31</u>
249	<u>C22 tricycloalkane(s)*</u>	<u>0.38</u>	<u>0.38</u>
250	<u>C22 bicycloalkane(s)*</u>	<u>0.38</u>	<u>0.38</u>
251	<u>C22 cycloalkane(s)*</u>	<u>0.36</u>	<u>0.36</u>
	<u>Alkenes</u>		
252	<u>ethene</u>	<u>9.08</u>	<u>8.76</u>
253	<u>propene</u>	<u>11.58</u>	<u>11.37</u>
254	<u>1,2-propadiene; allene*</u>	<u>8.11</u>	<u>8.11</u>
255	<u>1-butene</u>	<u>10.29</u>	<u>9.42</u>
256	<u>C4 terminal alkenes</u>	<u>10.29</u>	<u>9.42</u>
257	<u>isobutene</u>	<u>6.35</u>	<u>6.14</u>
258	<u>cis-2-butene</u>	<u>13.22</u>	<u>13.89</u>
259	<u>trans-2-butene</u>	<u>13.91</u>	<u>14.79</u>
260	<u>C4 internal alkenes</u>	<u>13.57</u>	<u>14.34</u>
261	<u>1,2-butadiene*</u>	<u>9.03</u>	<u>9.03</u>
262	<u>1,3-butadiene</u>	<u>13.58</u>	<u>12.21</u>
263	<u>C4 alkenes</u>	<u>11.93</u>	<u>11.88</u>
264	<u>1-pentene</u>	<u>7.79</u>	<u>6.97</u>
265	<u>3-methyl-1-butene</u>	<u>6.99</u>	<u>6.76</u>
266	<u>C5 terminal alkenes</u>	<u>7.79</u>	<u>6.97</u>
267	<u>2-methyl-1-butene</u>	<u>6.51</u>	<u>6.23</u>
268	<u>2-methyl-2-butene</u>	<u>14.45</u>	<u>13.72</u>
269	<u>cis-2-pentene</u>	<u>10.24</u>	<u>10.07</u>
270	<u>trans-2-pentene</u>	<u>10.23</u>	<u>10.25</u>
271	<u>2-pentenenes</u>	<u>10.23</u>	<u>10.16</u>
272	<u>C5 internal alkenes</u>	<u>10.23</u>	<u>10.16</u>
273	<u>cyclopentene</u>	<u>7.38</u>	<u>6.55</u>
274	<u>trans-1,3-pentadiene*</u>	<u>12.10</u>	<u>12.10</u>
275	<u>cis-1,3-pentadiene*</u>	<u>12.10</u>	<u>12.10</u>
276	<u>1,4-pentadiene*</u>	<u>8.92</u>	<u>8.92</u>
277	<u>1,2-pentadiene*</u>	<u>7.59</u>	<u>7.59</u>
278	<u>3-methyl-1,2-butadiene*</u>	<u>9.95</u>	<u>9.95</u>
279	<u>isoprene; 2-methyl-1,3-butadiene</u>	<u>10.69</u>	<u>10.28</u>
280	<u>cyclopentadiene</u>	<u>7.61</u>	<u>6.75</u>
281	<u>C5 alkenes</u>	<u>9.01</u>	<u>8.57</u>
282	<u>1-hexene</u>	<u>6.17</u>	<u>5.28</u>
283	<u>3,3-dimethyl-1-butene</u>	<u>6.06</u>	<u>5.61</u>
284	<u>3-methyl-1-pentene</u>	<u>6.22</u>	<u>5.93</u>
285	<u>4-methyl-1-pentene</u>	<u>6.26</u>	<u>5.48</u>
286	<u>C6 terminal alkenes</u>	<u>6.17</u>	<u>5.28</u>
287	<u>2,3-dimethyl-1-butene</u>	<u>4.77</u>	<u>4.61</u>
288	<u>2-ethyl-1-butene</u>	<u>5.04</u>	<u>4.93</u>
289	<u>2-methyl-1-pentene</u>	<u>5.18</u>	<u>5.12</u>
290	<u>2,3-dimethyl-2-butene</u>	<u>13.32</u>	<u>12.13</u>
291	<u>2-methyl-2-pentene</u>	<u>12.28</u>	<u>10.70</u>
292	<u>cis 4-methyl-2-pentene*</u>	<u>7.88</u>	<u>7.88</u>
293	<u>cis-2-hexene</u>	<u>8.44</u>	<u>8.06</u>
294	<u>cis-3-hexene</u>	<u>8.22</u>	<u>7.33</u>
295	<u>cis-3-methyl-2-pentene</u>	<u>12.84</u>	<u>12.15</u>

296	<u>trans-3-methyl-2-pentene*</u>	<u>14.17</u>	<u>12.81</u>
297	<u>trans-4-methyl-2-pentene*</u>	<u>7.88</u>	<u>7.88</u>
298	<u>trans-2-hexene</u>	<u>8.44</u>	<u>8.37</u>
299	<u>trans-3-hexene</u>	<u>8.16</u>	<u>7.30</u>
300	<u>2-hexenes</u>	<u>8.44</u>	<u>8.21</u>
301	<u>C6 internal alkenes</u>	<u>8.44</u>	<u>8.21</u>
302	<u>3-methyl cyclopentene*</u>	<u>4.92</u>	<u>4.92</u>
303	<u>1-methyl cyclopentene</u>	<u>13.95</u>	<u>12.11</u>
304	<u>cyclohexene</u>	<u>5.45</u>	<u>4.81</u>
305	<u>trans,trans-2,4-hexadiene*</u>	<u>8.57</u>	<u>8.57</u>
306	<u>trans-1,3-hexadiene*</u>	<u>10.03</u>	<u>10.03</u>
307	<u>trans-1,4-hexadiene*</u>	<u>8.36</u>	<u>8.36</u>
308	<u>C6 cyclic olefins or di-olefins</u>	<u>8.65</u>	<u>8.41</u>
309	<u>C6 alkenes</u>	<u>6.88</u>	<u>6.75</u>
310	<u>trans-4-methyl-2-hexene</u>	<u>7.88</u>	<u>6.96</u>
311	<u>trans-3-methyl-2-hexene</u>	<u>14.17</u>	<u>9.80</u>
312	<u>2,3-dimethyl-2-hexene</u>	<u>10.41</u>	<u>8.28</u>
313	<u>1-heptene</u>	<u>4.20</u>	<u>4.25</u>
314	<u>3,4-dimethyl-1-pentene*</u>	<u>4.66</u>	<u>4.66</u>
315	<u>3-methyl-1-hexene*</u>	<u>4.24</u>	<u>4.24</u>
316	<u>2,4-dimethyl-1-pentene*</u>	<u>5.81</u>	<u>5.81</u>
317	<u>2,3-dimethyl-1-pentene*</u>	<u>4.97</u>	<u>4.97</u>
318	<u>3,3-dimethyl-1-pentene*</u>	<u>4.71</u>	<u>4.71</u>
319	<u>2-methyl-1-hexene*</u>	<u>4.92</u>	<u>4.92</u>
320	<u>2,3,3-trimethyl-1-butene</u>	<u>4.62</u>	<u>4.33</u>
321	<u>C7 terminal alkenes</u>	<u>4.20</u>	<u>4.25</u>
322	<u>4,4-dimethyl-cis-2-pentene*</u>	<u>6.45</u>	<u>6.45</u>
323	<u>2,4-dimethyl-2-pentene*</u>	<u>9.03</u>	<u>9.03</u>
324	<u>2-methyl-2-hexene*</u>	<u>9.22</u>	<u>9.22</u>
325	<u>3-ethyl-2-pentene*</u>	<u>9.49</u>	<u>9.49</u>
326	<u>3-methyl-trans-3-hexene*</u>	<u>9.44</u>	<u>9.44</u>
327	<u>cis-2-heptene*</u>	<u>6.94</u>	<u>6.94</u>
328	<u>2-methyl-trans-3-hexene*</u>	<u>6.03</u>	<u>6.03</u>
329	<u>3-methyl-cis-3-hexene*</u>	<u>9.44</u>	<u>9.44</u>
330	<u>3,4-dimethyl-cis-2-pentene*</u>	<u>8.91</u>	<u>8.91</u>
331	<u>2,3-dimethyl-2-pentene*</u>	<u>10.41</u>	<u>9.45</u>
332	<u>cis-3-heptene</u>	<u>6.96</u>	<u>6.10</u>
333	<u>trans-4,4-dimethyl-2-pentene</u>	<u>6.99</u>	<u>6.45</u>
334	<u>trans-2-heptene</u>	<u>7.33</u>	<u>6.92</u>
335	<u>trans-3-heptene</u>	<u>6.96</u>	<u>6.09</u>
336	<u>cis-3-methyl-2-hexene</u>	<u>13.38</u>	<u>9.80</u>
337	<u>2-heptenes</u>	<u>6.96</u>	<u>6.09</u>
338	<u>C7 internal alkenes</u>	<u>6.96</u>	<u>6.09</u>
339	<u>1-methyl cyclohexene</u>	<u>7.81</u>	<u>6.41</u>
340	<u>4-methyl cyclohexene</u>	<u>4.48</u>	<u>4.02</u>
341	<u>C7 cyclic olefins or di-olefins</u>	<u>7.49</u>	<u>7.07</u>
342	<u>C7 alkenes</u>	<u>5.76</u>	<u>5.17</u>
343	<u>1-octene</u>	<u>3.45</u>	<u>3.12</u>
344	<u>C8 terminal alkenes</u>	<u>3.45</u>	<u>3.12</u>
345	<u>2,4,4-trimethyl-1-pentene*</u>	<u>3.24</u>	<u>3.24</u>

346	<u>3-methyl-2-isopropyl-1-butene</u>	<u>3.29</u>	<u>3.17</u>
347	<u>trans-2-octene*</u>	<u>5.81</u>	<u>5.81</u>
348	<u>2-methyl-2-heptene*</u>	<u>8.10</u>	<u>8.10</u>
349	<u>cis-4-octene</u>	<u>5.94</u>	<u>4.55</u>
350	<u>trans-2,2-dimethyl 3-hexene</u>	<u>5.97</u>	<u>4.81</u>
351	<u>trans-2,5-dimethyl 3-hexene</u>	<u>5.44</u>	<u>4.63</u>
352	<u>trans-3-octene</u>	<u>6.13</u>	<u>5.14</u>
353	<u>trans-4-octene</u>	<u>5.90</u>	<u>4.63</u>
354	<u>3-octenes</u>	<u>6.13</u>	<u>5.14</u>
355	<u>C8 internal alkenes</u>	<u>5.90</u>	<u>4.63</u>
356	<u>2,4,4-trimethyl-2-pentene</u>	<u>8.52</u>	<u>6.13</u>
357	<u>1,2-dimethyl cyclohexene</u>	<u>6.77</u>	<u>5.43</u>
358	<u>C8 cyclic olefins or di-olefins</u>	<u>6.01</u>	<u>4.71</u>
359	<u>C8 alkenes</u>	<u>4.68</u>	<u>3.88</u>
360	<u>1-nonene</u>	<u>2.76</u>	<u>2.48</u>
361	<u>C9 terminal alkenes</u>	<u>2.76</u>	<u>2.48</u>
362	<u>4,4-dimethyl-1-pentene*</u>	<u>3.00</u>	<u>3.00</u>
363	<u>4-nonene*</u>	<u>4.37</u>	<u>4.37</u>
364	<u>3-nonenes</u>	<u>5.31</u>	<u>4.37</u>
365	<u>C9 internal alkenes</u>	<u>5.31</u>	<u>4.37</u>
366	<u>trans-4-nonene</u>	<u>5.23</u>	<u>4.37</u>
367	<u>C9 cyclic olefins or di-olefins</u>	<u>5.40</u>	<u>4.44</u>
368	<u>C9 alkenes</u>	<u>4.03</u>	<u>3.43</u>
369	<u>1-decene</u>	<u>2.28</u>	<u>2.07</u>
370	<u>C10 terminal alkenes</u>	<u>2.28</u>	<u>2.07</u>
371	<u>3,4-diethyl-2-hexene</u>	<u>3.95</u>	<u>3.25</u>
372	<u>cis-5-decene</u>	<u>4.89</u>	<u>3.52</u>
373	<u>trans-4-decene</u>	<u>4.50</u>	<u>3.72</u>
374	<u>C10 3-alkenes</u>	<u>4.50</u>	<u>3.72</u>
375	<u>C10 internal alkenes</u>	<u>4.50</u>	<u>3.72</u>
376	<u>C10 cyclic olefins or di-olefins</u>	<u>4.56</u>	<u>3.78</u>
377	<u>3-carene</u>	<u>3.21</u>	<u>3.13</u>
378	<u>α-pinene</u>	<u>4.29</u>	<u>4.38</u>
379	<u>β-pinene</u>	<u>3.28</u>	<u>3.38</u>
380	<u>α-limonene</u>	<u>3.99</u>	<u>4.40</u>
381	<u>sabinene</u>	<u>3.67</u>	<u>4.01</u>
382	<u>terpinolene*</u>	<u>6.16</u>	<u>6.16</u>
383	<u>camphene*</u>	<u>4.38</u>	<u>4.38</u>
384	<u>terpene (monoterpenes)</u>	<u>3.79</u>	<u>3.91</u>
385	<u>C10 alkenes</u>	<u>3.39</u>	<u>3.17</u>
386	<u>1-undecene</u>	<u>1.95</u>	<u>1.78</u>
387	<u>C11 terminal alkenes</u>	<u>1.95</u>	<u>1.78</u>
388	<u>trans-5-undecene</u>	<u>4.23</u>	<u>3.46</u>
389	<u>C11 3-alkenes</u>	<u>4.23</u>	<u>3.46</u>
390	<u>C11 internal alkenes</u>	<u>4.23</u>	<u>3.46</u>
391	<u>C11 cyclic olefins or di-olefins</u>	<u>4.29</u>	<u>3.50</u>
392	<u>C11 alkenes</u>	<u>3.09</u>	<u>2.62</u>
393	<u>C12 terminal alkenes</u>	<u>1.72</u>	<u>1.56</u>
394	<u>1-dodecene</u>	<u>1.72</u>	<u>1.56</u>
395	<u>C12 2-alkenes</u>	<u>3.75</u>	<u>3.02</u>

396	<u>C12 3-alkenes</u>	<u>3.75</u>	<u>3.02</u>
397	<u>C12 internal alkenes</u>	<u>3.75</u>	<u>3.02</u>
398	<u>trans-5-dodecene</u>	<u>3.74</u>	<u>3.02</u>
399	<u>C12 cyclic olefins or di-olefins</u>	<u>3.79</u>	<u>3.05</u>
400	<u>C12 alkenes</u>	<u>2.73</u>	<u>2.29</u>
401	<u>1-tridecene</u>	<u>1.55</u>	<u>1.41</u>
402	<u>C13 terminal alkenes</u>	<u>1.55</u>	<u>1.41</u>
403	<u>trans-5-tridecene</u>	<u>3.38</u>	<u>2.49</u>
404	<u>C13 3-alkenes</u>	<u>3.38</u>	<u>2.49</u>
405	<u>C13 internal alkenes</u>	<u>3.38</u>	<u>2.49</u>
406	<u>C13 cyclic olefins or di-olefins</u>	<u>3.42</u>	<u>2.51</u>
407	<u>C13 alkenes</u>	<u>2.46</u>	<u>1.95</u>
408	<u>1-tetradecene</u>	<u>1.41</u>	<u>1.27</u>
409	<u>C14 terminal alkenes</u>	<u>1.41</u>	<u>1.27</u>
410	<u>trans-5-tetradecene</u>	<u>3.08</u>	<u>2.26</u>
411	<u>C14 3-alkenes</u>	<u>3.08</u>	<u>2.26</u>
412	<u>C14 internal alkenes</u>	<u>3.08</u>	<u>2.26</u>
413	<u>C14 cyclic olefins or di-olefins</u>	<u>3.11</u>	<u>2.29</u>
414	<u>C14 alkenes</u>	<u>2.28</u>	<u>1.77</u>
415	<u>1-pentadecene</u>	<u>1.27</u>	<u>1.19</u>
416	<u>C15 terminal alkenes</u>	<u>1.27</u>	<u>1.19</u>
417	<u>trans-5-pentadecene</u>	<u>2.82</u>	<u>2.08</u>
418	<u>C15 3-alkenes</u>	<u>2.82</u>	<u>2.08</u>
419	<u>C15 internal alkenes</u>	<u>2.82</u>	<u>2.08</u>
420	<u>C15 cyclic olefins or di-olefins</u>	<u>2.85</u>	<u>2.10</u>
421	<u>C15 alkenes</u>	<u>2.06</u>	<u>1.63</u>
	<u>Aromatic Hydrocarbons</u>		
422	<u>benzene</u>	<u>0.81</u>	<u>0.69</u>
423	<u>toluene</u>	<u>3.97</u>	<u>3.88</u>
424	<u>ethyl benzene</u>	<u>2.79</u>	<u>2.93</u>
425	<u>m-xylene</u>	<u>10.61</u>	<u>9.52</u>
426	<u>o-xylene</u>	<u>7.49</u>	<u>7.44</u>
427	<u>p-xylene</u>	<u>4.25</u>	<u>5.69</u>
428	<u>C8 disubstituted benzenes</u>	<u>7.48</u>	<u>7.57</u>
429	<u>isomers of ethylbenzene</u>	<u>5.16</u>	<u>6.39</u>
430	<u>styrene</u>	<u>1.95</u>	<u>1.65</u>
431	<u>unspeciated C8 aromatics*</u>	<u>7.42</u>	<u>7.42</u>
432	<u>C9 monosubstituted benzenes</u>	<u>2.20</u>	<u>1.95</u>
433	<u>n-propyl benzene</u>	<u>2.20</u>	<u>1.95</u>
434	<u>isopropyl benzene; cumene</u>	<u>2.32</u>	<u>2.43</u>
435	<u>C9 disubstituted benzenes</u>	<u>6.61</u>	<u>5.65</u>
436	<u>m-ethyl toluene</u>	<u>9.37</u>	<u>7.21</u>
437	<u>o-ethyl toluene</u>	<u>6.61</u>	<u>5.43</u>
438	<u>p-ethyl toluene</u>	<u>3.75</u>	<u>4.32</u>
439	<u>C9 trisubstituted benzenes</u>	<u>9.90</u>	<u>10.58</u>
440	<u>1,2,3-trimethyl benzene</u>	<u>11.26</u>	<u>11.66</u>
441	<u>1,2,4-trimethyl benzene</u>	<u>7.18</u>	<u>8.64</u>
442	<u>1,3,5-trimethyl benzene</u>	<u>11.22</u>	<u>11.44</u>
443	<u>isomers of propyl benzene</u>	<u>6.12</u>	<u>6.06</u>
444	<u>indene</u>	<u>3.21</u>	<u>1.48</u>

445	<u>indane</u>	<u>3.17</u>	<u>3.20</u>
446	<u>allylbenzene*</u>	<u>1.45</u>	<u>1.45</u>
447	<u>α-methyl styrene</u>	<u>1.72</u>	<u>1.45</u>
448	<u>C9 styrenes</u>	<u>1.72</u>	<u>1.45</u>
449	<u>β-methyl styrene*</u>	<u>0.95</u>	<u>0.95</u>
450	<u>unspeciated C9 aromatics*</u>	<u>7.92</u>	<u>7.92</u>
451	<u>C10 monosubstituted benzenes</u>	<u>1.97</u>	<u>2.27</u>
452	<u>n-butyl benzene</u>	<u>1.97</u>	<u>2.27</u>
453	<u>sec-butyl benzene</u>	<u>1.97</u>	<u>2.27</u>
454	<u>tert-butyl benzene*</u>	<u>1.89</u>	<u>1.89</u>
455	<u>o-cymene; 1-methyl-2-(1-methylethyl) benzene*</u>	<u>5.34</u>	<u>5.34</u>
456	<u>1-methyl-2-n-propyl benzene*</u>	<u>5.34</u>	<u>5.34</u>
457	<u>m-cymene; 1-methyl-3-(1-methylethyl) benzene*</u>	<u>6.92</u>	<u>6.92</u>
458	<u>1-methyl-3-n-propyl benzene*</u>	<u>6.92</u>	<u>6.92</u>
459	<u>1-methyl-4-n-propyl benzene*</u>	<u>4.31</u>	<u>4.31</u>
460	<u>C10 disubstituted benzenes</u>	<u>5.92</u>	<u>5.53</u>
461	<u>m-C10 disubstituted benzenes*</u>	<u>6.92</u>	<u>6.92</u>
462	<u>o-C10 disubstituted benzenes*</u>	<u>5.34</u>	<u>5.34</u>
463	<u>p-C10 disubstituted benzenes*</u>	<u>4.31</u>	<u>4.31</u>
464	<u>m-diethyl benzene</u>	<u>8.39</u>	<u>6.92</u>
465	<u>o-diethyl benzene</u>	<u>5.92</u>	<u>5.34</u>
466	<u>1-methyl-4-isopropyl benzene; p-cymene*</u>	<u>4.32</u>	<u>4.32</u>
467	<u>p-diethyl benzene</u>	<u>3.36</u>	<u>4.31</u>
468	<u>1,2,3-C10 trisubstituted benzenes*</u>	<u>9.89</u>	<u>9.89</u>
469	<u>1,2,4-C10 trisubstituted benzenes*</u>	<u>7.35</u>	<u>7.35</u>
470	<u>1,3,5-C10 trisubstituted benzenes*</u>	<u>9.80</u>	<u>9.80</u>
471	<u>1,2,3,4-tetramethyl benzene*</u>	<u>9.01</u>	<u>9.01</u>
472	<u>1,2,4,5-tetramethyl benzene*</u>	<u>9.01</u>	<u>9.01</u>
473	<u>1,2-dimethyl-3-ethyl benzene*</u>	<u>9.89</u>	<u>9.89</u>
474	<u>1,2-dimethyl-4-ethyl benzene *</u>	<u>7.35</u>	<u>7.35</u>
475	<u>1,3-dimethyl-2-ethyl benzene *</u>	<u>9.89</u>	<u>9.89</u>
476	<u>1,3-dimethyl-4-ethyl benzene*</u>	<u>7.35</u>	<u>7.35</u>
477	<u>1,3-dimethyl-5-ethyl benzene*</u>	<u>9.80</u>	<u>9.80</u>
478	<u>1,4-dimethyl-2-ethyl benzene*</u>	<u>7.35</u>	<u>7.35</u>
479	<u>1,2,3,5-tetramethyl benzene</u>	<u>8.25</u>	<u>9.01</u>
480	<u>C10 trisubstituted benzenes</u>	<u>8.86</u>	<u>9.01</u>
481	<u>C10 tetrasubstituted benzenes</u>	<u>8.86</u>	<u>9.01</u>
482	<u>butylbenzenes</u>	<u>5.48</u>	<u>5.60</u>
483	<u>methyl indanes</u>	<u>2.83</u>	<u>2.86</u>
484	<u>tetralin; 1,2,3,4-tetrahydronaphthalene</u>	<u>2.83</u>	<u>2.86</u>
485	<u>naphthalene</u>	<u>3.26</u>	<u>3.24</u>
486	<u>C10 styrenes</u>	<u>1.53</u>	<u>1.30</u>
487	<u>unspeciated C10 aromatics</u>	<u>5.48</u>	<u>7.03</u>
488	<u>n-pentyl benzene*</u>	<u>2.04</u>	<u>2.04</u>
489	<u>C11 monosubstituted benzenes</u>	<u>1.78</u>	<u>2.04</u>
490	<u>m-C11 disubstituted benzenes*</u>	<u>5.98</u>	<u>5.98</u>
491	<u>o-C11 disubstituted benzenes*</u>	<u>4.60</u>	<u>4.60</u>
492	<u>p-C11 disubstituted benzenes*</u>	<u>3.77</u>	<u>3.77</u>
493	<u>1-butyl-2-methyl benzene*</u>	<u>4.60</u>	<u>4.60</u>
494	<u>1-ethyl-2-n-propyl benzene*</u>	<u>4.60</u>	<u>4.60</u>

495	<u><i>o</i>-tert-butyl toluene; 1-(1,1-dimethylethyl)-2-methyl benzene*</u>	<u>4.60</u>	<u>4.60</u>
496	<u>1-methyl-3-n-butyl benzene*</u>	<u>5.98</u>	<u>5.98</u>
497	<u><i>p</i>-isobutyl toluene; 1-methyl-4-(2-methylpropyl) benzene*</u>	<u>3.77</u>	<u>3.77</u>
498	<u>C11 disubstituted benzenes</u>	<u>5.35</u>	<u>4.79</u>
499	<u>1,2,3-C11 trisubstituted benzenes*</u>	<u>8.64</u>	<u>8.64</u>
500	<u>1,2,4-C11 trisubstituted benzenes*</u>	<u>6.44</u>	<u>6.44</u>
501	<u>1,3,5-C11 trisubstituted benzenes*</u>	<u>8.65</u>	<u>8.65</u>
502	<u>pentamethyl benzene*</u>	<u>7.91</u>	<u>7.91</u>
503	<u>1-methyl-3,5-diethyl benzene*</u>	<u>8.65</u>	<u>8.65</u>
504	<u>C11 trisubstituted benzenes</u>	<u>8.03</u>	<u>7.91</u>
505	<u>C11 tetrasubstituted benzenes</u>	<u>8.03</u>	<u>7.91</u>
506	<u>C11 pentasubstituted benzenes</u>	<u>8.03</u>	<u>7.91</u>
507	<u>pentyl benzenes</u>	<u>4.96</u>	<u>4.75</u>
508	<u>C11 tetralins or indanes</u>	<u>2.56</u>	<u>2.58</u>
509	<u>methyl naphthalenes</u>	<u>4.61</u>	<u>2.96</u>
510	<u>1-methyl naphthalene</u>	<u>4.61</u>	<u>2.96</u>
511	<u>2-methyl naphthalene</u>	<u>4.61</u>	<u>2.96</u>
512	<u>unspeciated C11 aromatics</u>	<u>4.96</u>	<u>6.82</u>
513	<u>C12 monosubstituted benzenes</u>	<u>1.63</u>	<u>1.83</u>
514	<u><i>m</i>-C12 disubstituted benzenes*</u>	<u>5.35</u>	<u>5.35</u>
515	<u><i>o</i>-C12 disubstituted benzenes*</u>	<u>4.11</u>	<u>4.11</u>
516	<u><i>p</i>-C12 disubstituted benzenes*</u>	<u>3.38</u>	<u>3.38</u>
517	<u>1,3-di-n-propyl benzene*</u>	<u>4.11</u>	<u>4.11</u>
518	<u>1,4 di-isopropyl benzene*</u>	<u>3.38</u>	<u>3.38</u>
519	<u>3-isopropyl cumene; 1,3-di-isopropyl benzene*</u>	<u>5.35</u>	<u>5.35</u>
520	<u>C12 disubstituted benzenes</u>	<u>4.90</u>	<u>4.28</u>
521	<u>1,2,3-C12 trisubstituted benzenes*</u>	<u>7.74</u>	<u>7.74</u>
522	<u>1,2,4-C12 trisubstituted benzenes*</u>	<u>5.78</u>	<u>5.78</u>
523	<u>1,3,5-C12 trisubstituted benzenes*</u>	<u>7.79</u>	<u>7.79</u>
524	<u>1-(1,1-dimethylethyl)-3,5-dimethylbenzene*</u>	<u>7.79</u>	<u>7.79</u>
525	<u>C12 trisubstituted benzenes</u>	<u>7.33</u>	<u>7.10</u>
526	<u>C12 tetrasubstituted benzenes</u>	<u>7.33</u>	<u>7.10</u>
527	<u>C12 pentasubstituted benzenes</u>	<u>7.33</u>	<u>7.10</u>
528	<u>C12 hexasubstituted benzenes</u>	<u>7.33</u>	<u>7.10</u>
529	<u>hexyl benzenes</u>	<u>4.53</u>	<u>4.26</u>
530	<u>C12 tetralins or indanes</u>	<u>2.33</u>	<u>2.36</u>
531	<u>1-ethyl naphthalene*</u>	<u>2.69</u>	<u>2.69</u>
532	<u>C12 naphthalenes*</u>	<u>3.76</u>	<u>3.76</u>
533	<u>C12 monosubstituted naphthalene</u>	<u>4.20</u>	<u>2.69</u>
534	<u>C12 disubstituted naphthalenes</u>	<u>5.54</u>	<u>4.84</u>
535	<u>2,3-dimethyl naphthalene</u>	<u>5.54</u>	<u>4.84</u>
536	<u>dimethyl naphthalenes</u>	<u>5.54</u>	<u>4.84</u>
537	<u>unspeciated C12 aromatics</u>	<u>4.53</u>	<u>6.02</u>
538	<u>C13 monosubstituted benzenes</u>	<u>1.50</u>	<u>1.67</u>
539	<u><i>m</i>-C13 disubstituted benzenes*</u>	<u>4.80</u>	<u>4.80</u>
540	<u><i>o</i>-C13 disubstituted benzenes*</u>	<u>3.67</u>	<u>3.67</u>
541	<u><i>p</i>-C13 disubstituted benzenes*</u>	<u>3.03</u>	<u>3.03</u>
542	<u>C13 disubstituted benzenes</u>	<u>4.50</u>	<u>3.84</u>
543	<u>1,2,3-C13 trisubstituted benzenes*</u>	<u>6.94</u>	<u>6.94</u>
544	<u>1,2,4-C13 trisubstituted benzenes*</u>	<u>5.20</u>	<u>5.20</u>

545	<u>1,3,5-C13 trisubstituted benzenes*</u>	<u>7.04</u>	<u>7.04</u>
546	<u>C13 trisubstituted benzenes</u>	<u>6.75</u>	<u>6.39</u>
547	<u>C13 tetralins or indanes*</u>	<u>2.17</u>	<u>2.17</u>
548	<u>C13 naphthalenes*</u>	<u>3.45</u>	<u>3.45</u>
549	<u>C13 monosubstituted naphthalene</u>	<u>3.86</u>	<u>2.47</u>
550	<u>C13 disubstituted naphthalenes</u>	<u>5.08</u>	<u>4.44</u>
551	<u>C13 trisubstituted naphthalenes</u>	<u>5.08</u>	<u>4.44</u>
552	<u>unspeciated C13 aromatics*</u>	<u>4.88</u>	<u>4.88</u>
553	<u>C14 monosubstituted benzenes*</u>	<u>1.53</u>	<u>1.53</u>
554	<u>m-C14 disubstituted benzenes*</u>	<u>4.32</u>	<u>4.32</u>
555	<u>o-C14 disubstituted benzenes*</u>	<u>3.30</u>	<u>3.30</u>
556	<u>p-C14 disubstituted benzenes*</u>	<u>2.75</u>	<u>2.75</u>
557	<u>C14 disubstituted benzenes*</u>	<u>3.46</u>	<u>3.46</u>
558	<u>1,2,3-C14 trisubstituted benzenes*</u>	<u>6.31</u>	<u>6.31</u>
559	<u>1,2,4-C14 trisubstituted benzenes*</u>	<u>4.75</u>	<u>4.75</u>
560	<u>1,3,5-C14 trisubstituted benzenes*</u>	<u>6.44</u>	<u>6.44</u>
561	<u>C14 trisubstituted benzenes*</u>	<u>5.84</u>	<u>5.84</u>
562	<u>C14 tetralins or indanes*</u>	<u>2.01</u>	<u>2.01</u>
563	<u>C14 naphthalenes*</u>	<u>3.19</u>	<u>3.19</u>
564	<u>unspeciated C14 aromatics*</u>	<u>3.93</u>	<u>3.93</u>
565	<u>C15 monosubstituted benzenes*</u>	<u>1.42</u>	<u>1.42</u>
566	<u>C15 disubstituted benzenes*</u>	<u>3.15</u>	<u>3.15</u>
567	<u>m-C15 disubstituted benzenes*</u>	<u>3.93</u>	<u>3.93</u>
568	<u>o-C15 disubstituted benzenes*</u>	<u>3.00</u>	<u>3.00</u>
569	<u>p-C15 disubstituted benzenes*</u>	<u>2.51</u>	<u>2.51</u>
570	<u>C15 trisubstituted benzenes*</u>	<u>5.35</u>	<u>5.35</u>
571	<u>1,2,3-C15 trisubstituted benzenes*</u>	<u>5.77</u>	<u>5.77</u>
572	<u>1,2,4-C15 trisubstituted benzenes*</u>	<u>4.35</u>	<u>4.35</u>
573	<u>1,3,5-C15 trisubstituted benzenes*</u>	<u>5.92</u>	<u>5.92</u>
574	<u>C15 tetralins or indanes*</u>	<u>1.87</u>	<u>1.87</u>
575	<u>C15 naphthalenes*</u>	<u>2.97</u>	<u>2.97</u>
576	<u>unspeciated C15 aromatics*</u>	<u>3.35</u>	<u>3.35</u>
577	<u>C16 monosubstituted benzenes*</u>	<u>1.32</u>	<u>1.32</u>
578	<u>m-C16 disubstituted benzenes*</u>	<u>3.60</u>	<u>3.60</u>
579	<u>o-C16 disubstituted benzenes*</u>	<u>2.74</u>	<u>2.74</u>
580	<u>p-C16 disubstituted benzenes*</u>	<u>2.30</u>	<u>2.30</u>
581	<u>C16 disubstituted benzenes*</u>	<u>2.88</u>	<u>2.88</u>
582	<u>1,2,3-C16 trisubstituted benzenes*</u>	<u>5.31</u>	<u>5.31</u>
583	<u>1,2,4-C16 trisubstituted benzenes*</u>	<u>4.01</u>	<u>4.01</u>
584	<u>1,3,5-C16 trisubstituted benzenes*</u>	<u>5.47</u>	<u>5.47</u>
585	<u>C16 trisubstituted benzenes*</u>	<u>4.93</u>	<u>4.93</u>
586	<u>C16 tetralins or indanes*</u>	<u>1.75</u>	<u>1.75</u>
587	<u>C16 naphthalenes*</u>	<u>2.77</u>	<u>2.77</u>
588	<u>unspeciated C16 aromatics*</u>	<u>2.96</u>	<u>2.96</u>
589	<u>C17 monosubstituted benzenes*</u>	<u>1.24</u>	<u>1.24</u>
590	<u>C17 disubstituted benzenes*</u>	<u>2.71</u>	<u>2.71</u>
591	<u>C17 trisubstituted benzenes*</u>	<u>4.63</u>	<u>4.63</u>
592	<u>C17 tetralins or indanes*</u>	<u>1.64</u>	<u>1.64</u>
593	<u>C17 naphthalenes*</u>	<u>2.60</u>	<u>2.60</u>
594	<u>C18 monosubstituted benzenes*</u>	<u>1.17</u>	<u>1.17</u>

595	<u>C18 disubstituted benzenes*</u>	<u>2.55</u>	<u>2.55</u>
596	<u>C18 trisubstituted benzenes*</u>	<u>4.37</u>	<u>4.37</u>
597	<u>C18 tetralins or indanes*</u>	<u>1.55</u>	<u>1.55</u>
598	<u>C18 naphthalenes*</u>	<u>2.45</u>	<u>2.45</u>
599	<u>C19 monosubstituted benzenes*</u>	<u>1.11</u>	<u>1.11</u>
600	<u>C19 disubstituted benzenes*</u>	<u>2.42</u>	<u>2.42</u>
601	<u>C19 trisubstituted benzenes*</u>	<u>4.13</u>	<u>4.13</u>
602	<u>C19 tetralins or indanes*</u>	<u>1.46</u>	<u>1.46</u>
603	<u>C19 naphthalenes*</u>	<u>2.31</u>	<u>2.31</u>
604	<u>C20 monosubstituted benzenes*</u>	<u>1.05</u>	<u>1.05</u>
605	<u>C20 disubstituted benzenes*</u>	<u>2.29</u>	<u>2.29</u>
606	<u>C20 trisubstituted benzenes*</u>	<u>3.92</u>	<u>3.92</u>
607	<u>C20 tetralins or indanes*</u>	<u>1.39</u>	<u>1.39</u>
608	<u>C20 naphthalenes*</u>	<u>2.19</u>	<u>2.19</u>
609	<u>C21 monosubstituted benzenes*</u>	<u>1.00</u>	<u>1.00</u>
610	<u>C21 disubstituted benzenes*</u>	<u>2.18</u>	<u>2.18</u>
611	<u>C21 trisubstituted benzenes*</u>	<u>3.73</u>	<u>3.73</u>
612	<u>C21 tetralins or indanes*</u>	<u>1.32</u>	<u>1.32</u>
613	<u>C21 naphthalenes*</u>	<u>2.08</u>	<u>2.08</u>
614	<u>C22 monosubstituted benzenes*</u>	<u>0.96</u>	<u>0.96</u>
615	<u>C22 disubstituted benzenes*</u>	<u>2.08</u>	<u>2.08</u>
616	<u>C22 trisubstituted benzenes*</u>	<u>3.56</u>	<u>3.56</u>
617	<u>C22 tetralins or indanes*</u>	<u>1.26</u>	<u>1.26</u>
618	<u>C22 naphthalenes*</u>	<u>1.98</u>	<u>1.98</u>
	<u>Oxygenated Organics</u>		
619	<u>carbon monoxide</u>	<u>0.06</u>	<u>0.053</u>
620	<u>formaldehyde</u>	<u>8.97</u>	<u>9.24</u>
621	<u>methanol</u>	<u>0.71</u>	<u>0.65</u>
622	<u>formic acid</u>	<u>0.08</u>	<u>0.06</u>
623	<u>ethylene oxide</u>	<u>0.04</u>	<u>0.04</u>
624	<u>acetaldehyde</u>	<u>6.84</u>	<u>6.34</u>
625	<u>ethanol</u>	<u>1.69</u>	<u>1.45</u>
626	<u>dimethyl ether</u>	<u>0.93</u>	<u>0.76</u>
627	<u>glyoxal</u>	<u>14.22</u>	<u>12.13</u>
628	<u>methyl formate</u>	<u>0.06</u>	<u>0.05</u>
629	<u>acetic acid</u>	<u>0.50</u>	<u>0.66</u>
630	<u>glycolaldehyde*</u>	<u>4.96</u>	<u>4.96</u>
631	<u>ethylene glycol</u>	<u>3.36</u>	<u>3.01</u>
632	<u>glycolic acid</u>	<u>2.67</u>	<u>2.32</u>
633	<u>peroxyacetic acid</u>	<u>12.62</u>	<u>0.52</u>
634	<u>acrolein</u>	<u>7.60</u>	<u>7.24</u>
635	<u>trimethylene oxide</u>	<u>5.22</u>	<u>4.32</u>
636	<u>propylene oxide</u>	<u>0.32</u>	<u>0.28</u>
637	<u>propionaldehyde</u>	<u>7.89</u>	<u>6.83</u>
638	<u>acetone</u>	<u>0.43</u>	<u>0.35</u>
639	<u>isopropyl alcohol</u>	<u>0.71</u>	<u>0.59</u>
640	<u>n-propyl alcohol</u>	<u>2.74</u>	<u>2.38</u>
641	<u>acrylic acid</u>	<u>11.66</u>	<u>11.10</u>
642	<u>methyl glyoxal</u>	<u>16.21</u>	<u>16.02</u>
643	<u>1,3-dioxolane</u>	<u>5.47</u>	<u>4.73</u>

644	<u>ethyl formate</u>	<u>0.52</u>	<u>0.45</u>
645	<u>methyl acetate</u>	<u>0.07</u>	<u>0.07</u>
646	<u>propionic acid</u>	<u>0.79</u>	<u>1.17</u>
647	<u>hydroxy acetone</u>	<u>3.08</u>	<u>3.15</u>
648	<u>propylene glycol</u>	<u>2.75</u>	<u>2.48</u>
649	<u>dimethoxy methane</u>	<u>1.04</u>	<u>0.89</u>
650	<u>2-methoxy ethanol</u>	<u>2.98</u>	<u>2.83</u>
651	<u>dimethyl carbonate</u>	<u>0.06</u>	<u>0.06</u>
652	<u>dihydroxy acetone</u>	<u>4.02</u>	<u>3.89</u>
653	<u>glycerol</u>	<u>3.27</u>	<u>3.05</u>
654	<u>furan</u>	<u>16.54</u>	<u>8.86</u>
655	<u>crotonaldehyde</u>	<u>10.07</u>	<u>9.14</u>
656	<u>methacrolein</u>	<u>6.23</u>	<u>5.84</u>
657	<u>cyclobutanone</u>	<u>0.68</u>	<u>0.59</u>
658	<u>methylvinyl ketone</u>	<u>8.73</u>	<u>9.39</u>
659	<u>tetrahydrofuran</u>	<u>4.95</u>	<u>4.10</u>
660	<u>1,2-epoxy butane</u>	<u>1.02</u>	<u>0.86</u>
661	<u>2-methyl propanal</u>	<u>5.87</u>	<u>5.05</u>
662	<u>butanal</u>	<u>6.74</u>	<u>5.75</u>
663	<u>C4 aldehydes</u>	<u>6.74</u>	<u>5.75</u>
664	<u>methyl ethyl ketone</u>	<u>1.49</u>	<u>1.43</u>
665	<u>isobutyl alcohol</u>	<u>2.24</u>	<u>2.41</u>
666	<u>n-butyl alcohol</u>	<u>3.34</u>	<u>2.76</u>
667	<u>sec-butyl alcohol</u>	<u>1.60</u>	<u>1.30</u>
668	<u>tert-butyl alcohol</u>	<u>0.45</u>	<u>0.39</u>
669	<u>diethyl ether</u>	<u>4.01</u>	<u>3.61</u>
670	<u>gamma-butyrolactone</u>	<u>1.15</u>	<u>0.90</u>
671	<u>methacrylic acid</u>	<u>18.78</u>	<u>18.04</u>
672	<u>methyl acrylate</u>	<u>12.24</u>	<u>11.21</u>
673	<u>vinyl acetate</u>	<u>3.26</u>	<u>3.11</u>
674	<u>hydroxyl-methacrolein</u>	<u>6.61</u>	<u>6.04</u>
675	<u>biacetyl</u>	<u>20.73</u>	<u>19.43</u>
676	<u>1,4-dioxane</u>	<u>2.71</u>	<u>2.48</u>
677	<u>ethyl acetate</u>	<u>0.64</u>	<u>0.59</u>
678	<u>methyl propionate</u>	<u>0.71</u>	<u>0.63</u>
679	<u>n-propyl formate</u>	<u>0.93</u>	<u>0.73</u>
680	<u>isopropyl formate</u>	<u>0.42</u>	<u>0.35</u>
681	<u>isobutyric acid</u>	<u>1.22</u>	<u>1.15</u>
682	<u>butanoic acid</u>	<u>1.78</u>	<u>1.75</u>
683	<u>methoxy-acetone</u>	<u>2.14</u>	<u>1.94</u>
684	<u>1,3-butanediol*</u>	<u>3.21</u>	<u>3.21</u>
685	<u>1,2-butanediol</u>	<u>2.21</u>	<u>2.43</u>
686	<u>1,4-butanediol</u>	<u>3.22</u>	<u>2.61</u>
687	<u>2,3-butanediol*</u>	<u>4.23</u>	<u>4.23</u>
688	<u>1-methoxy-2-propanol</u>	<u>2.62</u>	<u>2.33</u>
689	<u>2-ethoxy-ethanol</u>	<u>3.78</u>	<u>3.57</u>
690	<u>2-methoxy-1-propanol</u>	<u>3.01</u>	<u>2.92</u>
691	<u>3-methoxy-1-propanol</u>	<u>4.01</u>	<u>3.71</u>
692	<u>propylene carbonate</u>	<u>0.25</u>	<u>0.27</u>
693	<u>methyl lactate</u>	<u>2.75</u>	<u>2.59</u>

694	<u>diethylene glycol</u>	<u>3.55</u>	<u>3.23</u>
695	<u>malic acid</u>	<u>7.51</u>	<u>6.77</u>
696	<u>2-methyl furan*</u>	<u>8.02</u>	<u>8.02</u>
697	<u>3-methyl furan*</u>	<u>6.64</u>	<u>6.64</u>
698	<u>cyclopentanone</u>	<u>1.43</u>	<u>1.08</u>
699	<u>C5 cyclic ketones</u>	<u>1.43</u>	<u>1.08</u>
700	<u>cyclopentanol</u>	<u>1.96</u>	<u>1.65</u>
701	<u>α-methyl tetrahydrofuran</u>	<u>4.62</u>	<u>3.78</u>
702	<u>tetrahydropyran</u>	<u>3.81</u>	<u>3.05</u>
703	<u>2-methyl-3-butene-2-ol</u>	<u>5.12</u>	<u>4.73</u>
704	<u>2,2-dimethylpropanal; pivaldehyde</u>	<u>5.40</u>	<u>4.71</u>
705	<u>3-methylbutanal; isovaleraldehyde</u>	<u>5.52</u>	<u>4.79</u>
706	<u>pentanal; valeraldehyde</u>	<u>5.76</u>	<u>4.89</u>
707	<u>C5 aldehydes</u>	<u>5.76</u>	<u>4.89</u>
708	<u>2-pentanone</u>	<u>3.07</u>	<u>2.70</u>
709	<u>3-pentanone</u>	<u>1.45</u>	<u>1.18</u>
710	<u>C5 ketones</u>	<u>3.07</u>	<u>2.70</u>
711	<u>methyl isopropyl ketone</u>	<u>1.64</u>	<u>1.58</u>
712	<u>2-pentanol</u>	<u>1.74</u>	<u>1.54</u>
713	<u>3-pentanol</u>	<u>1.73</u>	<u>1.56</u>
714	<u>pentyl alcohol</u>	<u>3.35</u>	<u>2.71</u>
715	<u>isoamyl alcohol; 3-methyl-1-butanol</u>	<u>2.73</u>	<u>3.04</u>
716	<u>2-methyl-1-butanol</u>	<u>2.60</u>	<u>2.30</u>
717	<u>ethyl isopropyl ether</u>	<u>3.86</u>	<u>3.61</u>
718	<u>methyl n-butyl ether</u>	<u>3.66</u>	<u>2.99</u>
719	<u>methyl t-butyl ether</u>	<u>0.78</u>	<u>0.70</u>
720	<u>ethyl acrylate</u>	<u>8.78</u>	<u>7.55</u>
721	<u>methyl methacrylate</u>	<u>15.84</u>	<u>15.22</u>
722	<u>glutaraldehyde</u>	<u>4.79</u>	<u>4.14</u>
723	<u>lumped C5+ unsaturated carbonyl species*</u>	<u>6.18</u>	<u>6.18</u>
724	<u>2,4-pentanedione</u>	<u>1.02</u>	<u>0.98</u>
725	<u>tetrahydro-2-furanmethanol; tetrahydrofurfuryl alcohol</u>	<u>3.54</u>	<u>3.19</u>
726	<u>ethyl propionate</u>	<u>0.79</u>	<u>0.73</u>
727	<u>isopropyl acetate</u>	<u>1.12</u>	<u>1.03</u>
728	<u>methyl butyrate</u>	<u>1.18</u>	<u>1.04</u>
729	<u>methyl isobutyrate</u>	<u>0.70</u>	<u>0.58</u>
730	<u>n-butyl formate</u>	<u>0.95</u>	<u>0.77</u>
731	<u>propyl acetate</u>	<u>0.87</u>	<u>0.73</u>
732	<u>3-methyl butanoic acid</u>	<u>4.26</u>	<u>4.11</u>
733	<u>2,2-dimethoxy-propane</u>	<u>0.52</u>	<u>0.46</u>
734	<u>1-ethoxy-2-propanol</u>	<u>3.25</u>	<u>2.96</u>
735	<u>2-propoxy-ethanol</u>	<u>3.52</u>	<u>3.17</u>
736	<u>3-ethoxy-1-propanol</u>	<u>4.24</u>	<u>3.94</u>
737	<u>3-methoxy-1-butanol</u>	<u>0.97</u>	<u>3.75</u>
738	<u>2-methoxyethyl acetate</u>	<u>1.18</u>	<u>1.08</u>
739	<u>ethyl lactate</u>	<u>2.71</u>	<u>2.39</u>
740	<u>methyl isopropyl carbonate</u>	<u>0.69</u>	<u>0.59</u>
741	<u>2-(2-methoxyethoxy) ethanol</u>	<u>2.90</u>	<u>2.54</u>
742	<u>pentaerythritol</u>	<u>2.42</u>	<u>2.09</u>
743	<u>phenol</u>	<u>1.82</u>	<u>2.69</u>

744	<u>2-ethyl furan*</u>	<u>6.85</u>	<u>6.85</u>
745	<u>2,5-dimethyl furan*</u>	<u>7.60</u>	<u>7.60</u>
746	<u>cyclohexanone</u>	<u>1.61</u>	<u>1.26</u>
747	<u>C6 cyclic ketones</u>	<u>1.61</u>	<u>1.26</u>
748	<u>mesityl oxide; 2-methyl-2-penten-4-one</u>	<u>17.37</u>	<u>6.31</u>
749	<u>cyclohexanol</u>	<u>2.25</u>	<u>1.84</u>
750	<u>hexanal</u>	<u>4.98</u>	<u>4.18</u>
751	<u>C6 aldehydes</u>	<u>4.98</u>	<u>4.18</u>
752	<u>4-methyl-2-pentanone</u>	<u>4.31</u>	<u>3.74</u>
753	<u>methyl n-butyl ketone</u>	<u>3.55</u>	<u>3.00</u>
754	<u>methyl tert-butyl ketone</u>	<u>0.78</u>	<u>0.62</u>
755	<u>C6 ketones</u>	<u>3.55</u>	<u>3.00</u>
756	<u>1-hexanol</u>	<u>2.74</u>	<u>2.56</u>
757	<u>2-hexanol</u>	<u>2.46</u>	<u>1.97</u>
758	<u>4-methyl-2-pentanol; methyl isobutyl carbinol</u>	<u>2.89</u>	<u>2.52</u>
759	<u>di-n-propyl ether</u>	<u>3.24</u>	<u>2.93</u>
760	<u>ethyl n-butyl ether</u>	<u>3.86</u>	<u>3.33</u>
761	<u>ethyl tert-butyl ether</u>	<u>2.11</u>	<u>1.93</u>
762	<u>methyl tert-amyl ether; TAME</u>	<u>2.14</u>	<u>1.61</u>
763	<u>diisopropyl ether</u>	<u>3.56</u>	<u>3.39</u>
764	<u>ethyl methacrylate*</u>	<u>12.15</u>	<u>12.15</u>
765	<u>ethyl butyrate</u>	<u>1.25</u>	<u>1.11</u>
766	<u>isobutyl acetate</u>	<u>0.67</u>	<u>0.58</u>
767	<u>methyl pivalate</u>	<u>0.39</u>	<u>0.33</u>
768	<u>n-butyl acetate</u>	<u>0.89</u>	<u>0.78</u>
769	<u>n-propyl propionate</u>	<u>0.93</u>	<u>0.79</u>
770	<u>sec-butyl acetate</u>	<u>1.43</u>	<u>1.25</u>
771	<u>tert-butyl acetate</u>	<u>0.20</u>	<u>0.17</u>
772	<u>diacetone alcohol</u>	<u>0.68</u>	<u>0.57</u>
773	<u>methyl pentanoate; methyl valerate*</u>	<u>1.00</u>	<u>1.00</u>
774	<u>1,2-dihydroxyhexane</u>	<u>2.75</u>	<u>2.45</u>
775	<u>2-methyl-2,4-pentanediol</u>	<u>1.04</u>	<u>1.39</u>
776	<u>ethylene glycol diethyl ether; 1,2-diethoxyethane</u>	<u>2.84</u>	<u>2.81</u>
777	<u>acetal (1,1-diethoxyethane)</u>	<u>3.68</u>	<u>3.43</u>
778	<u>1-propoxy-2-propanol; propylene glycol n-propyl ether</u>	<u>2.86</u>	<u>2.56</u>
779	<u>2-butoxy-ethanol</u>	<u>2.90</u>	<u>2.78</u>
780	<u>3 methoxy-3 methyl-butanol</u>	<u>1.74</u>	<u>1.46</u>
781	<u>n-propoxy-propanol</u>	<u>3.84</u>	<u>3.62</u>
782	<u>hydroxypropyl acrylate</u>	<u>5.56</u>	<u>4.74</u>
783	<u>1-methoxy-2-propyl acetate</u>	<u>1.71</u>	<u>1.62</u>
784	<u>2-ethoxyethyl acetate</u>	<u>1.90</u>	<u>1.75</u>
785	<u>2-methoxy-1-propyl acetate</u>	<u>1.12</u>	<u>1.06</u>
786	<u>methoxypropanol acetate</u>	<u>1.97</u>	<u>1.76</u>
787	<u>2-(2-ethoxyethoxy) ethanol</u>	<u>3.19</u>	<u>3.11</u>
788	<u>dipropylene glycol isomer (1-[2-hydroxypropyl]-2-propanol)</u>	<u>2.48</u>	<u>2.20</u>
789	<u>dimethyl succinate</u>	<u>0.23</u>	<u>0.21</u>
790	<u>ethylene glycol diacetate</u>	<u>0.72</u>	<u>0.62</u>
791	<u>adipic acid; hexanedioic acid</u>	<u>3.37</u>	<u>2.94</u>
792	<u>triethylene glycol</u>	<u>3.41</u>	<u>3.11</u>
793	<u>benzaldehyde</u>	<u>0.00</u>	<u>0.00</u>

794	<u>C7 alkyl phenols</u>	<u>2.34</u>	<u>2.34</u>
795	<u>m-cresol</u>	<u>2.34</u>	<u>2.34</u>
796	<u>p-cresol</u>	<u>2.34</u>	<u>2.34</u>
797	<u>o-cresol</u>	<u>2.34</u>	<u>2.34</u>
798	<u>benzyl alcohol*</u>	<u>4.98</u>	<u>4.98</u>
799	<u>methoxybenzene; anisole*</u>	<u>6.49</u>	<u>6.49</u>
800	<u>C7 cyclic ketones</u>	<u>1.41</u>	<u>1.10</u>
801	<u>heptanal</u>	<u>4.23</u>	<u>3.54</u>
802	<u>C7 aldehydes</u>	<u>4.23</u>	<u>3.54</u>
803	<u>2-methyl-hexanal</u>	<u>3.97</u>	<u>3.40</u>
804	<u>2-heptanone</u>	<u>2.80</u>	<u>2.24</u>
805	<u>2-methyl-3-hexanone</u>	<u>1.79</u>	<u>1.45</u>
806	<u>di-isopropyl ketone</u>	<u>1.63</u>	<u>1.23</u>
807	<u>C7 ketones</u>	<u>2.80</u>	<u>2.24</u>
808	<u>5-methyl-2-hexanone</u>	<u>2.10</u>	<u>2.28</u>
809	<u>3-methyl-2-hexanone</u>	<u>2.81</u>	<u>2.43</u>
810	<u>1-heptanol</u>	<u>2.21</u>	<u>1.75</u>
811	<u>dimethylpentanol; 2,3-dimethyl-1-pentanol</u>	<u>2.51</u>	<u>2.13</u>
812	<u>4,4-diethyl-3-oxahexane</u>	<u>2.03</u>	<u>1.86</u>
813	<u>n-butyl acrylate</u>	<u>5.52</u>	<u>4.87</u>
814	<u>isobutyl acrylate</u>	<u>5.05</u>	<u>4.57</u>
815	<u>butyl propionate</u>	<u>0.89</u>	<u>0.79</u>
816	<u>amyl acetate; n-pentyl acetate</u>	<u>0.96</u>	<u>0.78</u>
817	<u>n-propyl butyrate</u>	<u>1.17</u>	<u>0.99</u>
818	<u>isoamyl acetate; 3-methyl-butyl acetate</u>	<u>1.18</u>	<u>1.02</u>
819	<u>2-methyl-1-butyl acetate</u>	<u>1.17</u>	<u>1.01</u>
820	<u>methyl hexanoate*</u>	<u>0.96</u>	<u>0.96</u>
821	<u>1-tert-butoxy-2-propanol</u>	<u>1.71</u>	<u>1.53</u>
822	<u>2-tert-butoxy-1-propanol</u>	<u>1.81</u>	<u>1.75</u>
823	<u>n-butoxy-2-propanol; propylene glycol n-butyl ether</u>	<u>2.70</u>	<u>2.59</u>
824	<u>ethyl 3-ethoxy propionate</u>	<u>3.61</u>	<u>3.46</u>
825	<u>diisopropyl carbonate</u>	<u>1.04</u>	<u>0.94</u>
826	<u>2-(2-propoxyethoxy) ethanol</u>	<u>3.00</u>	<u>2.71</u>
827	<u>dipropylene glycol methyl ether: 1-methoxy-2-(2-hydroxypropoxy)-propane</u>	<u>2.21</u>	<u>1.87</u>
828	<u>dipropylene glycol methyl ether: 2-(2-methoxypropoxy)-1-propanol</u>	<u>2.70</u>	<u>2.46</u>
829	<u>1,2-propylene glycol diacetate</u>	<u>0.94</u>	<u>0.58</u>
830	<u>dimethyl glutarate</u>	<u>0.51</u>	<u>0.39</u>
831	<u>2-[2-(2-methoxyethoxy) ethoxy] ethanol</u>	<u>2.62</u>	<u>2.44</u>
832	<u>tolualdehyde</u>	<u>0.00</u>	<u>0.00</u>
833	<u>4-vinyl phenol*</u>	<u>1.43</u>	<u>1.43</u>
834	<u>2,4-dimethyl phenol*</u>	<u>2.07</u>	<u>2.07</u>
835	<u>2,5-dimethyl phenol*</u>	<u>2.07</u>	<u>2.07</u>
836	<u>3,4-dimethyl phenol*</u>	<u>2.07</u>	<u>2.07</u>
837	<u>2,3-dimethyl phenol*</u>	<u>2.07</u>	<u>2.07</u>
838	<u>2,6-dimethyl phenol*</u>	<u>2.07</u>	<u>2.07</u>
839	<u>C8 alkyl phenols</u>	<u>2.07</u>	<u>2.07</u>
840	<u>β-phenethyl alcohol; 2-phenyl ethyl alcohol*</u>	<u>4.41</u>	<u>4.41</u>
841	<u>C8 cyclic ketones</u>	<u>1.25</u>	<u>0.98</u>
842	<u>2-butyl tetrahydrofuran</u>	<u>2.53</u>	<u>2.00</u>

843	<u>octanal</u>	<u>3.65</u>	<u>3.03</u>
844	<u>C8 aldehydes</u>	<u>3.65</u>	<u>3.03</u>
845	<u>2-octanone</u>	<u>1.66</u>	<u>1.31</u>
846	<u>C8 ketones</u>	<u>1.66</u>	<u>1.31</u>
847	<u>1-octanol</u>	<u>2.01</u>	<u>1.35</u>
848	<u>2-ethyl-1-hexanol</u>	<u>2.20</u>	<u>1.90</u>
849	<u>2-octanol</u>	<u>2.16</u>	<u>1.86</u>
850	<u>3-octanol</u>	<u>2.57</u>	<u>2.16</u>
851	<u>4-octanol</u>	<u>3.07</u>	<u>2.10</u>
852	<u>5-methyl-1-heptanol</u>	<u>1.95</u>	<u>1.70</u>
853	<u>di-isobutyl ether</u>	<u>1.29</u>	<u>1.12</u>
854	<u>di-n-butyl ether</u>	<u>3.17</u>	<u>2.70</u>
855	<u>2-phenoxyethanol; ethylene glycol phenyl ether</u>	<u>3.61</u>	<u>4.35</u>
856	<u>butyl methacrylate</u>	<u>9.09</u>	<u>8.47</u>
857	<u>isobutyl methacrylate</u>	<u>8.99</u>	<u>8.39</u>
858	<u>hexyl acetates*</u>	<u>0.74</u>	<u>0.74</u>
859	<u>2,3-dimethylbutyl acetate</u>	<u>0.84</u>	<u>0.70</u>
860	<u>2-methylpentyl acetate</u>	<u>1.11</u>	<u>0.91</u>
861	<u>3-methylpentyl acetate</u>	<u>1.31</u>	<u>1.00</u>
862	<u>4-methylpentyl acetate</u>	<u>0.92</u>	<u>0.76</u>
863	<u>isobutyl isobutyrate</u>	<u>0.61</u>	<u>0.55</u>
864	<u>n-butyl butyrate</u>	<u>1.12</u>	<u>1.02</u>
865	<u>n-hexyl acetate</u>	<u>0.87</u>	<u>0.63</u>
866	<u>methyl amyl acetate; 4-methyl-2-pentanol acetate</u>	<u>1.46</u>	<u>1.28</u>
867	<u>n-pentyl propionate</u>	<u>0.79</u>	<u>0.66</u>
868	<u>2-ethyl hexanoic acid</u>	<u>3.49</u>	<u>3.19</u>
869	<u>methyl heptanoate*</u>	<u>0.76</u>	<u>0.76</u>
870	<u>2-ethyl-1,3-hexanediol</u>	<u>2.62</u>	<u>1.95</u>
871	<u>2-n-hexyloxyethanol</u>	<u>2.45</u>	<u>1.98</u>
872	<u>2,2,4-trimethyl-1,3-pentanediol</u>	<u>1.74</u>	<u>1.46</u>
873	<u>phthalic anhydride*</u>	<u>2.50</u>	<u>2.50</u>
874	<u>methylparaben; 4-hydroxybenzoic acid, methyl ester*</u>	<u>1.66</u>	<u>1.66</u>
875	<u>2-butoxyethyl acetate</u>	<u>1.67</u>	<u>1.53</u>
876	<u>2-methoxy-1-(2-methoxy-1-methylethoxy)-propane; dipropylene glycol dimethyl ether</u>	<u>2.09</u>	<u>1.91</u>
877	<u>2-(2-butoxyethoxy)-ethanol</u>	<u>2.87</u>	<u>2.26</u>
878	<u>dipropylene glycol ethyl ether</u>	<u>2.75</u>	<u>2.60</u>
879	<u>dimethyl adipate</u>	<u>1.95</u>	<u>1.72</u>
880	<u>2-(2-ethoxyethoxy) ethyl acetate</u>	<u>1.50</u>	<u>1.39</u>
881	<u>2-[2-(2-ethoxyethoxy) ethoxy] ethanol</u>	<u>2.66</u>	<u>2.33</u>
882	<u>tetraethylene glycol</u>	<u>2.84</u>	<u>2.38</u>
883	<u>cinnamic aldehyde*</u>	<u>4.68</u>	<u>4.68</u>
884	<u>cinnamic alcohol*</u>	<u>0.84</u>	<u>0.84</u>
885	<u>2,3,5-trimethyl phenol*</u>	<u>1.86</u>	<u>1.86</u>
886	<u>2,3,6-trimethyl phenol*</u>	<u>1.86</u>	<u>1.86</u>
887	<u>C9 alkyl phenols</u>	<u>1.86</u>	<u>1.86</u>
888	<u>isophorone; 3,5,5-trimethyl-2-cyclohexenone</u>	<u>10.58</u>	<u>4.48</u>
889	<u>C9 cyclic ketones</u>	<u>1.13</u>	<u>0.88</u>
890	<u>2-propyl cyclohexanone</u>	<u>1.71</u>	<u>1.43</u>
891	<u>4-propyl cyclohexanone</u>	<u>2.08</u>	<u>1.74</u>
892	<u>1-nonene-4-one</u>	<u>3.39</u>	<u>3.03</u>

893	<u>trimethyl cyclohexanol</u>	<u>2.17</u>	<u>1.75</u>
894	<u>2-nonanone</u>	<u>1.30</u>	<u>1.00</u>
895	<u>di-isobutyl ketone; 2,6-dimethyl-4-heptanone</u>	<u>2.94</u>	<u>2.56</u>
896	<u>C9 ketones</u>	<u>1.30</u>	<u>1.00</u>
897	<u>dimethyl heptanol; 2,6-dimethyl-2-heptanol</u>	<u>1.07</u>	<u>0.88</u>
898	<u>2,6-dimethyl-4-heptanol</u>	<u>2.37</u>	<u>1.98</u>
899	<u>1-phenoxy-2-propanol</u>	<u>1.73</u>	<u>1.54</u>
900	<u>2,4-dimethylpentyl acetate</u>	<u>0.98</u>	<u>0.85</u>
901	<u>2-methylhexyl acetate</u>	<u>0.89</u>	<u>0.64</u>
902	<u>3-ethylpentyl acetate</u>	<u>1.24</u>	<u>1.03</u>
903	<u>3-methylhexyl acetate</u>	<u>1.01</u>	<u>0.83</u>
904	<u>4-methylhexyl acetate</u>	<u>0.91</u>	<u>0.76</u>
905	<u>5-methylhexyl acetate</u>	<u>0.79</u>	<u>0.54</u>
906	<u>isoamyl isobutyrate</u>	<u>0.89</u>	<u>0.76</u>
907	<u>n-heptyl acetate</u>	<u>0.73</u>	<u>0.59</u>
908	<u>methyl octanoate*</u>	<u>0.64</u>	<u>0.64</u>
909	<u>1-(butoxyethoxy)-2-propanol</u>	<u>2.08</u>	<u>1.82</u>
910	<u>dipropylene glycol n-propyl ether isomer #1</u>	<u>2.13</u>	<u>1.89</u>
911	<u>dipropylene glycol methyl ether acetate isomer #1</u>	<u>1.41</u>	<u>1.30</u>
912	<u>dipropylene glycol methyl ether acetate isomer #2</u>	<u>1.58</u>	<u>1.43</u>
913	<u>dipropylene glycol methyl ether acetate isomers</u>	<u>1.49</u>	<u>1.37</u>
914	<u>2-[2-(2-propoxyethoxy) ethoxy] ethanol</u>	<u>2.46</u>	<u>2.05</u>
915	<u>tripropylene glycol*</u>	<u>2.07</u>	<u>2.07</u>
916	<u>2,5,8,11-tetraoxatridecan-13-ol</u>	<u>2.15</u>	<u>1.86</u>
917	<u>glyceryl triacetate</u>	<u>0.57</u>	<u>0.51</u>
918	<u>anethol; p-propenyl-anisole*</u>	<u>0.76</u>	<u>0.76</u>
919	<u>C10 alkyl phenols</u>	<u>1.68</u>	<u>1.68</u>
920	<u>camphor*</u>	<u>0.45</u>	<u>0.45</u>
921	<u>α-terpineol</u>	<u>5.16</u>	<u>4.50</u>
922	<u>citronellol; 3,7-dimethyl-6-octen-1-ol*</u>	<u>5.63</u>	<u>5.63</u>
923	<u>hydroxycitronella*</u>	<u>2.50</u>	<u>2.50</u>
924	<u>C10 cyclic ketones</u>	<u>1.02</u>	<u>0.80</u>
925	<u>menthol</u>	<u>1.70</u>	<u>1.35</u>
926	<u>linalool*</u>	<u>5.28</u>	<u>5.28</u>
927	<u>2-decanone</u>	<u>1.06</u>	<u>0.82</u>
928	<u>C10 ketones</u>	<u>1.06</u>	<u>0.82</u>
929	<u>8-methyl-1-nonanol; isodecyl alcohol</u>	<u>1.23</u>	<u>0.99</u>
930	<u>1-decanol</u>	<u>1.22</u>	<u>1.00</u>
931	<u>3,7-dimethyl-1-octanol</u>	<u>1.42</u>	<u>1.13</u>
932	<u>di-n-pentyl ether</u>	<u>2.64</u>	<u>2.02</u>
933	<u>1,2-diacetyl benzene*</u>	<u>2.17</u>	<u>2.17</u>
934	<u>2,4-dimethylhexyl acetate</u>	<u>0.93</u>	<u>0.70</u>
935	<u>2-ethyl-hexyl acetate</u>	<u>0.79</u>	<u>0.60</u>
936	<u>3,4-dimethyl-hexyl acetate</u>	<u>1.16</u>	<u>0.81</u>
937	<u>3,5-dimethyl-hexyl acetate</u>	<u>1.09</u>	<u>0.92</u>
938	<u>3-ethyl-hexyl acetate</u>	<u>1.03</u>	<u>0.84</u>
939	<u>3-methyl-heptyl acetate</u>	<u>0.76</u>	<u>0.61</u>
940	<u>4,5-dimethyl-hexyl acetate</u>	<u>0.86</u>	<u>0.63</u>
941	<u>4-methyl-heptyl acetate</u>	<u>0.72</u>	<u>0.60</u>
942	<u>5-methyl-heptyl acetate</u>	<u>0.73</u>	<u>0.55</u>

943	<u>n-octyl acetate</u>	<u>0.64</u>	<u>0.52</u>
944	<u>geraniol*</u>	<u>4.97</u>	<u>4.97</u>
945	<u>methyl nonanoate*</u>	<u>0.54</u>	<u>0.54</u>
946	<u>2-(2-ethylhexyloxy) ethanol</u>	<u>1.71</u>	<u>1.45</u>
947	<u>propylparaben*</u>	<u>1.40</u>	<u>1.40</u>
948	<u>2-(2-hexyloxyethoxy) ethanol</u>	<u>2.03</u>	<u>1.73</u>
949	<u>glycol ether DPnB; dipropylene glycol n-butyl ether; 1-(2-butoxy-1-methylethoxy)-2-propanol)</u>	<u>1.96</u>	<u>1.73</u>
950	<u>2-(2-butoxyethoxy) ethyl acetate</u>	<u>1.38</u>	<u>1.30</u>
951	<u>2-[2-(2-butoxyethoxy) ethoxy] ethanol</u>	<u>2.24</u>	<u>1.85</u>
952	<u>tripropylene glycol monomethyl ether</u>	<u>1.90</u>	<u>1.81</u>
953	<u>C11 alkyl phenols</u>	<u>1.54</u>	<u>1.54</u>
954	<u>2-ethyl-hexyl acrylate</u>	<u>2.42</u>	<u>2.43</u>
955	<u>2,3,5-trimethyl-hexyl acetate</u>	<u>0.86</u>	<u>0.79</u>
956	<u>2,3-dimethyl-heptyl acetate</u>	<u>0.84</u>	<u>0.65</u>
957	<u>2,4-dimethyl-heptyl acetate</u>	<u>0.88</u>	<u>0.62</u>
958	<u>2,5-dimethyl-heptyl acetate</u>	<u>0.86</u>	<u>0.72</u>
959	<u>2-methyloctyl acetate</u>	<u>0.63</u>	<u>0.47</u>
960	<u>3,5-dimethyl-heptyl acetate</u>	<u>1.01</u>	<u>0.74</u>
961	<u>3,6-dimethyl-heptyl acetate</u>	<u>0.87</u>	<u>0.71</u>
962	<u>3-ethyl-heptyl acetate</u>	<u>0.71</u>	<u>0.57</u>
963	<u>4,5-dimethyl-heptyl acetate</u>	<u>0.96</u>	<u>0.63</u>
964	<u>4,6-dimethyl-heptyl acetate</u>	<u>0.83</u>	<u>0.72</u>
965	<u>4-methyloctyl acetate</u>	<u>0.68</u>	<u>0.56</u>
966	<u>5-methyloctyl acetate</u>	<u>0.67</u>	<u>0.5</u>
967	<u>n-nonyl acetate</u>	<u>0.58</u>	<u>0.47</u>
968	<u>methyl decanoate*</u>	<u>0.48</u>	<u>0.48</u>
969	<u>C12 alkyl phenols</u>	<u>1.42</u>	<u>1.42</u>
970	<u>2,6,8-trimethyl-4-nonanone; isobutyl heptyl ketone</u>	<u>1.86</u>	<u>1.57</u>
971	<u>trimethylnonanolthreoerythro; 2,6,8-trimethyl-4-nonanol</u>	<u>1.55</u>	<u>1.24</u>
972	<u>3,6-dimethyl-octyl acetate</u>	<u>0.88</u>	<u>0.72</u>
973	<u>3-isopropyl-heptyl acetate</u>	<u>0.71</u>	<u>0.49</u>
974	<u>4,6-dimethyl-octyl acetate</u>	<u>0.85</u>	<u>0.70</u>
975	<u>methyl undecanoate*</u>	<u>0.45</u>	<u>0.45</u>
976	<u>1-hydroxy-2,2,4-trimethylpentyl-3-isobutyrate</u>	<u>0.92</u>	<u>0.84</u>
977	<u>3-hydroxy-2,2,4-trimethylpentyl-1-isobutyrate</u>	<u>0.88</u>	<u>0.72</u>
978	<u>2,2,4-trimethyl-1,3-pentanediol monoisobutyrate and isomers (texanol®)</u>	<u>0.89</u>	<u>0.76</u>
979	<u>substituted C7 ester (C12)</u>	<u>0.92</u>	<u>0.76</u>
980	<u>substituted C9 ester (C12)</u>	<u>0.89</u>	<u>0.76</u>
981	<u>diethylene glycol mono-(2-ethylhexyl) ether*</u>	<u>1.46</u>	<u>1.46</u>
982	<u>diethyl phthalate*</u>	<u>1.56</u>	<u>1.56</u>
983	<u>dimethyl sebacate</u>	<u>0.48</u>	<u>0.40</u>
984	<u>diisopropyl adipate</u>	<u>1.42</u>	<u>1.22</u>
985	<u>3,6,9,12-tetraoxa-hexadecan-1-ol</u>	<u>1.90</u>	<u>1.62</u>
986	<u>triethyl citrate*</u>	<u>0.66</u>	<u>0.66</u>
987	<u>3,5,7-trimethyl-octyl acetate</u>	<u>0.83</u>	<u>0.60</u>
988	<u>3-ethyl-6-methyl-octyl acetate</u>	<u>0.80</u>	<u>0.57</u>
989	<u>4,7-dimethyl-nonyl acetate</u>	<u>0.64</u>	<u>0.45</u>
990	<u>methyl dodecanoate; methyl laurate</u>	<u>0.53</u>	<u>0.42</u>
991	<u>tripropylene glycol n-butyl ether*</u>	<u>1.55</u>	<u>1.55</u>

992	<u>amyl cinnamal*</u>	<u>3.06</u>	<u>3.06</u>
993	<u>isobornyl methacrylate</u>	<u>8.64</u>	<u>5.37</u>
994	<u>2,3,5,7-tetramethyl-octyl acetate</u>	<u>0.74</u>	<u>0.57</u>
995	<u>3,5,7-trimethyl-nonyl acetate</u>	<u>0.76</u>	<u>0.56</u>
996	<u>3,6,8-trimethyl-nonyl acetate</u>	<u>0.72</u>	<u>0.53</u>
997	<u>methyl tridecanoate*</u>	<u>0.40</u>	<u>0.40</u>
998	<u>hexyl cinnamal*</u>	<u>2.86</u>	<u>2.86</u>
999	<u>2,6-di-tert-butyl-<i>p</i>-cresol *</u>	<u>1.15</u>	<u>1.15</u>
1000	<u>2-ethyl-hexyl benzoate*</u>	<u>0.93</u>	<u>0.93</u>
1001	<u>2,4,6,8-tetramethyl-nonyl acetate</u>	<u>0.63</u>	<u>0.46</u>
1002	<u>3-ethyl-6,7-dimethyl-nonyl acetate</u>	<u>0.76</u>	<u>0.55</u>
1003	<u>4,7,9-trimethyl-decyl acetate</u>	<u>0.55</u>	<u>0.37</u>
1004	<u>methyl myristate; methyl tetradecanoate</u>	<u>0.47</u>	<u>0.39</u>
1005	<u>methyl <i>cis</i>-9-pentadecenoate*</u>	<u>1.63</u>	<u>1.73</u>
1006	<u>methyl <i>cis</i>-9-hexadecenoate; methyl palmitoleate*</u>	<u>1.63</u>	<u>1.64</u>
1007	<u>methyl pentadecanoate*</u>	<u>0.42</u>	<u>0.42</u>
1008	<u>2,3,5,6,8-pentamethyl-nonyl acetate</u>	<u>0.74</u>	<u>0.59</u>
1009	<u>3,5,7,9-tetramethyl-decyl acetate</u>	<u>0.58</u>	<u>0.43</u>
1010	<u>5-ethyl-3,6,8-trimethyl-nonyl acetate</u>	<u>0.77</u>	<u>0.71</u>
1011	<u>dibutyl phthalate*</u>	<u>1.20</u>	<u>1.20</u>
1012	<u>2,2,4-trimethyl-1,3-pentanediol diisobutyrate*</u>	<u>0.34</u>	<u>0.34</u>
1013	<u>methyl hexadecanoate; methyl palmitate*</u>	<u>0.40</u>	<u>0.40</u>
1014	<u>methyl <i>cis</i>-9-heptadecenoate*</u>	<u>1.56</u>	<u>1.56</u>
1015	<u>methyl heptadecanoate; methyl margarate*</u>	<u>0.38</u>	<u>0.38</u>
1016	<u>methyl linolenate; methyl <i>cis,cis,cis</i>-9,12,15-octadecatrienoate*</u>	<u>1.77</u>	<u>2.23</u>
1017	<u>methyl linoelate; methyl <i>cis,cis</i>-9,12-octadecadienoate*</u>	<u>1.48</u>	<u>1.77</u>
1018	<u>methyl <i>cis</i>-9-octadecenoate; methyl oleate*</u>	<u>1.48</u>	<u>1.48</u>
1019	<u>methyl octadecanoate; methyl stearate*</u>	<u>0.36</u>	<u>0.36</u>
	<u>Other Organic Compounds</u>		
1020	<u>methylamine*</u>	<u>7.29</u>	<u>7.29</u>
1021	<u>methyl chloride</u>	<u>0.03</u>	<u>0.04</u>
1022	<u>methyl nitrite*</u>	<u>10.50</u>	<u>10.50</u>
1023	<u>nitromethane</u>	<u>7.86</u>	<u>0.07</u>
1024	<u>carbon disulfide*</u>	<u>0.23</u>	<u>0.23</u>
1025	<u>dichloromethane</u>	<u>0.07</u>	<u>0.04</u>
1026	<u>methyl bromide</u>	<u>0.02</u>	<u>0.02</u>
1027	<u>chloroform</u>	<u>0.03</u>	<u>0.02</u>
1028	<u>methyl iodide*</u>	<u>0.00</u>	<u>0.00</u>
1029	<u>carbon tetrachloride</u>	<u>0.00</u>	<u>0.00</u>
1030	<u>chloropicrin; trichloro-nitro-methane*</u>	<u>1.80</u>	<u>1.80</u>
1031	<u>methylene bromide</u>	<u>0.00</u>	<u>0.00</u>
1032	<u>acetylene</u>	<u>1.25</u>	<u>0.93</u>
1033	<u>dimethyl amine</u>	<u>9.37</u>	<u>2.95</u>
1034	<u>ethyl amine</u>	<u>7.80</u>	<u>5.48</u>
1035	<u>ethanolamine</u>	<u>5.97</u>	<u>6.53</u>
1036	<u>vinyl chloride</u>	<u>2.92</u>	<u>2.70</u>
1037	<u>ethyl chloride</u>	<u>0.25</u>	<u>0.27</u>
1038	<u>1,1-difluoroethane; HFC-152a</u>	<u>0.00</u>	<u>0.02</u>
1039	<u>methyl isothiocyanate*</u>	<u>0.31</u>	<u>0.31</u>
1040	<u>nitroethane</u>	<u>12.79</u>	<u>0.06</u>

1041	<u>dimethyl sulfoxide; DMSO</u>	<u>6.90</u>	<u>6.46</u>
1042	<u>chloroacetaldehyde*</u>	<u>12.00</u>	<u>12.00</u>
1043	<u>1,1-dichloroethene*</u>	<u>1.69</u>	<u>1.69</u>
1044	<u>trans-1,2-dichloroethene</u>	<u>0.81</u>	<u>1.65</u>
1045	<u>cis-1,2-dichloroethene*</u>	<u>1.65</u>	<u>1.65</u>
1046	<u>1,1-dichloroethane</u>	<u>0.10</u>	<u>0.07</u>
1047	<u>1,2-dichloroethane</u>	<u>0.10</u>	<u>0.21</u>
1048	<u>1,1,1,2-tetrafluoroethane; HFC-134a</u>	<u>0.00</u>	<u>0.00</u>
1049	<u>ethyl bromide</u>	<u>0.11</u>	<u>0.12</u>
1050	<u>trichloroethylene</u>	<u>0.60</u>	<u>0.61</u>
1051	<u>1,1,1-trichloroethane</u>	<u>0.00</u>	<u>0.01</u>
1052	<u>1,1,2-trichloroethane</u>	<u>0.06</u>	<u>0.08</u>
1053	<u>perchloroethylene</u>	<u>0.04</u>	<u>0.03</u>
1054	<u>1,2-dibromoethane</u>	<u>0.05</u>	<u>0.10</u>
1055	<u>methyl acetylene</u>	<u>6.45</u>	<u>6.57</u>
1056	<u>acrylonitrile*</u>	<u>2.16</u>	<u>2.16</u>
1057	<u>trimethyl amine</u>	<u>7.06</u>	<u>6.03</u>
1058	<u>isopropyl amine*</u>	<u>6.93</u>	<u>6.93</u>
1059	<u>n-methyl acetamide**</u>	<u>19.70</u>	<u>19.63</u>
1060	<u>1-amino-2-propanol</u>	<u>13.42</u>	<u>5.17</u>
1061	<u>3-chloropropene*</u>	<u>11.98</u>	<u>11.98</u>
1062	<u>1-nitropropane</u>	<u>16.16</u>	<u>0.20</u>
1063	<u>2-nitropropane</u>	<u>16.16</u>	<u>0.10</u>
1064	<u>chloroacetone*</u>	<u>9.22</u>	<u>9.22</u>
1065	<u>trans-1,3-dichloropropene*</u>	<u>4.92</u>	<u>4.92</u>
1066	<u>cis-1,3-dichloropropene*</u>	<u>3.61</u>	<u>3.61</u>
1067	<u>1,3-dichloropropene mixture*</u>	<u>4.19</u>	<u>4.19</u>
1068	<u>1,2-dichloropropane*</u>	<u>0.28</u>	<u>0.28</u>
1069	<u>trans-1,3,3,3-tetrafluoropropene*</u>	<u>0.09</u>	<u>0.09</u>
1070	<u>2,3,3,3-tetrafluoropropene*</u>	<u>0.27</u>	<u>0.27</u>
1071	<u>n-propyl bromide</u>	<u>0.35</u>	<u>0.40</u>
1072	<u>1,1,1,3,3-pentafluoropropane*</u>	<u>0.00</u>	<u>0.00</u>
1073	<u>3,3-dichloro-1,1,1,2,2-pentafluoropropane; HCFC-225ca*</u>	<u>0.00</u>	<u>0.00</u>
1074	<u>1,3-dichloro-1,1,2,2,3-pentafluoropropane; HCFC-225cb*</u>	<u>0.00</u>	<u>0.00</u>
1075	<u>1,3-butadiyne*</u>	<u>5.53</u>	<u>5.53</u>
1076	<u>1-buten-3-yne; vinyl acetylene*</u>	<u>10.15</u>	<u>10.15</u>
1077	<u>2-butyne</u>	<u>16.33</u>	<u>15.95</u>
1078	<u>ethyl acetylene</u>	<u>6.20</u>	<u>5.95</u>
1079	<u>tert-butyl amine*</u>	<u>0.00</u>	<u>0.00</u>
1080	<u>morpholine</u>	<u>15.43</u>	<u>1.85</u>
1081	<u>ethyl methyl ketone oxime; methyl ethyl ketoxime*</u>	<u>22.04</u>	<u>1.52</u>
1082	<u>dimethylaminoethanol</u>	<u>4.76</u>	<u>5.41</u>
1083	<u>2-amino-1-butanol*</u>	<u>4.78</u>	<u>4.78</u>
1084	<u>2-amino-2-methyl-1-propanol</u>	<u>15.08</u>	<u>0.00</u>
1085	<u>1-chlorobutane*</u>	<u>1.04</u>	<u>1.04</u>
1086	<u>diethylenetriamine**</u>	<u>13.03</u>	<u>15.10</u>
1087	<u>diethanol-amine</u>	<u>4.05</u>	<u>2.36</u>
1088	<u>2-(chloro-methyl)-3-chloro-propene</u>	<u>1.13</u>	<u>6.85</u>
1089	<u>n-butyl bromide</u>	<u>0.60</u>	<u>0.78</u>
1090	<u>1,1,1,3,3-pentafluorobutane; HFC-365mfc*</u>	<u>0.00</u>	<u>0.00</u>

1091	<u>n-methyl-2-pyrrolidone</u>	<u>2.56</u>	<u>2.28</u>
1092	<u>2-amino-2-ethyl-1,3-propanediol*</u>	<u>0.00</u>	<u>0.00</u>
1093	<u>hydroxyethylethylene urea**</u>	<u>14.75</u>	<u>10.91</u>
1094	<u>methyl-nonafluoro-butyl ether*</u>	<u>0.05</u>	<u>0.05</u>
1095	<u>methyl-nonafluoro-isobutyl ether*</u>	<u>0.05</u>	<u>0.05</u>
1096	<u>methoxy-perfluoro-n-butane*</u>	<u>0.00</u>	<u>0.00</u>
1097	<u>methoxy-perfluoro-isobutene*</u>	<u>0.00</u>	<u>0.00</u>
1098	<u>1,1,1,2,2,3,4,5,5,5-decafluoropentane; HFC-43-10mee*</u>	<u>0.00</u>	<u>0.00</u>
1099	<u>triethyl amine</u>	<u>16.60</u>	<u>3.66</u>
1100	<u>triethylene diamine*</u>	<u>3.31</u>	<u>3.31</u>
1101	<u>monochlorobenzene</u>	<u>0.36</u>	<u>0.31</u>
1102	<u>nitrobenzene</u>	<u>0.07</u>	<u>0.05</u>
1103	<u>p-dichlorobenzene</u>	<u>0.20</u>	<u>0.17</u>
1104	<u>o-dichlorobenzene*</u>	<u>0.17</u>	<u>0.17</u>
1105	<u>triethanolamine*</u>	<u>2.76</u>	<u>4.08</u>
1106	<u>hexamethyl-disiloxane*</u>	<u>0.00</u>	<u>0.00</u>
1107	<u>hydroxymethyl-disiloxane*</u>	<u>0.00</u>	<u>0.00</u>
1108	<u>hexafluoro-benzene*</u>	<u>0.05</u>	<u>0.05</u>
1109	<u>ethoxy-perfluoro-n-butane*</u>	<u>0.01</u>	<u>0.01</u>
1110	<u>ethoxy-perfluoro-isobutane*</u>	<u>0.01</u>	<u>0.01</u>
1111	<u>ethyl nonafluorobutyl ether*</u>	<u>0.19</u>	<u>0.19</u>
1112	<u>ethyl nonafluoroisobutyl ether*</u>	<u>0.19</u>	<u>0.19</u>
1113	<u>perfluoro-n-hexane*</u>	<u>0.00</u>	<u>0.00</u>
1114	<u>2-chlorotoluene*</u>	<u>2.82</u>	<u>2.82</u>
1115	<u>m-nitrotoluene*</u>	<u>0.48</u>	<u>0.48</u>
1116	<u>benzotrifluoride</u>	<u>0.26</u>	<u>0.28</u>
1117	<u>p-trifluoromethyl-chloro-benzene</u>	<u>0.11</u>	<u>0.12</u>
1118	<u>p-toluene isocyanate</u>	<u>0.93</u>	<u>1.03</u>
1119	<u>3-(chloromethyl)-heptane*</u>	<u>0.88</u>	<u>0.88</u>
1120	<u>cyclosiloxane D4; octamethylcyclotetrasiloxane*</u>	<u>0.00</u>	<u>0.00</u>
1121	<u>cumene hydroperoxide; 1-methyl-1-phenylethylhydroperoxide**</u>	<u>12.61</u>	<u>8.83</u>
1122	<u>2,4-toluene diisocyanate*</u>	<u>0.00</u>	<u>0.00</u>
1123	<u>2,6-toluene diisocyanate*</u>	<u>0.00</u>	<u>0.00</u>
1124	<u>toluene diisocyanate (mixed isomers)*</u>	<u>0.00</u>	<u>0.00</u>
1125	<u>molinate; S-ethyl hexahydro-1H-azepine-1-carbothioate*</u>	<u>1.43</u>	<u>1.43</u>
1126	<u>EPTC; S-ethyl dipropyl-thiocarbamate*</u>	<u>1.58</u>	<u>1.58</u>
1127	<u>triisopropanolamine*</u>	<u>2.60</u>	<u>2.60</u>
1128	<u>dexpanthenol; pantothenylol**</u>	<u>9.35</u>	<u>5.98</u>
1129	<u>pebulate; S-propyl butylethylthiocarbamate*</u>	<u>1.58</u>	<u>1.58</u>
1130	<u>cyclosiloxane D5; decamethylcyclopentasiloxane*</u>	<u>0.00</u>	<u>0.00</u>
1131	<u>thiobencarb; S-[4-chlorobenzyl] N,N-diethylthiolcarbamate*</u>	<u>0.65</u>	<u>0.65</u>
1132	<u>methylene diphenylene diisocyanate</u>	<u>0.79</u>	<u>0.87</u>
1133	<u>lauryl pyrrolidone*</u>	<u>0.89</u>	<u>0.89</u>
	<u>Complex Mixtures</u>		
1134	<u>base ROG mixture</u>	<u>3.71</u>	<u>3.50</u>
1135	<u>final LEV – RFA*</u>	<u>3.44</u>	<u>3.44</u>
1136	<u>TLEV exhaust -- RFA*</u>	<u>3.89</u>	<u>3.89</u>
1137	<u>TLEV exhaust – phase 2*</u>	<u>3.85</u>	<u>3.85</u>
1138	<u>final LEV -- phase 2*</u>	<u>3.34</u>	<u>3.34</u>
1139	<u>TLEV exhaust -- LPG*</u>	<u>1.99</u>	<u>1.99</u>

1140	<u>TLEV exhaust -- CNG*</u>	<u>0.70</u>	<u>0.70</u>
1141	<u>TLEV exhaust -- E-85*</u>	<u>2.46</u>	<u>2.46</u>
1142	<u>TLEV exhaust -- M-85*</u>	<u>1.53</u>	<u>1.53</u>
1143	<u>composite mineral spirit (naphthas or lactol spirits) (ARB Profile ID 802)*</u>	<u>1.75</u>	<u>1.75</u>
1144	<u>Safety-Kleen mineral spirits "A" (Type I-B, 91% alkanes)*</u>	<u>1.11</u>	<u>1.11</u>
1145	<u>Safety-Kleen mineral spirits "B" (Type II-C)*</u>	<u>0.65</u>	<u>0.65</u>
1146	<u>Safety-Kleen mineral spirits "C" (Type II-C)*</u>	<u>0.65</u>	<u>0.65</u>
1147	<u>Exxon Exxol® D95 Fluid*</u>	<u>0.55</u>	<u>0.55</u>
1148	<u>Safety-Kleen mineral spirits "D" (Type II-C)*</u>	<u>0.65</u>	<u>0.65</u>
1149	<u>Exxon Isopar® M Fluid*</u>	<u>0.54</u>	<u>0.54</u>
1150	<u>thinning solvent/mineral spirits (Cal Poly SLO 1996)*</u>	<u>1.79</u>	<u>1.79</u>
1151	<u>Aromatic 100®*</u>	<u>7.38</u>	<u>7.38</u>
1152	<u>kerosene*</u>	<u>1.46</u>	<u>1.46</u>
1153	<u>regular mineral spirits*</u>	<u>1.73</u>	<u>1.73</u>
1154	<u>reduced aromatics mineral spirits*</u>	<u>1.08</u>	<u>1.08</u>
1155	<u>dearomatized alkanes, mixed, predominately C10-C12*</u>	<u>0.80</u>	<u>0.80</u>
1156	<u>VMP naphtha*</u>	<u>1.12</u>	<u>1.12</u>
1157	<u>synthetic isoparaffinic alkane mixture, predominately C10-C12*</u>	<u>0.68</u>	<u>0.68</u>
1158	<u>oxo-tridecyl acetate</u>	<u>0.67</u>	<u>0.54</u>
1159	<u>oxo-dodecyl acetate</u>	<u>0.72</u>	<u>0.58</u>
1160	<u>oxo-decyl acetate</u>	<u>0.83</u>	<u>0.66</u>
1161	<u>oxo-nonyl acetate</u>	<u>0.85</u>	<u>0.69</u>
1162	<u>oxo-octyl acetate</u>	<u>0.96</u>	<u>0.78</u>
1163	<u>oxo-heptyl acetate</u>	<u>0.97</u>	<u>0.80</u>
1164	<u>oxo-hexyl acetate</u>	<u>1.03</u>	<u>0.84</u>
1165	<u>turpentine*</u>	<u>4.12</u>	<u>4.12</u>
1166	<u>soy methyl esters; alkyl C16-C18 methyl esters*</u>	<u>1.52</u>	<u>1.52</u>

* This reactive organic compound was added to the Table of MIR Values on [30 days after the amendments are approved by the Office of Administrative Law], and may be used in aerosol coating products after this date, as specified in section 94522(h)(2)(B), title 17, California Code of Regulations

** ULMIR (as defined in section 94521(a)(71), title 17, California Code of Regulations.)

NOTE: Authority cited: Sections 39600, 39601, and 41712, Health and Safety Code. Reference: Sections 39002, 39600, 40000 and 41712, Health and Safety Code.

§ 94701. MIR Values for Hydrocarbon Solvents.

(a) Aliphatic Hydrocarbon Solvents

<i>Bin</i>	<i>Average Boiling Point* (degrees F)</i>	<i>Criteria</i>	<i>MIR Value (July 18, 2001)</i>	<i>MIR Value (Effective Date)</i>
1	80-205	Alkanes (< 2% Aromatics)	2.08	<u>1.33</u>
2	80-205	N- & Iso-Alkanes (≥ 90% and < 2% Aromatics)	1.59	<u>1.23</u>
3	80-205	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	2.52	<u>1.53</u>
4	80-205	Alkanes (2 to < 8% Aromatics)	2.24	<u>1.37</u>
5	80-205	Alkanes (8 to 22% Aromatics)	2.56	<u>1.47</u>
6	>205-340	Alkanes (< 2% Aromatics)	1.41	<u>1.08</u>
7	>205-340	N- & Iso-Alkanes (≥ 90% and < 2% Aromatics)	1.17	<u>0.95</u>
8	>205-340	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	1.65	<u>1.34</u>
9	>205-340	Alkanes (2 to < 8% Aromatics)	1.62	<u>1.35</u>
10	>205-340	Alkanes (8 to 22% Aromatics)	2.03	<u>1.88</u>
11	>340-460	Alkanes (< 2% Aromatics)	0.91	<u>0.63</u>
12	>340-460	N- & Iso-Alkanes (≥ 90% and < 2% Aromatics)	0.81	<u>0.55</u>
13	>340-460	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	1.01	<u>0.79</u>
14	>340-460	Alkanes (2 to < 8% Aromatics)	1.21	<u>0.91</u>
15	>340-460	Alkanes (8 to 22% Aromatics)	1.82	<u>1.48</u>
16	>460-580	Alkanes (< 2% Aromatics)	0.57	<u>0.47</u>
17	>460-580	N- & Iso-Alkanes (≥ 90% and < 2% Aromatics)	0.51	<u>0.43</u>
18	>460-580	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	0.63	<u>0.54</u>
19	>460-580	Alkanes (2 to < 8% Aromatics)	0.88	<u>0.61</u>
20	>460-580	Alkanes (8 to 22% Aromatics)	1.49	<u>0.89</u>

* Average Boiling Point = (Initial Boiling Point + Dry Point) / 2

(b) Aromatic Hydrocarbon Solvents

<i>Bin</i>	<i>Boiling Range (degrees F)</i>	<i>Criteria</i>	<i>MIR Value (July 18, 2001)</i>	<i>MIR Value (Effective Date)</i>
21	280-290	Aromatic Content (≥ 98%)	7.37	<u>7.44</u>
22	320-350	Aromatic Content (≥ 98%)	7.51	<u>7.39</u>
23	355-420	Aromatic Content (≥ 98%)	8.07	<u>6.66</u>
24	450-535	Aromatic Content (≥ 98%)	5.00	<u>3.76</u>