

Reference	Compound Name	MS	Concentration	SS	Total
2.5	Acenaphthene	25.3-88 (ng/cig) <sup>18</sup> , 0.1218 (microgig) <sup>11</sup> , 25.3 (ng/cig) <sup>14</sup> , 0.54-76.4 (ng/cig) <sup>18</sup>	0.51-0.53 (ng/m <sup>3</sup> ) <sup>61</sup>		
2.5	Acenaphthylene	50.4-153 (ng/cig) <sup>18</sup> , 0.2936 (microgig) <sup>11</sup> , 50.4 (ng/cig) <sup>14</sup> , 0.57-227 (ng/cig) <sup>18</sup>			
1.3,5,6,7 6,7,13	Acetaldehyde	680 (microgig) <sup>13</sup> , 0.5-1.2 (mg/cig) <sup>13</sup> , 627 (microgig) <sup>22</sup> , 730 (microgig) <sup>22</sup> , 187-852 (microgig) <sup>18</sup> , 7.05-8.38 (ppm) <sup>10</sup> , 96.1-920 (microgig) <sup>22</sup>	1571 (microgig) <sup>25</sup> , 4.2 (mg/cig) <sup>20</sup> , 4237 (microgig) <sup>10</sup> , 462.4-462.6 (g/m <sup>3</sup> ) <sup>61</sup>		674 , 606-697 (microgig) <sup>11</sup> ; 544 (microgig) <sup>12</sup> , 1491-2902 (microgig) <sup>10</sup> , 144-828 (microgig) <sup>13</sup>
3,4,5,6,8	Acetamide	70-100 (microgig) <sup>13</sup> , 2.2 (microgig) <sup>13</sup>			
3,4,5,6,8	Acetic Acid	330-810 (microgig) <sup>20</sup> , 270-810 (microgig) <sup>13</sup>			
1,3,4,5,6,8	Acetone	287 (microgig) <sup>11</sup> , 100-250 (microgig) <sup>20</sup> , 100-250 (microgig) <sup>13</sup> , 380 (microgig) <sup>22</sup> , 41.7-351 (microgig) <sup>12</sup>	917 (microgig) <sup>25</sup>		338 , 291-310 (microgig) <sup>11</sup> ; 284 (microgig) <sup>12</sup> , 132.7-819.4 (microgig) <sup>10</sup>
12,22,13,20	Acetonitrile	50-130 (microgig) <sup>13</sup> , 133 (microgig) <sup>22</sup>	0.8-1 (mg/cig) <sup>27</sup>		
5,6,13	Acetylene	20-40 (microgig) <sup>13</sup>			
1,3,4,5,6,7,8	Acrolein	68.8 (microgig) <sup>13</sup> , 60-100 (microgig) <sup>20</sup> , 60-100 (microgig) <sup>13</sup> , 73 (microgig) <sup>20</sup> , 75 (microgig) <sup>22</sup> , 18.4-74.7 (microgig) <sup>18</sup> , 0.48-0.56 (ppm) <sup>10</sup> , 4.3-100 (microgig) <sup>10</sup>	306 (microgig) <sup>20</sup> , 0.7-1.4 (mg/cig) <sup>20</sup> , 1262 (microgig) <sup>10</sup>		69 , 72.2-93.3 (microgig) <sup>11</sup> ; 48.9 (microgig) <sup>12</sup> , 15.5-98.2 (microgig) <sup>13</sup>
6	Acrylamide	1.1 (microgig) <sup>13</sup> , 1.1-2.34 (microgig) <sup>18</sup>			
1,6,7,22,25	Acrylonitrile	8.9 (microgig) <sup>22</sup> , 12.58 (microgig) <sup>17</sup> , 7.6 (microgig) <sup>18</sup> , 0.83-11.6 (microgig) <sup>18</sup>	86.2 (microgig) <sup>15</sup> , 0.2 (mg/cig) <sup>20</sup>		9.4 , 26.2-28.8 (microgig) <sup>11</sup> ; 9.08 (microgig) <sup>12</sup> , 0.5-19.6 (microgig) <sup>13</sup>
11	Aldin	0.2107 (microgig) <sup>11</sup>			
3,5,6	Anabasine	<0.01-0.13 (mg/cig) <sup>22</sup>	0.02-0.04 (mg/cig) <sup>22</sup>		
3,4,5,6,8	Anatabine	0.02-0.19 (mg/cig) <sup>12</sup> , 2-20 (microgig) <sup>20</sup> , 2-20 (microgig) <sup>13</sup>	<0.01-0.14 (mg/cig) <sup>22</sup>		
4,6,7,8,13	Aniline	69.29 (ng/cig) <sup>11</sup> , 360 (ng/cig) <sup>20</sup> , 360 (ng/cig) <sup>13</sup>			
14,33	Antiso-dotriacontane				79.1 (microgig) <sup>13</sup>
14,33	Antiso-hentriacontane				10.5 (microgig) <sup>13</sup>
33	Antiso-tetratriacontane				6.5 (microgig) <sup>13</sup>
14,33	Antiso-triacontane				40.7 (microgig) <sup>13</sup>
33	Antiso-triacontane				6.2 (microgig) <sup>13</sup>
1,2,3,5,13	Anthracene	0.024 (microgig) <sup>14</sup> , 35.8-74.9 (ng/cig) <sup>10</sup> , 0.044 (microgig) <sup>11</sup> , 38.1 (ng/cig) <sup>14</sup> , 24 (ng/cig) <sup>13</sup>	0.67 (microgig) <sup>15</sup> , 0.7 (microgig) <sup>20</sup> , 0.44-0.51 (ng/m <sup>3</sup> ) <sup>61</sup>		0.76 (microgig) <sup>13</sup>
5,33	Arachidic Acid (Eicosanoic acid)				26.2 (microgig) <sup>13</sup>
33	Benzacenaphthylene				0.3 (microgig) <sup>13</sup>
5,30	Benzaldehyde		23.1-26.4 (g/m <sup>3</sup> ) <sup>61</sup>		
1,3,4,5,6,7,8	Benzene	46.3 (microgig) <sup>28</sup> , 0.05-104 (microgig) <sup>17</sup> , 43.6 (microgig) <sup>11</sup> , 12-48 (microgig) <sup>20</sup> , 36-68 (microgig) <sup>13</sup> , 45.2 (microgig) <sup>10</sup> , 59 (microgig) <sup>27</sup> , 1.1-50.6 (microgig) <sup>18</sup>	272 (microgig) <sup>20</sup> , 0.3-0.7 (mg/cig) <sup>20</sup> , 299 (microgig) <sup>10</sup> , 49.5-52.3 (g/m <sup>3</sup> ) <sup>61</sup>		49.3 , 63.5-67.3 (microgig) <sup>11</sup> ; 39.5 (microgig) <sup>12</sup> , 0.8-58.9 (microgig) <sup>13</sup>
47	Benzofluorene	0.2 (ng/cig) <sup>11</sup>			
1,2,3,4,5,7,8	Benzo[ <i>a</i> ]pyrene	0.0099 (microgig) <sup>25</sup> , 7.6-14.7 (ng/cig) <sup>10</sup> , 0.0086 (microgig) <sup>11</sup> , 7.9 (ng/cig) <sup>14</sup> , 9-40 (microgig) <sup>13</sup> , 9.2 (ng/cig) <sup>15</sup> , 0.79-9.2 (ng/cig) <sup>12</sup> , 0.004-0.108 (microgig) <sup>13</sup>	0.141 (microgig) <sup>25</sup> , 0.1 (microgig) <sup>20</sup> , 147.9 (ng/cig) <sup>10</sup> , 2.79-2.77 (ng/m <sup>3</sup> ) <sup>61</sup>		6.51 , 10-12.4 (ng/cig) <sup>11</sup> ; 6.5 (ng/cig) <sup>12</sup> , <0.6-14.47 (ng/cig) <sup>13</sup>
1,2,3,4,7,8	Benzo[ <i>a</i> ]anthracene	0.045 (microgig) <sup>25</sup> , 13.2-22.6 (ng/cig) <sup>10</sup> , 0.0095 (microgig) <sup>11</sup> , 13.2 (ng/cig) <sup>14</sup> , 10.5 (ng/cig) <sup>15</sup> , Trace-0.08 (microgig) <sup>13</sup>	0.2 (microgig) <sup>25</sup> , 197.5 (ng/cig) <sup>10</sup> , 4.56-4.63 (ng/m <sup>3</sup> ) <sup>61</sup>		<0.6-26.82 (ng/cig) <sup>13</sup>
1,2,3,7,25	Benzo[ <i>b</i> ]fluoranthene	13 (microgig) <sup>20</sup> , 8.6-18.3 (ng/cig) <sup>10</sup> , 8.6 (ng/cig) <sup>14</sup>	1.88-2.14 (ng/m <sup>3</sup> ) <sup>61</sup>		<1.1-11.37 (ng/cig) <sup>13</sup>
3	Benzo[ <i>b</i> ]pyrene	2.9-6.4 (ng/cig) <sup>10</sup> , 4 (ng/cig) <sup>14</sup>			
3	Benzo[ <i>ghi</i> ]perylene	0.0005 (microgig) <sup>11</sup> , 2.5 (ng/cig) <sup>14</sup>	1.61-1.69 (ng/m <sup>3</sup> ) <sup>61</sup>		
3,13	Benzo[ <i>k</i> ]fluoranthene	10 (ng/cig) <sup>13</sup>			
1,3,7,25	Benzo[ <i>kl</i> ]fluoranthene	0.00135 (microgig) <sup>25</sup>			<1.3-6.29 (ng/cig) <sup>13</sup>
1,2,3,7,25	Benzo[ <i>ghi</i> ]perylene	0.009 (microgig) <sup>20</sup> , 1.5-3.9 (ng/cig) <sup>10</sup> , 1.5 (ng/cig) <sup>14</sup>	1.38-1.42 (ng/m <sup>3</sup> ) <sup>61</sup>		<1.3-4.03 (ng/cig) <sup>13</sup>
3,4,5,8,13	Benzoic Acid	14-28 (microgig) <sup>20</sup> , 14-28 (microgig) <sup>13</sup>			
13	Benzonitrile	5-6 (microgig) <sup>13</sup>	16.4-18 (g/m <sup>3</sup> ) <sup>61</sup>		
11	Benzenesulfoxide	0.0173 (mg/cig) <sup>11</sup>			
1,5,25	Butylaldehyde (butanal)	32.4 (microgig) <sup>20</sup>	88.2 (microgig) <sup>15</sup>		35.1 , 30.6-35.3 (microgig) <sup>11</sup> ; 32.7 (microgig) <sup>12</sup> , 88.6-928.3 (microgig) <sup>10</sup>
3,6,13	Campesterol	42.7 (microgig) <sup>24</sup> , 43 (microgig) <sup>13</sup>	25.8 (microgig) <sup>12</sup>		92.8 (microgig) <sup>13</sup>
33	Capric acid (decanoic acid)				2.9 (microgig) <sup>13</sup>
3,4,5,6,8	CO <sub>2</sub>	20-40 (mg/cig) <sup>20</sup> , 20-50 (mg/cig) <sup>13</sup> , 41.9 (mg/cig) <sup>18</sup>	474 (mg/cig) <sup>20</sup> , 474 (mg/cig) <sup>18</sup>		
1,3,4,5,6,7,8	CO	13.609 (microgig) <sup>25</sup> , 10-23 (mg/cig) <sup>12</sup> , 10-23 (mg/cig) <sup>11</sup> , 11.3 (mg/cig) <sup>10</sup> , 0.66-11.1 (mg/cig) <sup>15</sup> , 158-183 (ppm) <sup>10</sup> , 1.7-16.1 (mg/cig) <sup>12</sup>	42.451 (microgig) <sup>20</sup> , 41-67 (mg/cig) <sup>20</sup> , 54.1 (mg/cig) <sup>18</sup>		12.8 , 14-15.2 (mg/cig) <sup>11</sup> ; 12.2 (mg/cig) <sup>12</sup> , 0.5-17.6 (mg/cig) <sup>13</sup>
3,4,8	Carbonil sulfide	12-42 (microgig) <sup>10</sup> , 18-42 (microgig) <sup>13</sup>			
1,3,4,5,6,8,31	Catechol	148-362 (microgig) <sup>11</sup> , 100-360 (microgig) <sup>10</sup> , 100-360 (microgig) <sup>13</sup> , 38 (microgig) <sup>16</sup> , 6.25-40.6 (microgig) <sup>18</sup> , 4-64.3 (microgig) <sup>22</sup>	138-292 (microgig) <sup>11</sup> , 46-189 (microgig) <sup>20</sup>		35.3 , 57-64 (microgig) <sup>11</sup> ; 38.5 (microgig) <sup>12</sup> , 12.7 (microgig) <sup>13</sup> , 4.4-109.9 (microgig) <sup>13</sup>
5,33	Cerotic acid (Hexacosanoic acid)				4.5 (microgig) <sup>13</sup>
1,25	Chlorinated dioxins and furans	0.000075 (microgig) <sup>25</sup>	0.000152 (microgig) <sup>25</sup>		
4,6,8,13	Cholesterol	8.5-22 (microgig) <sup>28,45</sup> , 22 (microgig) <sup>13</sup>	18.8 (microgig) <sup>27</sup>		23.3 (microgig) <sup>13</sup>
33	Cholest-5-en-3 beta-ol acetate (Cholesterol acetate)				28.2 (microgig) <sup>13</sup>
1,2,3,5,7	Chrysene	0.05 (microgig) <sup>25</sup> , 11.2-31.4 (ng/cig) <sup>10</sup> , 21.8 (ng/cig) <sup>14</sup>	5.39-5.6 (ng/m <sup>3</sup> ) <sup>61</sup>		
3,5	Cotinine	<0.01-0.07 (mg/cig) <sup>22</sup>	<0.01-0.03 (mg/cig) <sup>22</sup>		52.8 (microgig) <sup>13</sup>
1,3,5,22,25	Crotonaldehyde	14.2 (microgig) <sup>15</sup> , 26 (microgig) <sup>22</sup>	80.9 (microgig) <sup>25</sup>		24.9 , 28.6-35.2 (microgig) <sup>11</sup> ; 13.4 (microgig) <sup>12</sup>
64	Cyclopentadiene				Trace <sup>64</sup>
25	Cyclopentane				0.12 (microgig/puff) <sup>64</sup>
64	Cyclopentane				0.4 (microgig/puff) <sup>64</sup>
13	Cyclotene (Hydroxy-3-methyl-2-cyclopentanone)	3-5 (microgig) <sup>13</sup>			
11	DDT (4,4'-DDT)	0.0318 (microgig) <sup>11</sup>			
1,3,7,25	Dibenz[ <i>a,h</i> ]acridine	0.001 (microgig) <sup>25</sup>	0.25-0.28 (ng/m <sup>3</sup> ) <sup>61</sup>		<0.6-1.873 (ng/cig) <sup>13</sup>
3,7,25	Dibenz[ <i>a,h</i> ]anthracene	0.004 (microgig) <sup>25</sup> , 0.6 (ng/cig) <sup>14</sup> , 0.004-0.076 (microgig) <sup>10</sup>			
1,3,7,25	Dibenz[ <i>a,i</i> ]acridine	0.0027 (microgig) <sup>25</sup> , <1 (ng/cig) <sup>18</sup>			
1,3,7,25	Dibenz[ <i>a,j</i> ]pyrene	0.0025 (microgig) <sup>25</sup>			
20	Diethylnitrosamine		<0.1-0.1 (microgig) <sup>20</sup>		
5,25,20	Dimethylamine	7.8-10 (microgig) <sup>20</sup>	0.3-1 (microgig) <sup>20</sup>		
20	Dimethylnitrosamine				
33	Docosane	6-22 (microgig) <sup>14</sup>			5.3 (microgig) <sup>13</sup>
33	Docosanoic acid				19.4 (microgig) <sup>13</sup>
33	Docosanol	5.6-12.4 (microgig) <sup>18</sup>			23.8 (microgig) <sup>13</sup>
33	Dotriacontane	97-194 (microgig) <sup>18</sup>			38.3 (microgig) <sup>13</sup>
33	Eicosanol	1.7-3.7 (microgig) <sup>18</sup>			21.6 (microgig) <sup>13</sup>
57	Elemicin	6.6-38.9 (ng/cig) <sup>27</sup>			
65	Endotoxin	17.4 (pmol/cig) <sup>65</sup>			
3	Esculetin				7.3 (microgig) <sup>13</sup>
22,25,30	Ethylbenzene	5.81 (microgig) <sup>11</sup>	130 (microgig) <sup>25</sup>		Trace <sup>64</sup>
64	Ethylacetylene		20.8-24.8 (g/m <sup>3</sup> ) <sup>61</sup>		
1	Ethylbenzene		<0.1 (microgig) <sup>20</sup>		
20	Ethylmethylnitrosamine				
3	Eugenol	77.8-608 (ng/cig) <sup>10</sup>			0.95 (microgig) <sup>13</sup>
2,3,5,6,13,20	Fluoranthene	0.061 (microgig) <sup>14</sup> , 46.2-101 (ng/cig) <sup>10</sup> , 0.027 (microgig) <sup>11</sup> , 46.2 (ng/cig) <sup>14</sup> , 60-150 (ng/cig) <sup>12</sup> , 0.69-49.9 (ng/cig) <sup>18</sup>	0.67 (microgig) <sup>15</sup> , 0.7 (microgig) <sup>20</sup> , 2.19-2.42 (ng/m <sup>3</sup> ) <sup>61</sup>		
2,3,5	Fluorocyclohexane	119-257 (ng/cig) <sup>11</sup> , 0.1056 (microgig) <sup>11</sup> , 119 (ng/cig) <sup>14</sup> , 5.37-326 (ng/cig) <sup>18</sup>	0.51-0.52 (ng/m <sup>3</sup> ) <sup>61</sup>		
1,3,4,5,6,8	Formaldehyde	33 (microgig) <sup>25</sup> , 70-100 (microgig) <sup>22</sup> , 17 (microgig) <sup>16</sup> , 17-40.6 (microgig) <sup>18</sup> , 0.27-0.53 (ppm) <sup>10</sup> , 1.2-27.7 (microgig) <sup>12</sup> , 3.4-283 (microgig) <sup>13</sup>	407.8 (microgig) <sup>25</sup> , 0.7 (mg/cig) <sup>20</sup> , 727 (microgig) <sup>10</sup> , 234.1-262.4 (g/m <sup>3</sup> ) <sup>61</sup>		19.5 , 20.5-39.9 (microgig) <sup>11</sup> ; 21.4 (microgig) <sup>12</sup> , 73.8-283.8 (microgig) <sup>10</sup> , 3.7-75.5 (microgig) <sup>13</sup>
3,4,5,6,8	Formic acid	210-490 (microgig) <sup>20</sup> , 210-490 (microgig) <sup>13</sup>			
5,6,22	Furan	36.5-39.9 (g/m <sup>3</sup> ) <sup>61</sup>			
13	Furfuryl alcohol	18-65 (microgig) <sup>13</sup>			
5,33	Furic acid	44-107 (microgig) <sup>13</sup>			
5,33	Gluutaric acid (Pentanedioic acid)	10-58 (microgig) <sup>11</sup>	25-50 (microgig) <sup>11</sup>		15.5 (microgig) <sup>13</sup>
5,6	Glycerol	0.62-0.85 (mg/cig) <sup>18</sup>	6-18 (microgig) <sup>14</sup>		3.7 (microgig) <sup>13</sup>
3,4,8,13	Glycolic acid	37-126 (microgig) <sup>20</sup> , 40-130 (microgig) <sup>13</sup>			
4,8,12	Harman (1-methyl-9H-pyrido [3,4-b]-indole)	1.1-3.1 (microgig) <sup>14</sup> , 1.7-3.1 (microgig) <sup>20</sup>	1.9-3.5 (microgig) <sup>14</sup>		4.9 (microgig) <sup>13</sup>
33	Heneicosane				5.6 (microgig) <sup>13</sup>
33	Heneicosanoic acid				5.4 (microgig) <sup>13</sup>
33	Heneicosanol				26.8 (microgig) <sup>13</sup>
33	Hentriacontane	164-341 (microgig) <sup>18</sup>	148-197 (microgig) <sup>18</sup>		200.6 (microgig) <sup>13</sup>
33	Hentriacontanoic acid				3.3 (microgig) <sup>13</sup>
33	Heptacosane				59.2 (microgig) <sup>13</sup>
33	Heptacosanoic acid	21-131 (microgig) <sup>14</sup>	66-87 (microgig) <sup>14</sup>		2 (microgig) <sup>13</sup>
33	Heptadecanol				38.8 (microgig) <sup>13</sup>
18,22	Heptane		25.1-28 (g/m <sup>3</sup> ) <sup>61</sup>		
33	Hexacosane	3-32 (microgig) <sup>18</sup>			11.1 (microgig) <sup>13</sup>
33	Hexacosanol				12.7 (microgig) <sup>13</sup>
33	Hexadecanol				24.8 (microgig) <sup>13</sup>
17	Hexamine	<0.001-0.21 (microgig) <sup>18</sup>			102.1-380.9 (microgig) <sup>10</sup>
33	Hexanal				0.32 (microgig/puff) <sup>64</sup>
22	Hexane				
1,3,4,6,8	Hydrazine	0.034 (microgig) <sup>25</sup>			
1,3,4,5,6,8	Hydrogen cyanide (Hydrocyanic acid)	116.4 (microgig) <sup>25</sup> , 400-500 (microgig) <sup>20</sup> , 160-500 (microgig) <sup>13</sup> , 89 (microgig) <sup>10</sup> , 76 (microgig) <sup>12</sup> , 3.07-99.3 (microgig) <sup>14</sup> , 13-287 (microgig) <sup>12</sup>	106 (microgig) <sup>15</sup> , 17-53 (microgig) <sup>20</sup> , 53.3 (microgig) <sup>10</sup>		141 , 197-260 (microgig) <sup>11</sup> ; 116 (microgig) <sup>12</sup> , 4.1-265.6 (microgig) <sup>13</sup>

1,3,5,8,13	Hydroquinone	72.2 (microg/cig) <sup>32</sup> , 114-300 (microg/cig) <sup>11</sup> , 110-300 (microg/cig) <sup>21</sup> , 110-300 (microg/cig) <sup>13</sup> , 37 (microg/cig) <sup>34</sup> , 4.37-43.9 (microg/cig) <sup>39</sup> , 3.56-60.6 (microg/cig) <sup>22</sup>	183.5 (microg/cig) <sup>32</sup> , 91-285 (microg/cig) <sup>41</sup> , 26-256 (microg/cig) <sup>20</sup>	34.9, 52.4-60.3 (microg/cig) <sup>11</sup> ; 39.6 (microg/cig) <sup>32</sup> , 283.5 (microg/cig) <sup>33</sup>
1,3,6,25	Indeno[1,2,3-cd]pyrene	0.012 (microg/cig) <sup>32</sup> , 3.5 (ng/cig) <sup>44</sup>	1.36-1.44 (ng/m <sup>3</sup> ) <sup>41</sup>	<0.6-6.84 (ng/cig) <sup>32</sup>
3,6,13	Indole	16-38 (microg/cig) <sup>13</sup>		
3	Ionene	148-362 (microg/cig) <sup>41</sup>	138-292 (microg/cig) <sup>41</sup>	
6	IQ	0.00026-0.00049 (microg/cig) <sup>13</sup>		
33	Isodotriacontane			7.2 (microg/cig) <sup>33</sup>
33	Isoeugenol	265-4210 (ng/cig) <sup>12</sup>		
33	Isohentriacontane			78.7 (microg/cig) <sup>33</sup>
33	Isononacosane			14.1 (microg/cig) <sup>33</sup>
1,5,6,22,13	Isoprene	264 (microg/cig) <sup>32</sup> , 255.5 (microg/cig) <sup>11</sup> , 330-1100 (microg/cig) <sup>13</sup> , 203 (microg/cig) <sup>22</sup> , 62.7-387 (microg/cig) <sup>34</sup>	1140 (microg/cig) <sup>20</sup> , 2.5-6.5 (mg/cig) <sup>20</sup>	361, 530-608 (microg/cig) <sup>11</sup> ; 371 (microg/cig) <sup>22</sup> , 42-586 (microg/cig) <sup>32</sup>
3,13	Isoquinoline	1.6-2 (microg/cig) <sup>13</sup>		
33	Isotetriacontane			1.8 (microg/cig) <sup>33</sup>
23	Isothiacontane			4.9 (microg/cig) <sup>33</sup>
14,33	Iso-tritriacontane			39.5 (microg/cig) <sup>33</sup>
33	Lactic acid (dotriacontanoic acid)			12.1 (microg/cig) <sup>33</sup>
3,4,5,6,8	Lactic acid	63-174 (microg/cig) <sup>32</sup> , 60-170 (microg/cig) <sup>13</sup>		
5,33,39	Lauric acid	up to 34 (microg/cig) <sup>39</sup>		3.9 (microg/cig) <sup>33</sup>
5,33	Levulinic acid (4-oxopentanoic acid)			11.1 (microg/cig) <sup>32</sup>
6,22,13,20	Limonene	15-50 (microg/cig) <sup>13</sup>	<0.1-0.4 (mg/cig) <sup>20</sup> , 59.1-62.5 (g/m <sup>3</sup> ) <sup>41</sup>	
3,5,6,33	Linoleic acid	50-146 (microg/cig) <sup>60</sup>		
33	Margaric acid (heptadecanoic acid)			38.8 (microg/cig) <sup>33</sup>
1,3,5,13,25	m-Cresol	1.6 (microg/cig) <sup>36</sup> , 0.07-2.7 (microg/cig) <sup>34</sup>		13.7 (microg/cig) <sup>33</sup>
5,6,13	Methane	600-1000 (microg/cig) <sup>13</sup>		
4,5,8,13,25	Methyl alcohol	150-600 (microg/cig) <sup>32</sup> , 150-600 (microg/cig) <sup>13</sup>		
1,5,25	Methyl ethyl ketone	54.8 (microg/cig) <sup>25</sup>	175.6 (microg/cig) <sup>32</sup> , 48.8 (g/m <sup>3</sup> ) <sup>41</sup>	80.7, 72.5-82 (microg/cig) <sup>11</sup> ; 67.9 (microg/cig) <sup>22</sup>
5	Methylacetene			0.8 (microg/puff) <sup>44</sup>
4,5,6,8,13	Methylamine	11.5-28.7 (microg/cig) <sup>20</sup> , 12-29 (microg/cig) <sup>13</sup>		
33	Methylbutanedioic acid (methylsuccinic acid)	4-20 (microg/cig) <sup>41</sup>	1-13 (microg/cig) <sup>41</sup>	3.6 (microg/cig) <sup>33</sup>
6	Methylugenol	46.5 (ng/cig) <sup>77</sup>		
13,25	Methylpyrazine	2.5 (microg/cig) <sup>13</sup>		
3	m-Toluidine	22.51 (ng/cig) <sup>17</sup>		
3,5,13	Myosmine	8.8-53.4 (microg/cig) <sup>37,41</sup> , 13-33 (microg/cig) <sup>13</sup>	73-224 (microg/cig) <sup>11</sup> , 0.9-1 (g/m <sup>3</sup> ) <sup>41</sup>	177.9 (microg/cig) <sup>33</sup>
5,33,39	Myristic acid	4-38 (microg/cig) <sup>22</sup>		22.8 (microg/cig) <sup>33</sup>
57	Myristicin	33.8-61.5 (ng/cig) <sup>57</sup>		
2,5,6,13,20	Naphthalene	192-407 (ng/cig) <sup>41</sup> , 1.1351 (microg/g) <sup>11</sup> , 236 (ng/cig) <sup>44</sup> , 2.6 (microg/cig) <sup>13</sup> , 5.58-822 (ng/cig) <sup>48</sup>	53-177 (microg/cig) <sup>20</sup> , 0.36 (ng/m <sup>3</sup> ) <sup>41</sup>	
13	n-Butylamine	0.5-1.5 (microg/cig) <sup>13</sup>		
3,13,20,33	Neophyladiene	61-308 (microg/cig) <sup>36,38</sup> , 66-230 (microg/cig) <sup>13</sup>	70-421 (microg/cig) <sup>30</sup> , 0.1-0.2 (mg/cig) <sup>20</sup>	81.6 (microg/cig) <sup>33</sup>
1,3,4,5,6,7,8	Nicotine	0.19-2.42 (mg/cig) <sup>13</sup> , 1.87-6.98 (mg/cig) <sup>22</sup> , 1-2.5 (mg/cig) <sup>22</sup> , 0.8-2.3 (mg/cig) <sup>13</sup> , 0.79 (mg/cig) <sup>20</sup> , 0.26-0.96 (mg/cig) <sup>30</sup> , 8.6-10.6 (microg/l) <sup>20</sup> , 0.11-1.14 (mg/cig) <sup>22</sup>	919 (microg/cig) <sup>22</sup> , 0.25-2.07 (mg/cig) <sup>22</sup> , 2.7-11.2 (mg/cig) <sup>22</sup> , 5.6 (mg/cig) <sup>20</sup> , 13-16.9 (g/m <sup>3</sup> ) <sup>41</sup>	0.74, 1.12-1.31 (mg/cig) <sup>11</sup> ; 0.79 (mg/cig) <sup>22</sup> , 0.13-1.702 (mg/cig) <sup>33</sup>
5,33	Nicotinic acid			42.6 (microg/cig) <sup>33</sup>
5,13	Nicotinone	4-40 (microg/cig) <sup>13</sup>		
33	N-Isocyanoylnornicotine			8.5 (microg/cig) <sup>33</sup>
59	Nitric oxide	3.8-5.5 (ppm) <sup>29</sup>		
13	Nitrogen (N <sub>2</sub> )	<10 (microg/cig) <sup>13</sup>		
3,4,6,8	Nitrogen oxides	100-600 (microg/cig) <sup>20</sup> , 100-600 (microg/cig) <sup>12</sup> , 234 (microg/cig) <sup>30</sup> , 26.5-351 (microg/cig) <sup>30</sup> , 4-5.7 (ppm) <sup>9</sup> , 45.9-303 (microg/cig) <sup>22</sup>	0.9 (mg/cig) <sup>20</sup> , 0.9 (mg/cig) <sup>20</sup>	319, 204-222 (microg/cig) <sup>11</sup> ; 289 (microg/cig) <sup>22</sup> , 23-377 (microg/cig) <sup>34</sup>
33	N-Methylhexanamide			33.8 (microg/cig) <sup>33</sup>
1,3,25,20	N-Nitrosodibutylamine (NDB)	0.019 (microg/cig) <sup>32</sup> , 5.5-53 (ng/cig) <sup>18</sup> , 18 (ng/cig) <sup>39</sup> , 3-22 (ng/cig) <sup>32</sup>	<0.1 (microg/cig) <sup>30</sup> , 13 (ng/cig) <sup>39</sup>	22, 19.5-26.6 (ng/cig) <sup>11</sup> ; 22.8 (ng/cig) <sup>32</sup>
1,3,13,25,20	N-Nitrosodimethanamine (NAT)	72.2 (microg/cig) <sup>32</sup> , 38-430 (ng/cig) <sup>13</sup> , 0.3-5 (microg/cig) <sup>13</sup> , 1.14 (ng/cig) <sup>39</sup> , 25-141 (ng/cig) <sup>22</sup> , 25-182 (ng/cig) <sup>32</sup>	52.3 (microg/cig) <sup>32</sup> , 0.1 (microg/cig) <sup>30</sup> , 110 (ng/cig) <sup>30</sup>	120, 118-140 (ng/cig) <sup>11</sup> ; 120 (ng/cig) <sup>32</sup>
1,3,4,7,8	N-Nitrosodipentanamine	0.03 (microg/cig) <sup>32</sup> , 20-70 (ng/cig) <sup>13</sup> , 0-70 (ng/cig) <sup>13</sup>		
1,3,4,6,7,8	N-Nitrosodimethylamine	0.0083 (microg/cig) <sup>22</sup> , NA-25 (ng/cig) <sup>22</sup> , <4 (ng/cig) <sup>22</sup> , 0.0076 (microg/cig) <sup>32</sup>	0.0405 (microg/cig) <sup>25</sup>	<5-7.91 (ng/cig) <sup>32</sup>
1,3,4,6,8	N-Nitrosodimethylamine (NDMA)	0.0244 (microg/cig) <sup>22</sup> , 6.5-31.9 (ng/cig) <sup>18</sup> , 10-40 (ng/cig) <sup>22</sup> , 10-40 (ng/cig) <sup>32</sup> , <1.8 (ng/cig) <sup>22</sup> , 0.7-1.62 (microg/cig) <sup>43</sup>	1.41 (microg/cig) <sup>22</sup> , 298 (ng/cig) <sup>24</sup>	
1,3,6,7	N-Nitroso-di-n-butylamine (NDBA)	4.5-18.9 (ng/cig) <sup>41</sup> , <2 (ng/cig) <sup>24</sup>		
3,6	N-Nitroso-di-n-propylamine	<1.5 (ng/cig) <sup>44</sup>		
1,3,6,25	N-Nitrosoethylmethylamine	0.006 (microg/cig) <sup>25</sup>		
25	N-Nitroso-n-butylamine (NBA)	0.012 (microg/cig) <sup>25</sup>		
1,3,4,6,7,8,13,13,N	N-Nitrosomornicinoline (NINN)	1.9 (microg/cig) <sup>25</sup> , 28-730 (ng/cig) <sup>10</sup> , 200-3000 (ng/cig) <sup>20</sup> , 0.2-3 (microg/cig) <sup>13</sup> , 101 (ng/cig) <sup>24</sup> , 24-134 (ng/cig) <sup>15</sup> , 18-158 (ng/cig) <sup>22</sup>	48.8 (microg/cig) <sup>25</sup> 0.2-1.7 (microg/cig) <sup>20</sup> , 171 (ng/cig) <sup>24</sup>	106, 109-142 (ng/cig) <sup>22</sup> ; 104 (ng/cig) <sup>22</sup> , 11-270 (ng/cig) <sup>33</sup>
3,6,7	N-Nitrosoperidine	<2.3 (ng/cig) <sup>25</sup>		
1,3,4,6,7,8	N-Nitrosopyrrolidine (NPNR)	0.113 (microg/cig) <sup>25</sup> , 4.3-49.6 (ng/cig) <sup>15</sup> , 6-30 (ng/cig) <sup>13</sup> , 6-30 (ng/cig) <sup>13</sup> , 14 (ng/cig) <sup>24</sup>	0.2-0.4 (microg/cig) <sup>25</sup> , 182 (ng/cig) <sup>16</sup>	<7-19.7 (ng/cig) <sup>33</sup>
1,3,4,6,8	[4-N-methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone] (NNK)	0.3 (microg/cig) <sup>25</sup> , 16-369 (ng/cig) <sup>15</sup> , 100-1000 (ng/cig) <sup>20, 0.1-1 (microg/cig)<sup>25</sup></sup>	0.195 (microg/cig) <sup>25</sup> , 0.4 (microg/cig) <sup>25</sup> , 419 (ng/cig) <sup>16</sup>	96, 43.4-47.4 (ng/cig) <sup>11</sup> ; 86.8 (ng/cig) <sup>22</sup> , <12-223.5 (ng/cig) <sup>33</sup>
33	Nonacosane	30-104 (microg/cig) <sup>24</sup>	28-39 (microg/cig) <sup>33</sup>	58 (microg/cig) <sup>33</sup>
33	Nonacosanoic acid			4 (microg/cig) <sup>33</sup>
33	Nonadecanoic acid			2.3 (microg/cig) <sup>33</sup>
33	Nonadecanol			23.7 (microg/cig) <sup>33</sup>
5,33	Nonylic acid			6.9 (microg/cig) <sup>33</sup>
3,5	Nornicotine	0.25-0.94 (mg/cig) <sup>32</sup>	0.22-1.66 (mg/cig) <sup>32</sup>	
13	n-Propylamine	1.6-3.4 (microg/cig) <sup>13</sup>		
7	o-Antidine			<0.2-5.12 (ng/cig) <sup>32</sup>
1,3,5,13,25	o-Cresol	5.7 (microg/cig) <sup>34</sup> , 1.8 (microg/cig) <sup>30</sup> , 0.07-3.63 (microg/cig) <sup>34</sup>	31 (microg/cig) <sup>30</sup> , 24-98 (microg/cig) <sup>20</sup>	3.04, 4.04-5.75 (microg/cig) <sup>11</sup> ; 2.93 (microg/cig) <sup>32</sup>
33	Octacosane	3-23 (microg/cig) <sup>34</sup>		11.3 (microg/cig) <sup>33</sup>
33	Octacosanoic acid			12.3 (microg/cig) <sup>33</sup>
33	Octadecanal			28.3 (microg/cig) <sup>33</sup>
50	Octanal			55.2-308.3 (microg/cig) <sup>50</sup>
3,5,6,33,40	Oleic acid (cis-9-octadecenoic acid)	21-108 (microg/cig) <sup>40</sup>		22.3 (microg/cig) <sup>33</sup>
3,12	o-Toluidine	10.59 (ng/cig) <sup>11</sup> , 0.6-50.09 (ng/cig) <sup>58</sup>	12.9-15.8 (g/m <sup>3</sup> ) <sup>41</sup>	0.4-144.3 (ng/cig) <sup>33</sup>
1,25,16,26,27	o-Xylene	2.15 (microg/cig) <sup>31</sup>		
3,5,6,33,38,39	Palmitic acid	44-312 (microg/cig) <sup>28,43</sup>		344 (microg/cig) <sup>33</sup>
1,3,5,13,25	p-Cresol	4.1 (microg/cig) <sup>30</sup> , 0.15-6.65 (microg/cig) <sup>34</sup>		
11	Pentachlorophenol	0.0147 (mg/l)		
33	Pentacosane	3-31 (microg/cig) <sup>34</sup>		13.2 (microg/cig) <sup>33</sup>
33	Pentacosanoic acid			3.6 (microg/cig) <sup>33</sup>
33	Pentacosanol			39.4 (microg/cig) <sup>33</sup>
33	Pentadecanoic acid			18 (microg/cig) <sup>33</sup>
33	Pentadecanol			21.4 (microg/cig) <sup>33</sup>
22	Pentane			1.2 (microg/puff) <sup>44</sup>
33	Pentatriacontane			2.8 (microg/cig) <sup>33</sup>
2,3,5,13,20	Phenanthrene	0.075 (microg/cig) <sup>10</sup> , 110-147.7 (ng/cig) <sup>40</sup> , 0.021 (microg/g) <sup>11</sup> , 110 (ng/cig) <sup>44</sup> , 77 (ng/cig) <sup>13</sup> , 0.98-159 (ng/cig) <sup>38</sup>	2.1 (microg/cig) <sup>10</sup> , 2.4 (microg/cig) <sup>20</sup> , 2-2.34 (ng/m <sup>3</sup> ) <sup>41</sup>	2.6 (microg/cig) <sup>33</sup>
1,3,4,5,6,8	Phenol	26.1 (microg/cig) <sup>22</sup> , 0.0742 (mg/g) <sup>13</sup> ; 60-140 (microg/cig) <sup>21</sup> , 60-140 (microg/cig) <sup>13</sup> , 6.8 (microg/cig) <sup>20</sup> , 0.49-11.8 (microg/cig) <sup>20</sup> , 0.66-19.2 (microg/cig) <sup>22</sup>	330 (microg/cig) <sup>22</sup> , 44-371 (microg/cig) <sup>22</sup>	9.8, 17.3-26.3 (microg/cig) <sup>11</sup> ; 8.89 (microg/cig) <sup>22</sup> , 0.3-68 (microg/cig) <sup>33</sup>
13,33	Phenylacetic acid (Benzeneacetic acid)	0.6-41 (microg/cig) <sup>24,41</sup> , 11-38 (microg/cig) <sup>13</sup>	11-30 (microg/cig) <sup>77</sup>	46.5 (microg/cig) <sup>33</sup>
57	Piperonal	66-1010 (ng/cig) <sup>57</sup>		
64	Propadiene			
1,5,13,25	Propionaldehyde (propanal)	49.8 (microg/cig) <sup>25</sup> , 175-250 (microg/cig) <sup>11</sup> , 67 (microg/cig) <sup>22</sup> , 12.5- 64.8 (microg/cig) <sup>38</sup>	128.3 (microg/cig) <sup>25</sup> , 0.9 (mg/cig) <sup>25</sup> , 942 (microg/cig) <sup>16</sup> , 32.4-34.7 (g/m <sup>3</sup> ) <sup>41</sup>	0.52 (microg/puff) <sup>44</sup>
22	Propionitrile	13 (microg/cig) <sup>22</sup>		56.4, 53.8-66.2 (microg/cig) <sup>11</sup> ; 48.2 (microg/cig) <sup>22</sup> , 171.1-349.3 (microg/cig) <sup>20</sup> , 10.7-71.8 (microg/cig) <sup>33</sup>
3	p-Toluidine	25.06 (ng/cig) <sup>77</sup>		
13	Pyranone (5,6-Dihydro-3,5-Dihydroxy-2-methyl-4H-pyran-4-one)	13-150 (microg/cig) <sup>13</sup>		
3,5,13,20	Pyrene	0.043 (microg/cig) <sup>10</sup> , 32.1-77 (ng/cig) <sup>20</sup> , 0.0377 (microg/g) <sup>11</sup> , 33.2 (ng/cig) <sup>44</sup> , 45-140 (microg/cig) <sup>11</sup> , 0.73-41.8 (ng/cig) <sup>38</sup>	0.47 (microg/cig) <sup>10</sup> , 0.5 (microg/cig) <sup>20</sup> , 2.3-2.67 (ng/m <sup>3</sup> ) <sup>41</sup>	1 (microg/cig) <sup>33</sup>
1,3,4,5,6,8	Pyridine	11.8 (microg/cig) <sup>25</sup> , 16-40 (microg/cig) <sup>20</sup> , 16-46 (microg/cig) <sup>13</sup> , 2096 (ng/cig) <sup>34</sup> , 7.82 (microg/cig) <sup>30</sup>	55.8 (microg/cig) <sup>25</sup> , 0.3 (mg/cig) <sup>25</sup> , 54-62.5 (g/m <sup>3</sup> ) <sup>41</sup>	7.7, 18.7-22.6 (microg/cig) <sup>11</sup> ; 7.22 (microg/cig) <sup>22</sup>
1,5,6,22,13	Pyrrole	16-23 (microg/cig) <sup>13</sup>	0.4 (mg/cig) <sup>22</sup>	
1,3,4,5,6,8	Quinoline	0.356 (microg/cig) <sup>13</sup> , 0.5-2 (microg/cig) <sup>20</sup> , 0.5-2 (microg/cig) <sup>13</sup> , 235 (ng/cig) <sup>44</sup>	10.1 (microg/cig) <sup>25</sup>	0.34, 0.58-0.712 (microg/cig) <sup>11</sup> ; 0.28 (microg/cig) <sup>22</sup>
58	Resorcinol	0.08-0.76 (microg/cig) <sup>18</sup>		
1,3,5,25	Resorcinol	1.2 (microg/cig) <sup>21</sup> ; 3 (microg/cig) <sup>38</sup>	0.94 (microg/cig) <sup>25</sup>	<1.1 (microg/cig) <sup>11</sup> ; 0.542 (microg/cig) <sup>22</sup>
3,5,6	Solaneseol		4.8-4.9 (g/m <sup>3</sup> ) <sup>41</sup>	
3,5,6,33,38,39	Stearic acid	9-107 (microg/cig) <sup>38,40</sup>		73 (microg/cig) <sup>33</sup>
3,5,6	Stigmatierol	78 (microg/cig) <sup>42</sup>		252.2 (microg/cig) <sup>33</sup>
1,6,7,22,25	Styrene	5.71 (microg/cig) <sup>30</sup> , 3.09 (microg/cig) <sup>11</sup> , 2.1 (microg/cig) <sup>34</sup>	53.6 (microg/cig) <sup>42</sup>	7.9, 18.3-20 (microg/cig) <sup>11</sup> ; 6.64 (microg/cig) <sup>22</sup>
3,4,5,8,13,33	Succinic acid (Butanedioic acid)	112-163 (microg/cig) <sup>11</sup> , 110-140 (microg/cig) <sup>20</sup> , 70-140 (microg/cig) <sup>13</sup>	99.5 (microg/cig) <sup>25</sup> , 20.8-24.4 (g/m <sup>3</sup> ) <sup>41</sup>	30.7 (microg/cig) <sup>33</sup>
21	Tar	4.5-28.1 (mg/cig) <sup>10</sup> , 2.36-9.47 (mg/cig) <sup>38</sup>	65-70 (microg/cig) <sup>41</sup>	9.3, 14.2-15.5 (mg/cig) <sup>11</sup> ; 9.35 (mg/cig) <sup>22</sup> , 1.17-23.05 (mg/cig) <sup>33</sup>

33	Tetracosane	3-105 (microg/cig) <sup>14</sup>			7.6 (microg/cig) <sup>33</sup>
1,3,4,5,6,7,8	Toluene	72.8 (microg/cig) <sup>25</sup> , 60.7 (microg/cig) <sup>11</sup> , 100-200 (microg/cig) <sup>20</sup> , 100-200 (microg/cig) <sup>13</sup> , 68.1 (microg/cig) <sup>26</sup> , 4.15-83.1 (microg/cig) <sup>18</sup>		499 (microg/cig) <sup>25</sup> , 0.8-1.3 (mg/cig) <sup>20</sup> , 102.1-107 (g/m <sup>3</sup> ) <sup>11</sup>	89.6, 124-135 (microg/cig) <sup>11</sup> ; 63.8 (microg/cig) <sup>22</sup> , 2.9-100 (microg/cig) <sup>33</sup>
33	Tetraoctanoic acid (Lignoceric acid)				11.9 (microg/cig) <sup>33</sup>
33	Tetracosanol	0.6-1 (microg/cig) <sup>18</sup>			36.7 (microg/cig) <sup>33</sup>
33	Tetraacontane	4-9 (microg/cig) <sup>14</sup>			3.2 (microg/cig) <sup>33</sup>
33	Tetraacontanoic acid				0.19 (microg/cig) <sup>33</sup>
33	Triacontane	37-101 (microg/cig) <sup>14</sup>			23.8 (microg/cig) <sup>33</sup>
33	Triacontanoic acid				9.4 (microg/cig) <sup>33</sup>
33	Tricosane	4-9 (microg/cig) <sup>14</sup>			6.7 (microg/cig) <sup>33</sup>
33	Tricosanoic acid				8.4 (microg/cig) <sup>33</sup>
33	Tricosanol				12.7 (microg/cig) <sup>33</sup>
33	Tridecanoic acid				3.2 (microg/cig) <sup>33</sup>
33	Trinlacontane	73-268 (microg/cig) <sup>14</sup>		44-62 (microg/cig) <sup>18</sup>	102 (microg/cig) <sup>33</sup>
33	Trisacosanoic acid				0.12 (microg/cig) <sup>33</sup>
33	Undecanoic acid				3.6 (microg/cig) <sup>33</sup>
1,3,7,25	Urethane	0.029 (microg/cig) <sup>25</sup>			
64	Vinyl acetylene				0.5 (microg/puff) <sup>14</sup>
1,3,6,7,25	Vinyl chloride	0.0086 (microg/cig) <sup>25</sup> , 0.0013-0.0158 (microg/cig) <sup>18</sup> , <16-38 (ng/cig) <sup>18</sup>			<12.4-36.6 (ng/cig) <sup>33</sup>
33	Vitamin E				0.88 (microg/cig) <sup>33</sup>
13	Water	3-14 (mg/cig) <sup>13</sup> , 1.01-1.23 (mg/cig) <sup>18</sup>			0.2-3.88 (ng/cig) <sup>33</sup>
5	1,2,4-Trimethylbenzene			8.3-9.5 (g/m <sup>3</sup> ) <sup>11</sup>	
33	1,2-Benzenedioic acid				0.35 (microg/cig) <sup>33</sup>
22	1,2-Butadiene	33 (microg/cig) <sup>22</sup>			
5	1,3,5-Trimethylbenzene			4.5-5.5 (g/m <sup>3</sup> ) <sup>11</sup>	
1,5,6,7,20	1,3-Butadiene	35.5 (microg/cig) <sup>25</sup> , 69.2 (microg/cig) <sup>20</sup> , 3.07-50.7 (microg/cig) <sup>18</sup> , 16-77 (microg/cig) <sup>13</sup>		191 (microg/cig) <sup>25</sup>	30.4, 27.5-30.8 (microg/cig) <sup>11</sup> ; 38.8 (microg/cig) <sup>22</sup> , 1.6-50.8 (microg/cig) <sup>33</sup>
22	1,3-Pentadiene				0.62 (microg/puff) <sup>14</sup>
22	1,4-Pentadiene				Trace <sup>14</sup>
33	1-(1-Methyl-1H-pyrrol-2-yl)ethanone				17.2 (microg/cig) <sup>33</sup>
33	1-(2-pyrrolyl)ethanone				4.6 (microg/cig) <sup>33</sup>
1,25	1-Aminonaphthalene	0.0096 (microg/cig) <sup>25</sup> , 4.87 (ng/cig) <sup>17</sup>		0.0647 (microg/cig) <sup>25</sup>	15.1, 22.7-27.5 (ng/cig) <sup>11</sup> ; 17.3 (ng/cig) <sup>12</sup>
22	1-Heptene				
22	1-Hexene				
2,12	1-Methylnaphthalene			23-23.4 (g/m <sup>3</sup> ) <sup>11</sup>	
33	1-Methyl-2(1H)-pyridinone			2.9-3.2 (g/m <sup>3</sup> ) <sup>11</sup>	
22	1-Pentene				7.4 (microg/cig) <sup>33</sup>
11	2,2,4,4'-Tetrachlorobiphenyl	0.0495 (microg/g) <sup>11</sup>			1.3 (microg/puff) <sup>14</sup>
11	2,2,3,3,6,6'-Hexachlorobiphenyl	0.0146 (microg/g) <sup>11</sup>			
11	2,2,3,3,4,4',5,5'-Octachlorobiphenyl	0.013 (microg/g) <sup>11</sup>			
11	2,2,3,3,4,4',5,5',6-Nonachlorobiphenyl	0.0023 (microg/g) <sup>11</sup>			
11	2,2,3,3,4,4',5,5',6,6'-Decachlorobiphenyl (ISTD)	0.0032 (microg/g) <sup>11</sup>			
3,13	2,3-Bipyridyl	16-22 (microg/cig) <sup>18,43</sup> , 16-22 (microg/cig) <sup>13</sup>		35-76 (microg/cig) <sup>18,43</sup>	34.3 (microg/cig) <sup>33</sup>
11	2,3,4,5,6-Pentachlorobiphenyl	0.027 (microg/g) <sup>11</sup>			
3	2,3-Dimethylaniline	0.39 (ng/cig) <sup>17</sup>			
11	2,4-Dichlorophenol	0.0451 (mg/g) <sup>11</sup>			
3	2,4-Dimethylaniline	3.29 (ng/cig) <sup>17</sup>			
11	2,4-Dimethylphenol	0.0049 (mg/g) <sup>11</sup>			
60	2,4-Dimethylpyridine	0.38 (microg/cig) <sup>60</sup>			
11	2,4,6-Trichlorophenol	1.0926 (mg/g) <sup>11</sup>			
3	2,5-Dimethylaniline	3.64 (ng/cig) <sup>17</sup>			
19,22	2,5-Dimethylfuran			9.5-12.8 (g/m <sup>3</sup> ) <sup>11</sup>	
3,6	2,6-Dimethylaniline	0.1 (ng/cig) <sup>17</sup>			
5	2,6-Dimethylpyridine	0.45 (microg/cig) <sup>60</sup>			
60	2-Acetylpyridine	0.17 (microg/cig) <sup>60</sup>			
3	2-Aminobiphenyl	0.45 (ng/cig) <sup>17</sup>			
1,25	2-Aminonaphthalene	0.007 (microg/cig) <sup>25</sup> , 8.82 (ng/cig) <sup>17</sup>		0.0039 (microg/cig) <sup>25</sup>	12.6, 11.6-14.5 (ng/cig) <sup>11</sup> ; 11.7 (ng/cig) <sup>12</sup>
22,13	2-Butanone	30 (microg/cig) <sup>13</sup>		33.4-35 (g/m <sup>3</sup> ) <sup>11</sup>	
11	2-Chlorophenol	0.0701 (mg/g) <sup>11</sup>			
3	2-Ethylaniline	3.94 (ng/cig) <sup>17</sup>			
60	2-Ethylpyridine	0.66 (microg/cig) <sup>60</sup>			
13	2-Furaldehyd	15-43 (microg/cig) <sup>13</sup>		321-364.1 (g/m <sup>3</sup> ) <sup>11</sup>	
23	2-Methyl-1,3-butadiene			2.3-2.4 (g/m <sup>3</sup> ) <sup>11</sup>	
23	2-Methyl-1,3-pentadiene				
33	2-Methyl-1,4-benzenediol				21.4 (microg/cig) <sup>33</sup>
33	2-Methyl-2-Furancarboxylic acid				1 (microg/cig) <sup>33</sup>
22	2-Methylbutane				0.84 (microg/puff) <sup>14</sup>
6,22	2-Methylfuran			35.5-38.6 (g/m <sup>3</sup> ) <sup>11</sup>	
22	2-Methylpentane				0.16 (microg/puff) <sup>14</sup>
22	2-Methylpropanal				68.5-147.7 (microg/cig) <sup>60</sup>
3,4,6,7,8	2-Naphthylamine	0.0002-0.022 (microg/cig) <sup>18</sup> , 1.7 (ng/cig) <sup>20</sup> , 0.05-6.04 (ng/cig) <sup>18</sup>		<0.1-1 (microg/cig) <sup>20</sup>	0.03-14.06 (ng/cig) <sup>33</sup>
11	2-Nitrophenol	0.0146 (mg/g) <sup>11</sup>			
1,3,6,7,25	2-Nitropropane	0.001 (microg/cig) <sup>25</sup> , 0.005-0.011 (microg/cig) <sup>18</sup>			<3.8-18.7 (ng/cig) <sup>33</sup>
22	2-Pentene				
3	2-Phenylnaphthalene			20.6-22.5 (g/m <sup>3</sup> ) <sup>11</sup>	0.37 (microg/cig) <sup>33</sup>
21,25,20	2-Picoline	0.115 (microg/cig) <sup>25</sup> , 160 (ng/cig) <sup>20</sup>			
60	2-Vinylpyridine	0.3 (microg/cig) <sup>60</sup>			
11	3,3-Dichlorobiphenyl	0.0781 (microg/g) <sup>11</sup>			
47	3,4-Dimethylaniline	3.58 (ng/cig) <sup>17</sup>			
60	3,4-Dimethylpyridine	0.15 (microg/cig) <sup>60</sup>			
47	3,5-Dimethylaniline	3.11 (ng/cig) <sup>17</sup>			
60	3,5-Dimethylpyridine	0.39 (microg/cig) <sup>60</sup>			
60	3-Acetylpyridine	0.28 (microg/cig) <sup>60</sup>			
1,3,25	3-Aminobiphenyl	0.0017 (microg/cig) <sup>25</sup> , 0.92 (ng/cig) <sup>17</sup>		0.0019 (microg/cig) <sup>25</sup>	3.3, 3.59-4.37 (ng/cig) <sup>11</sup> ; 2.91 (ng/cig) <sup>12</sup>
13,25	3-Ethylpyridine	662 (microg/cig) <sup>25</sup> , 11-30 (microg/cig) <sup>13</sup>		5.6-6.9 (g/m <sup>3</sup> ) <sup>11</sup>	
3	3-Ethylaniline	5.93 (ng/cig) <sup>17</sup>			
60	3-Ethylpyridine	1.04 (microg/cig) <sup>60</sup>			
20	3-Hydroxypyridine (3-pyridinol)	90-211 (microg/cig) <sup>16</sup>		157-172 (microg/cig) <sup>16</sup>	57.8 (microg/cig) <sup>33</sup>
22	3-Methyl-1-butane				0.8 (microg/puff) <sup>14</sup>
64	3-Methylpentane				0.11 (microg/puff) <sup>14</sup>
3,4,5,20	3-Methylpyridine	12-36 (microg/cig) <sup>20</sup>			
13	3-Methylvaleric acid	20-60 (microg/cig) <sup>13</sup>			
3,4,6,8,20	3-Vinylpyridine	11-30 (microg/cig) <sup>20</sup> , 2.51 (microg/cig) <sup>60</sup>			
60	4-Acetylpyridine	0.11 (microg/cig) <sup>60</sup>			
1,3,4,6,7,8	4-Aminobiphenyl	0.0012 (microg/cig) <sup>25</sup> , 0.6 (ng/cig) <sup>17</sup> , 0.00019-0.005 (microg/cig) <sup>18</sup> , 4.6 (ng/cig) <sup>20</sup> , <0.113-1.32 (ng/cig) <sup>18</sup>		0.01 (microg/cig) <sup>25</sup> , <0.1-0.2 (microg/cig) <sup>20</sup>	2.3, 2.84-3.22 (ng/cig) <sup>11</sup> ; 2.2 (ng/cig) <sup>12</sup> , <0.11-2.31 (ng/cig) <sup>13</sup>
11	4-Chloro-3-Methylphenol	0.0532 (mg/g) <sup>11</sup>			
33	4-Ethyl-1,2-benzenediol				3.1 (microg/cig) <sup>33</sup>
47	4-Ethylaniline	8.27 (ng/cig) <sup>17</sup>			
33	4-Ethylphenol (1-Ethyl-4-Hydroxybenzene)				16.3 (microg/cig) <sup>33</sup>
60	4-Ethylpyridine	0.13 (microg/cig) <sup>60</sup>			
33	4-Methylbenzhydrazide				8 (microg/cig) <sup>33</sup>
3,3,3	4-Methylcatechol	29-80 (microg/cig) <sup>11</sup>		25-55 (microg/cig) <sup>11</sup>	49.6 (microg/cig) <sup>33</sup>
25	4-Methylpyridine	0.51 (microg/cig) <sup>25</sup>			
11	4-Nitrophenol	0.0395 (mg/g) <sup>11</sup>			
60	4-Vinylpyridine	0.03 (microg/cig) <sup>60</sup>			
1,3,6,25	5-Methylchrysene	0.0006 (microg/cig) <sup>25</sup> , <0.85 (ng/cig) <sup>18</sup>			
1,3,5,7,25	7H-Dibenzo(c,g)-carbazole	0.0007 (microg/cig) <sup>25</sup>			

33	9,12,15-Octadecatrienoic acid	52-329 (microg/cig) <sup>10</sup>	62 (microg/cig) <sup>13</sup>
33	$\beta$ -Amyrin		8.7 (microg/cig) <sup>13</sup>
3,4,8	$\gamma$ -Butyrolactone	10-22 (microg/cig) <sup>10</sup>	
11	$\beta$ -Endosulphane	0.0675 (microg/cig) <sup>11</sup>	
5,13	$\beta$ -Sitosterol	27.1-59.3 (microg/cig) <sup>10,42</sup> , 59 (microg/cig) <sup>13</sup>	28 (microg/cig) <sup>12</sup>
			100.4 (microg/cig) <sup>13</sup>

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