



The Master List of Compounds Emitted by Mobile Sources - 2006

Compound Number	IUPAC Name (or equivalent)	CAS Number	Gas	Gas	Dsl	CNG	LPG	M85	M85	E85	E85	Jet	Res	Oth	Oth	Oth	Minimum	Maximum	Emission	Minimum	Maximum	Emission	update?	nonroad	onroad	
			Exh	Evp	Exh	Exh	Exh	Exh	Exh	Evp	Exh	Evp	Exh	Exh	Exh	Exh	Exh	Emission	Emission	Rate	Emission	Emission	Rate	Rate	Rate	Rate
			Gas-Exh	Gas-Evp	Dsl-Exh	CNG-Exh	LPG-Exh	M85-Exh	M85-Evp	E85-Exh	E85-Evp	Jet-Exh	Res-Exh	Oth-Exh	Oth-Evap	Oth-	mg/mi	mg/mi	mg/mi	mg/hp-hr	mg/hp-hr	mg/hp-hr	mg/hp-hr	Applicable References		
1	(1,1-dimethylethyl)-benzene	00098-06-6	X	X	X												1.5016									
2	(1,1-dimethylpropyl)-benzene	02049-95-8	X																							
3	(1,2-dimethylpropyl)-benzene	04481-30-5	X																							
4	(1-methylethyl)-benzene	00098-82-8	X	X	X	X	X	X	X	X							0.0000	34.1890	mg/mi	0.029999999	8.06000042	mg/hp-hr	1,8,9,20,21,22,24,31,45,46,48,95,102,131,166,184,188,20,21	1	X	X
5	(1-methylethyl)-cyclohexane	00696-29-7	X		X	X											0.0600	31.4719	mg/mi			mg/hp-hr	20,21,24,95,166,193	1		X
6	(1-methylpropyl)-benzene	00135-98-8	X	X	X	X		X	X	X							0.0000	56.5004	mg/mi	0.029999999	0.029999999	mg/hp-hr	1,8,9,20,21,22,24,31,45,46,48,102,131,188,193	1		X
7	(1a,2a,3b)-1,2,3-trimethylcyclopenta	15890-40-1	X	X	X	X	X	X	X	X							0.0000	45.3486	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46,188	1		X
8	(2-methylbutyl)-benzene	03968-85-2	X		X	X											0.0000	3.9874	mg/mi			mg/hp-hr	9,45,46,193	1		X
9	(2-methylpropyl)-benzene	00538-93-2	X	X	X	X	X			X							0.0000	10.6723	mg/mi	0.059999999	1.220000029	mg/hp-hr	5,8,9,22,24,31,45,46,48,102,166,180,184,188,193	1	X	X
10	(E)-1,3-nonadiene	56700-77-7	X																							
11	(E)-1,3-pentadiene	02004-70-8	X	X													0.0000	105.6160	mg/mi			mg/hp-hr	46,131,188	1		X
12	(E)-2-butene	00624-64-6	X	X	X	X	X	X	X	X							0.0000	309.9857	mg/mi	0.029999999	28.47999954	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,102,131,13	1	X	X
13	(E)-2-heptene	14686-13-6	X	X	X	X	X	X	X	X							0.0000	22.9583	mg/mi	2.579999924	3.940000057	mg/hp-hr	1,9,20,21,22,31,45,46,48,131,184,188,193	1	X	X
14	(E)-2-hexene	04050-45-7	X	X	X	X	X	X	X	X							0.0000	80.2435	mg/mi	0.050000001	3.670000076	mg/hp-hr	1,9,20,21,22,24,29,31,45,46,53,62,95,102,147,166,184,20,21	1	X	X
15	(E)-2-methyl-3-heptene	00692-96-6	X																							
16	(E)-2-methyl-3-hexene	00692-24-0	X	X													0.0000	8.2426	mg/mi			mg/hp-hr	46,131,188	1		X
17	(E)-2-nonene	06434-78-2	X	X													0.0700	1.0300	mg/mi			mg/hp-hr	5,22,24,193	1		X
18	(E)-2-octene	13389-42-9	X	X	X	X	X	X	X	X							0.0000	15.1352	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46,48,131,188,193	1		X
19	(E)-2-pentene	00646-04-8	X	X	X	X	X	X	X	X							0.0000	202.0533	mg/mi	0.01	13.10000038	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,102,131,14	1	X	X
20	(E)-3-heptene	14686-14-7	X	X	X	X	X	X	X	X							0.0000	26.7768	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46,131,188,193	1		X
21	(E)-3-hexene	13269-52-8	X	X	X	X	X	X	X	X							0.0000	52.3223	mg/mi			mg/hp-hr	1,9,20,21,22,24,31,45,46,48,131,188	1		X
22	(E)-3-methyl-2-pentene	00616-12-6	X	X	X	X	X	X	X	X							0.0000	108.8329	mg/mi	0.07	9.5	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,102,147,184,188,193	1	X	X
23	(E)-3-methyl-3-hexene	03899-36-3	X	X	X	X	X	X	X	X							0.0000	13.6637	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46,188	1		X
24	(E)-4-methyl-2-hexene	03683-22-5	X														0.0000	9.2671	mg/mi			mg/hp-hr	46,188	1		X
25	(E)-4-methyl-2-pentene	00674-76-0	X	X	X	X	X	X	X	X							0.0000	34.6144	mg/mi	0.079999998	0.079999998	mg/hp-hr	1,9,20,21,22,24,31,45,46,131,184,188	1	X	X
26	(E)-4-nonene	10405-85-3	X																							
27	(Z)-2-butene	00590-18-1	X	X	X	X	X	X	X	X							0.0000	194.4339	mg/mi	0.02	22.71999931	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,36,45,46,48,53,62,95,102,131	1	X	X
28	(Z)-2-heptene	06443-92-1	X	X	X	X	X	X	X	X							0.0000	20.7550	mg/mi	2.369999886	3.660000086	mg/hp-hr	1,9,20,21,22,31,45,46,48,131,184,188,193	1	X	X
29	(Z)-2-hexene	07688-21-3	X	X	X	X	X	X	X	X							0.0000	42.8186	mg/mi	0.180000007	2.549999952	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,53,62,95,102,166,180,184,20	1	X	X
30	(Z)-2-octene	07642-04-8	X	X	X	X	X	X	X	X							0.0000	12.6341	mg/mi	0.25	0.25	mg/hp-hr	1,9,20,21,22,24,31,45,46,131,184,188,193	1	X	X
31	(Z)-2-pentene	00627-20-3	X	X	X	X	X	X	X	X							0.0000	116.8238	mg/mi	0.050000001	0.219999999	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,95,102,131,147,1	1		X
32	(Z)-3-heptene	07642-10-6	X	X													0.1500	0.4100	mg/mi			mg/hp-hr	22,193	1		X
33	(Z)-3-hexene	07642-09-3	X	X	X	X	X	X	X	X							0.0000	17.6000	mg/mi	2.079999924	2.109999895	mg/hp-hr	1,9,20,21,22,24,31,45,48,184,188	1	X	X
34	(Z)-3-methyl-2-hexene	10574-36-4	X	X													0.0000	27.0097	mg/mi			mg/hp-hr	46,131,188	1		X
35	(Z)-3-methyl-2-pentene	00922-62-3	X	X	X	X	X			X							0.0000	36.7890	mg/mi	0.039999999	5.360000134	mg/hp-hr	9,22,45,46,48,95,102,131,166,184,188,193	1	X	X
36	(Z)-3-methyl-3-hexene	04914-89-0	X																							
37	(Z)-4-methyl-2-pentene	00691-38-3	X	X	X	X	X	X	X	X							0.0000	15.8192	mg/mi			mg/hp-hr	1,5,9,20,21,22,31,45,46,131,188	1		X
38	(Z)-4-nonene	10405-84-2	X																							
39	(Z)-4-octene	7642-15-1	X	X	X	X	X	X	X	X							0.0000	14.4212	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46	1		X
40	(e,e)-2,4-hexadienal	00142-83-6	X	X																						
41	1,1'-bicyclopentyl	01636-39-1	X																							
42	1,1,1-trichloroethane	00071-55-6	X		X												0.0000	0.0300	mg/mi			mg/hp-hr	17,42,190	1	X	X
43	1,1,2-trichloroethane	00079-00-5	X	X																						
44	1,1,2-trimethylcyclopentane	04259-00-1	X														0.0100	0.3800	mg/mi			mg/hp-hr	31,193	1		X
45	1,1,3-trimethylcyclohexane	03073-66-3	X	X																		mg/hp-hr	31,131	1		X
46	1,1,3-trimethylcyclopentane	04516-69-2	X	X													0.0116	0.0120	mg/mi	3.339999914	2.569999933	mg/hp-hr	31,131,184,189	1	X	X
47	1,1-biphenyl	00092-52-4	X		X	X											0.0004	6.4482	mg/mi	0.00025	127.9899979	mg/hp-hr	9,87,92,95,166,173,177,183	1		X
48	1,1-dimethylcyclohexane	00590-66-9	X	X						X							1.6600	1.6600	mg/mi			mg/hp-hr	22,31,193	1		X
49	1,1-dimethylcyclopentane	01638-26-2	X							X							0.0500	0.8700	mg/mi			mg/hp-hr	31,193	1		X
50	1,2,3,4,6,7,8-heptachlorodibenzo-p-c	35822-46-9			X	X											0.0000	0.0000	mg/mi			mg/hp-hr	9,92	1		X
51	1,2,3,4,6,7,8-heptachlorodibenzofur	67562-39-4			X																	mg/hp-hr	9	1		X
52	1,2,3,4,7,8,9-heptachlorodibenzofur	55673-89-7			X																	mg/hp-hr	9	1		X
53	1,2,3,4,7,8-hexachlorodibenzo-p-dio	39227-28-6			X			</																		





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Table with columns for compound ID, name, CAS number, and various emission parameters (X, Y, Z, etc.) and units (mg/mi, mg/hp-hr).



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197	2-methyl-1-propene	00115-11-7	X	X	X	X	X	X	X	X	X	0.0000	3024.3494	mg/mi	0.200000003	453.1600037	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,43,45,46,47,48,53,62,102,131	1	X	X
198	2-methyl-2-butene	00513-35-9	X	X	X	X	X	X	X	X	X	0.0000	291.9271	mg/mi	0.029999999	45.06999969	mg/hp-hr	1,5,9,20,21,22,24,29,31,36,45,46,48,53,95,102,131,147,31	1	X	X
199	2-methyl-2-ethylheptane		X																		
200	2-methyl-2-hexene	02738-19-4	X	X	X	X	X	X	X	X	X	0.0000	54.4751	mg/mi	3.220000029	5.199999809	mg/hp-hr	1,9,20,21,22,31,45,46,48,131,184,188	1	X	X
201	2-methyl-2-pentene	00625-27-4	X	X	X	X	X	X	X	X	X	0.0000	71.0536	mg/mi	4.949999809	7.170000076	mg/hp-hr	1,9,20,21,22,24,29,31,45,46,48,53,62,95,166,180,184,188	1	X	X
202	2-methyl-2-propenal	00078-85-3	X		X	X						0.0000	38.5633	mg/mi				9,45,46,53,62,166,188,193	1		X
203	2-methyl-3-ethylpentane	00609-26-7	X	X			X											22,31			
204	2-methyl-3-pentanone	00565-69-5	X		X													8			
205	2-methyl-4-ethylhexane	03074-75-7	X	X			X											31,131			X
206	2-methylbutane	00078-78-4	X	X	X	X	X	X	X	X	X	0.0000	6220.4587	mg/mi	0.02	178.6000061	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,38,40,45,46,47,48,53,62,95,52,4	1	X	X
207	2-methyldecane	06975-98-0	X	X																	
208	2-methylheptane	00592-27-8	X	X	X	X	X	X	X	X	X	0.0000	182.4516	mg/mi	0.180000007	0.180000007	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,45,46,48,62,95,102,131,14	1		X
209	2-methylhexane	00591-76-4	X	X	X	X	X	X	X	X	X	0.0000	479.4750	mg/mi				1,5,8,9,20,21,22,24,29,31,35,45,46,53,62,95,101,138,14	1		X
210	2-methylindane	00824-63-5	X		X	X						0.0153	29.5122	mg/mi				46,95,166,188	1		X
211	2-methylnaphthalene	00091-57-6	X		X	X						0.0031	31.0686	mg/mi	0.00029	192.8699951	mg/hp-hr	9,24,35,36,53,62,87,92,98,99,100,166,173,177,183,187,	1	X	X
212	2-methylnonane	00871-83-0	X									0.0226	68.3083	mg/mi				46,188,193	1		X
213	2-methyloctane	03221-61-2	X	X	X	X	X			X		0.0000	141.7847	mg/mi	0.289999992	24.29999924	mg/hp-hr	5,9,22,24,31,45,48,102,131,180,184,188,189	1	X	X
214	2-methylpentane	00107-83-5	X	X	X	X	X	X	X	X	X	0.0000	2618.9709	mg/mi	0.02	338.6499939	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,36,45,46,48,53,62,95,101,	1	X	X
215	2-methylpropanal	00078-84-2	X		X	X	X					0.0700	7.8000	mg/mi	0.018999999	25	mg/hp-hr	5,24,31,42,48,102,180,184,191	1	X	X
216	2-nitrophenyl	00086-00-0			X	X						0.0002	0.0149	mg/mi				9,95,166	1		X
217	2-nitrofluorene	00607-57-8			X	X						0.0000	0.0002	mg/mi	1E-06	0.000478	mg/hp-hr	9,95,102,191	1	X	X
218	2-nitronaphthalene	00581-89-5			X	X						0.0004	0.0123	mg/mi	0.00069	0.00151	mg/hp-hr	9,95,166,183	1		X
219	2-oxopropanal	00078-98-8	X		X							0.0311	6.2137	mg/mi				24,35,36,53,62	1		X
220	2-propenal	00107-02-8	X		X	X	X	X		X	X	0.0000	46.9000	mg/mi	0.100000001	449	mg/hp-hr	1,4,5,7,9,10,11,12,13,16,17,18,20,21,24,31,35,36,42,45,	1	X	X
221	2-propenylbenzene	00300-57-2	X		X													8			
222	2-propylphenol	00644-35-9	X									1.2000	15.0000	mg/mi				5			
223	3,3,5-trimethyl-1-hexene	04316-65-8	X																		
224	3,3-dimethyl-1-butene	00558-37-2	X	X	X	X	X	X	X	X	X	0.0000	15.4488	mg/mi	0.029999999	2.599999905	mg/hp-hr	1,9,20,21,22,31,45,46,102,131,180,184,188,189	1	X	X
225	3,3-dimethylheptane	04032-86-4	X									0.0080	1.5500	mg/mi				31,193	1		X
226	3,3-dimethylhexane	00563-16-6	X	X	X	X	X	X	X	X	X	0.0000	42.2762	mg/mi				1,9,20,21,22,31,45,46,48,101,131,188	1		X
227	3,3-dimethyloctane	04110-44-5	X									0.0000	25.0359	mg/mi				46,188,193	1		X
228	3,3-dimethylpentane	00562-49-2	X	X	X	X	X	X	X	X	X	0.0000	28.7439	mg/mi	0.029999999	6.460000038	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,102,184,188,189,193	1	X	X
229	3,4-dimethyl-1-pentene	07385-78-6	X		X	X	X	X		X		0.0000	13.6454	mg/mi	0.899999976	1.379999995	mg/hp-hr	9,45,46,48,184,188	1	X	X
230	3,4-dimethylhexane	00583-48-2	X	X			X					0.0000	30.2116	mg/mi	4.789999962	7.760000229	mg/hp-hr	31,46,131,184,188,189,193	1	X	X
231	3,4-dimethyloctane	15869-92-8	X	X														24			
232	3,5-dimethylheptane	00926-82-9	X	X	X	X	X	X	X	X	X	0.0000	75.4626	mg/mi				1,5,9,20,21,22,24,31,45,46,188,193	1		X
233	3,5-dimethylphenol	00108-68-9	X									0.0100	46.0000	mg/mi				42			
234	3-butenylbenzene	00768-56-9	X															5,24			
235	3-ethyl-1,4-hexadiene	2080-89-9	X															20,21			
236	3-ethyl-2-pentene	00816-79-5	X	X	X	X	X	X	X	X	X	0.0000	11.4211	mg/mi				1,9,20,21,22,31,45,46,188	1		X
237	3-ethylhexane	00619-99-8	X		X	X	X					0.1110	127.3811	mg/mi	0.059999999	0.239999995	mg/hp-hr	8,31,53,62,102,184,189,193	1	X	X
238	3-ethylpentane	00617-78-7	X	X	X	X	X					0.0000	98.2980	mg/mi	0.029999999	2.839999914	mg/hp-hr	9,24,45,46,102,184,188,189	1	X	X
239	3-heptene	00592-78-9	X	X														24			
240	3-methyl-1,3-pentadiene	04549-74-0	X															5			
241	3-methyl-1-butene	00563-45-1	X	X	X	X	X	X	X	X	X	0.0000	54.5960	mg/mi				1,9,20,21,22,24,31,45,46,53,62,131,188,193	1		X
242	3-methyl-1-hexene	03404-61-3	X	X	X	X	X	X	X	X	X	0.0000	8.2340	mg/mi				1,9,20,21,22,31,45,46,131,188	1		X
243	3-methyl-1-pentene	00760-20-3	X	X	X	X	X	X	X	X	X	0.0000	36.8873	mg/mi				1,5,9,20,21,22,24,31,45,46,48,131,180,188	1		X
244	3-methyl-2-pentene	00922-61-2	X	X	X	X						0.0421	1.5041	mg/mi				22,95,166	1		X
245	3-methylbenzaldehyde	00620-23-5	X		X							0.0000	20.9245	mg/mi				29,46,166,188,190	1	X	X
246	3-methylbutanal	00590-86-3	X	X	X		X					0.1553	13.7199	mg/mi	0.090000004	1.490000001	mg/hp-hr	24,53,102,184,190,193	1	X	X
247	3-methylcyclopentene	01120-62-3	X	X	X	X	X	X	X	X	X	0.0000	42.6402	mg/mi				1,9,20,21,22,31,45,46,188	1		X
248	3-methylene-heptane	01632-16-2	X	X														5,131	1		X
249	3-methylheptane	00589-81-1	X	X	X	X	X	X	X	X	X	0.0000	248.7027	mg/mi	0.620000005	34.70000076	mg/hp-hr	1,5,9,20,21,22,24,29,31,35,45,46,48,95,147,166,184,188	1	X	X
250	3-methylhexane	00589-34-4	X	X	X	X	X	X	X	X	X	0.0000	474.6073	mg/mi	0.039999999	43.54000092	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,45,46,48,53,62,95,101,131	1	X	X
251	3-methylnonane	05911-04-6	X															22			
252	3-methyloctane	02216-33-3	X	X	X	X	X	X	X	X	X	0.0000	95.3337	mg/mi	0.230000004	12.39999962	mg/hp-hr	1,5,9,20,21,22,24,29,31,45,46,48,95,102,131,166,184,188	1	X	X
253	3-methylpentane	00096-14-0	X	X	X	X	X	X	X	X	X	0.0000	1385.6064	mg/mi	0.029999999	67.19999695	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,35,45,46,48,53,62,95,101,102	1	X	X
254	3-nitrofluoranthene	00892-21-7	X		X													0.00013			X
255	4,4-dimethylheptane	01068-19-5	X	X			X											0.990000001	1.409999967	mg/hp-hr	31,131,184
256	4-ethyl-1,2-dimethylbenzene	00934-80-5	X	X	X	X						0.0000	64.5750	mg/mi				8,9,22,24,29,45,46,48,166,180,188,193	1		X
257	4-ethyl-3-heptene	33933-74-3	X															20,21			
258	4-methyl-1-pentene	00691-37-2	X	X	X	X	X	X	X	X	X	0.0000	32.8000	mg/mi	0.01	4.130000114	mg/hp-hr	1,5,9,20,21,22,24,31,45,46,48,102,131,180,184,188	1	X	X
259	4-methyl-2-pentanone	00108-10-1	X		X							0.4500	4.2400	mg/mi				8,190,193	1	X	X
260	4-methylbenzaldehyde	00104-87-0	X			X			X		X	0.0000	8.8356	mg/mi				1,20,21,24,45,147,190	1	X	X
261	4-methylheptane	00589-53-7	X	X	X	X	X	X	X	X	X	0.0000	74.6211	mg/mi	1.110000014	26.52000046	mg/hp-hr	1,9,20,21,24,29,31,45,46,48,95,166,184,188,189	1	X	X
262	4-methylindane	00824-22-6	X									0.0000	10.8495	mg/mi				46,188	1		X
263	4-methyloctane	02216-34-4	X	X			X	X	X	X	X	0.0000	117.0375	mg/mi				1,5,20,21,22,24,31,45,46,147,188	1		X
264	4-nitrobiphenyl	00092-93-3			X	X						0.0000	0.0023	mg/mi				9,95,166	1		X



The Master List of Compounds Emitted by Mobile Sources - 2006

Table with columns for compound name, CAS number, and various emission metrics (e.g., 0.0230, 16.5031, mg/mi, 9, 46,188, 1, X). Rows list compounds like 4-nitropyrene, 5-methylindane, 5-nitroacenaphthene, etc.



The Master List of Compounds Emitted by Mobile Sources - 2006

417	cyclohexane	00110-82-7	X	X	X	X	X	X	X	X	X	0.0000	300.0255	mg/mi	0.300000012	3.859999895	mg/hp-hr	1,5,8,9,20,21,22,24,31,45,46,48,53,62,95,101,138,166,18	1	X	X	
418	cyclohexanone	00108-94-1	X		X													8				
419	cyclohexene	00110-83-8	X	X	X	X	X	X	X	X	X	0.0000	64.0357	mg/mi	0.039999999	1.830000043	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,95,102,166,184,188,193	1	X	X	
420	cyclopenta(cd)pyrene	27208-37-3	X		X							0.0000	0.0345	mg/mi	0.02125	0.026149999	mg/hp-hr	9,53,62,183	1		X	
421	cyclopenta(dd)pyrene																	35				
422	cyclopentane	00287-92-3	X	X	X	X	X	X	X	X	X	0.0000	108.0294	mg/mi	0.170000002	2.980000019	mg/hp-hr	1,5,8,9,20,21,22,24,31,45,46,53,62,95,101,102,131,138,	1	X	X	
423	cyclopentene	00142-29-0	X	X	X	X	X	X	X	X	X	0.0000	58.8207	mg/mi	0.01	5.670000076	mg/hp-hr	1,5,9,20,21,22,24,31,45,46,48,53,62,95,102,131,147,166,	1	X	X	
424	decane	00124-18-5	X	X	X	X	X	X	X	X	X	0.0000	68.3838	mg/mi	0.330000013	1.429999948	mg/hp-hr	1,5,8,9,20,21,22,24,31,35,36,45,46,48,53,95,102,166,18	1	X	X	
425	di-isopropylbenzene	25321-09-9	X	X														24				
426	dibenz(a,h)anthracene	00053-70-3	X		X							0.0001	0.0134	mg/mi	2E-06	0.0057	mg/hp-hr	15,25,35,92,98,102,173,175,180,187,191	1	X	X	
427	dibenz(a,h,c)anthracene	00053-70-3; 215-58-7	X		X	X						0.0001	1.7300	mg/mi	0.00087	0.00154	mg/hp-hr	9,87,95,166,183,193	1		X	
428	dibenz(a,j)anthracene	00224-41-9			X														9,175,183	1	X	X
429	dibenzo(a,e)pyrene	00192-65-4			X														9,183	1		X
430	dibenzo(a,h)pyrene	00189-64-0			X														9,183	1		X
431	dibenzo(a,i)pyrene	00189-55-9			X														9,183	1		X
432	dibenzo(a,l)pyrene	00191-30-0			X					X									9,175,183	1	X	X
433	dibenzothiophene	00132-65-0	X		X							0.0002	0.0490	mg/mi					24,35,53,62,193	1		X
434	dichloromethane	00075-09-2	X		X							0.0000	1.4000	mg/mi					17,42,190	1	X	X
436	diesel particulate matter		X		X	X						10.0000	22540.0000	mg/mi	8	500	mg/hp-hr	14,23,33,87,92,98,99,100,155,166,180,183,187	1	X	X	
437	diethylbenzene	25340-17-4	X	X	X	X						0.0651	26.8604	mg/mi					24,95,102,166	1		X
438	dimethylbutene		X		X														24			X
439	dimethylcyclobutanone				X														24			
440	dimethylcyclohexane	27195-67-1	X		X														24			
441	dimethylcyclopentane	28729-52-4	X		X														24			
442	dimethylcyclopentene				X														24			
443	dimethyldecane				X														24			
444	dimethylethylcyclohexane				X														24			
445	dimethylheptane	30498-66-9			X														24			
446	dimethylhexadiene		X		X														24			
447	dimethylhexane	28777-67-5	X		X														24			
448	dimethylhexene	78820-82-3	X		X														24			
449	dimethylindane	53563-67-0			X	X						0.0372	37.0897	mg/mi					24,166	1		X
450	dimethylindene				X														24			
451	dimethylnaphthalene	28804-88-8			X	X						0.0013	6.6800	mg/mi	0.5	5.300000191	mg/hp-hr	24,35,36,95,102,180	1		X	
452	dimethylnaphthyridine				X														24			
453	dimethyloctane		X		X	X						0.0139	9.8210	mg/mi					24,166	1		X
454	dimethylpentane	38815-29-1	X		X														24			
455	dimethylpentene	69852-93-3			X														24			
456	dodecane	00112-40-3	X	X	X	X	X	X	X	X	X	0.0000	1015.1014	mg/mi	0.419999987	3.299999952	mg/hp-hr	1,9,20,21,22,24,31,35,36,45,46,48,53,62,95,101,102,13,	1		X	
457	elemental carbon	07440-44-0	X		X														9,24			
458	ethane	00074-84-0	X	X	X	X	X	X	X	X	X	0.0000	708.8000	mg/mi	0.039999999	164.6864929	mg/hp-hr	1,5,8,9,20,21,22,24,28,29,31,35,36,45,46,47,48,53,95,10	1	X	X	
459	ethanedial	00107-22-2	X		X							0.1056	238.7893	mg/mi					24,35,36,53,62,166	1		X
460	ethenylmethylbenzene	25013-15-4			X														24			
461	ethyl alcohol	00064-17-5	X	X	X	X	X	X	X	X	X	0.0000	670.2491	mg/mi					1,8,20,21,22,23,24,30,31,37,39,41,43,45,46,50,131,188	1		X
462	ethylbenzene	00100-41-4	X	X	X	X	X	X	X	X	X	0.0000	432.6778	mg/mi	0.01	177.3200073	mg/hp-hr	1,4,5,8,9,10,11,12,13,20,21,22,24,29,31,34,35,36,45,46,	1	X	X	
463	ethylcyclohexane	01678-91-7	X	X	X	X	X	X	X	X	X	0.0000	43.5414	mg/mi	0.209999993	0.219999999	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,180,184,188	1	X	X	
464	ethylcyclopentane	01640-89-7	X	X	X	X	X	X	X	X	X	0.0000	91.6469	mg/mi					1,20,21,22,24,31,45,46,131,188	1		X
465	ethylcycloheptane				X														24			
466	ethylmethylbenzene				X														24			
467	ethylmethylpentane	86571-39-3			X														24			
468	ethylene	00074-85-1	X	X	X	X	X	X	X	X	X	0.0000	2424.2302	mg/mi	7.880000114	1135.119995	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,35,36,38,40,43,45,46,47,4	1	X	X	
469	ethylheptane				X														24			
470	ethylhexane				X														24			
471	ethylindane				X														24			
472	ethylmethylbenzene	25550-14-5	X	X	X														24,102	1		X
473	ethylmethylcyclohexane		X		X														20,21,24			
474	ethylmethylcyclopentane				X														24			
475	ethylmethylhexane				X														24			
476	ethylmethyloctane				X														24			
477	ethylpentene				X														24			
478	fluoranthene	00206-44-0	X		X	X						0.0000	42.8800	mg/mi	0.000402462	1.220000029	mg/hp-hr	9,15,23,24,25,35,36,53,62,87,92,95,98,99,100,166,173,	1	X	X	
479	fluorene	00086-73-7	X		X	X						0.0004	2.2436	mg/mi	1.73737E-05	50.36000061	mg/hp-hr	9,15,25,53,62,87,92,95,98,99,100,166,173,177,180,187,	1	X	X	
480	formaldehyde	00050-00-0	X		X	X	X	X	X	X	X	0.0000	1623.9200	mg/mi	0.140000001	3507	mg/hp-hr	1,3,4,5,7,8,9,10,11,12,13,14,16,17,19,20,21,23,24,25,26	1	X	X	
481	gallium	07440-55-3	X		X							0.0002	0.0633	mg/mi					9,24,166	1		X
484	gold	07440-57-5			X							0.0002	0.2421	mg/mi					9,166	1		X
485	heptachlorodibenzo-p-dioxin	37871-00-4			X														9			
486	heptachlorodibenzofuran	38998-75-3			X														9			
487	heptacosane	00593-49-7	X		X							0.0004	32.1684	mg/mi					24,53,62,166	1		X









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639	tetracosane	00646-31-1	X		X													0.0006	13.0916	mg/mi					24,53,62,166			1			X	
640	tetradecane	00629-59-4	X	X	X					X								0.0114	87.2487	mg/mi	0.600000024	8.699999809	mg/hp-hr			24,35,36,53,62,102,166,180,193			1			X
641	tetramethylbenzene	25619-60-7	X	X																					24							
642	tetramethylcyclobutene			X																					24							
643	thallium	07440-28-0				X												0.0001	0.0698	mg/mi						9,166			1			X
644	tin	07440-31-5	X			X												0.0000	0.2064	mg/mi						2,9,42,166			1			X
645	titanium	07440-32-6	X			X												0.0000	0.1561	mg/mi						2,9,24,42,166			1			X
646	toluene	00108-88-3	X	X	X	X	X	X	X	X								0.0000	2994.8283	mg/mi	0.050000001	675.9899902	mg/hp-hr			1,4,5,8,9,10,11,12,13,18,20,21,22,24,29,31,35,36,38,40,			1	X		X
647	toluene & 2,3-dimethylhexane	108-88-3; 584-94-1	X	X														51.8400	373.3200	mg/mi					34							X
656	trans-1,2-dimethylcyclohexane	06876-23-9	X	X			X																			22,31,131,184			1	X		X
657	trans-1,2-dimethylcyclopentane	00822-50-4	X	X	X	X	X	X	X									0.0000	222.5363	mg/mi	0.059999999	0.059999999	mg/hp-hr			1,9,20,21,22,31,45,46,184,188			1	X		X
658	trans-1,3-dimethylcyclohexane	02207-03-6	X	X	X	X	X	X	X	X								0.0000	63.5658	mg/mi						1,9,20,21,22,31,45,46,48,188			1			X
659	trans-1,3-dimethylcyclopentane	01759-58-6	X	X	X	X	X											0.0114	219.9246	mg/mi	0.029999999	4.679999828	mg/hp-hr			29,31,46,102,131,184,188,189			1	X		X
660	trans-1,4-dimethylcyclohexane	02207-04-7	X	X	X	X	X	X	X	X								0.0000	103.0000	mg/mi	0.189999998	0.189999998	mg/hp-hr			1,9,20,21,22,31,45,46,48,102,180,188,193			1			X
661	trans-1-ethyl-3-methylcyclopentane	02613-65-2	X			X												0.0198	48.6640	mg/mi	0.170000002	0.189999998	mg/hp-hr			46,102,188			1			X
662	trans-1-ethyl-4-methylcyclohexane	06236-88-0	X															0.0000	22.0727	mg/mi						46,188			1			X
663	trans-1-methyl-2-ethylcyclopentane	00930-90-5	X			X																				31,184			1	X		X
664	trichloromethane	00067-66-3	X			X												0.0200	0.9000	mg/mi						17,42,190			1	X		X
665	tricosane	00638-67-5	X			X												0.0003	25.4900	mg/mi						24,53,62,166,193			1			X
666	tridecane	00629-50-5	X	X	X													0.0300	54.8397	mg/mi	0.100000001	3	mg/hp-hr			24,35,36,53,62,102,166,180			1			X
667	trimethylbenzene	25551-13-7				X																				24						
668	trimethylcyclohexane	30498-63-6	X	X																						20,21,24						
669	trimethylcyclopentane	30498-64-7	X	X																						24						
670	trimethyldecane	98060-54-9				X																				24						
671	trimethylheptane					X																				24						
672	trimethylhexene					X																				24						
673	trimethylindane					X																				24						
674	trimethyloctane	98060-52-7				X	X																			24,180			1			X
675	trimethylpentadiene					X																				24						
676	trimethylpentane	29222-48-8				X																				24						
677	trimethylpentene	61665-19-8	X					X																		31						
678	undecane	01120-21-4	X	X	X	X	X	X	X	X								0.0000	2074.8801	mg/mi	0.02	1.5	mg/hp-hr			1,5,8,9,20,21,22,24,31,35,36,45,46,48,95,102,131,166,1			1	X		X
697	uranium	07440-61-1				X												0.0020	0.3242	mg/mi						9,166			1			X
698	vanadium	07440-62-2	X			X												0.0000	0.0092	mg/mi						2,9,24,166			1			X
700	yttrium	07440-65-5	X			X												0.0004	0.0689	mg/mi						9,24,166			1			X
701	zinc	07440-66-6	X			X												0.0030	5.7280	mg/mi						2,9,24,42,53,62,87,166,177,193			1			X
702	zirconium	07440-67-7	X			X												0.0000	0.0844	mg/mi						2,9,24,166			1			X
703	diesel VOC		X			X																										
704	(E)-4-octene	14850-23-8	X	X	X	X	X											0.0268	43.0757	mg/mi	0.059999999	1573.452637	mg/hp-hr			87,92,98,99,100,155,166,180,183,187			1	X		X
705	17a(H),21b(H)-29-norhopane		X			X												0.0000	0.1752	mg/mi						53,62			1			X
706	17a(h),21b(h)-hopane	13849-96-21	X			X												0.0000	38.3100	mg/mi						53,62,166,193			1			X
707	17a(H)-22,29,30-trisnorhopane	53584-59-1	X			X												0.0006	0.0429	mg/mi						53,62			1			X
708	1-methylphenanthrene	832-69-9	X			X												0.0002	0.9403	mg/mi	0.00051	15.26000023	mg/hp-hr			53,62,87,166,173,177			1			X
709	2,6,10-trimethyltridecane	3891-99-4	X			X												0.0055	0.2280	mg/mi						53,62			1			X
710	20R&S-5a(H),14b(H),17b(H)-sitostane		X			X												0.0016	0.0845	mg/mi						53,62			1			X
711	20R&S-5a(H),14b(H),17b(H)-ergostane		X			X												0.0020	0.0864	mg/mi						53,62			1			X
712	20R-13b(H),17a(H)-diacholestane		X			X												0.0281	0.0281	mg/mi						53			1			X
713	20R,5a(H),14b(H),17b(H)-cholestan	69483-47-2	X			X												0.0005	40.1500	mg/mi						53,62,193			1			X
714	c27-20r5a(h),14a(h),17a(h)-cholesta	481-21-0	X			X												0.0007	33.1800	mg/mi						53,62,166,193			1			X
715	20S-13b(H),17a(H)-diacholestane		X			X												0.0009	0.0457	mg/mi						53,62			1			X
716	c27-20s5a(h),14b(h),17b(h)-cholestan		X			X												0.0009	0.1018	mg/mi						53,166			1			X
717	22,29,30-trisnormeo-hopane		X			X												0.0000	0.0777	mg/mi						53			1			X
718	22r&s,17a(h),21b(H)-30-bishomohopane		X			X												0.1218	0.1218	mg/mi						53			1			X
719	22r&s,17a(H),21b(H)-30-homohopane		X			X												0.1609	0.1609	mg/mi						53			1			X
720	furfural	98-01-1	X			X												1.0563	1.0563	mg/mi						53			1			X
721	2-methylanthracene	613-12-7	X			X												0.0007	0.0585	mg/mi						53,62			1			X
722	2-methylphenanthrene	2531-84-2	X			X												0.0008	0.9020	mg/mi						53,62,87,166,177			1			X
723	3-methylphenanthrene	832-71-3	X			X												0.0018	0.1466	mg/mi						53,62			1			X
724	8b,13a-dimethyl-14b-n-butylpodocarpane		X			X												0.0001	0.0739	mg/mi						53,62			1			X
725	8b,13a-dimethyl-14b-[3'-methylbutyl]podocarpane		X			X												0.0001	0.0472	mg/mi						53,62			1			X
726	anthraquinone	84-65-1	X			X												0.0005	0.0562	mg/mi						53,166			1			X
727	9-methylphenanthrene	883-20-5	X			X												0.0015	0.0814	mg/mi						53,62			1			X
728	acephenanthrylene	201-06-9	X			X												0.0000	0.0359	mg/mi						53,62			1			X
729	benzo(j)fluoranthene	205-82-3	X																													





The Master List of Compounds Emitted by Mobile Sources - 2006

Table with columns for compound name, CAS number, and various emission metrics (mg/mi, mg/hp-hr) for different source categories. Includes compounds like 1,2,8-trimethylnaphthalene, methylpyrene, and hexadecadienoic acid methyl ester.







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1006	isoamylbenzene	2049-94-7		X			0.0873	1.6100	mg/mi			166			1			X
1007	isoeugenol	97-54-1		X			0.0006	0.0571	mg/mi			166			1			X
1008	isophthalic acid	121-91-5		X			0.0150	0.3378	mg/mi			166			1			X
1009	m- & p-cresol	108-39-4; 106-44-5		X			0.0385	8.2131	mg/mi			166			1			X
1010	methylpyridine + methylfluorene	1333-41-1; 26914-17-0		X			0.0003	0.5126	mg/mi			166			1			X
1011	methylsuccinic acid	498-21-5		X			0.0030	0.3449	mg/mi			166			1			X
1012	oleic acid	112-80-1		X			0.0066	4.8950	mg/mi			166			1			X
1013	pentadecanoic acid	1002-84-2		X			0.0003	0.0157	mg/mi			166			1			X
1014	pentamethylbenzene	700-12-9		X			0.0650	2.2632	mg/mi			166			1			X
1015	perinaphthenone	548-39-0		X			0.0050	1.5930	mg/mi			166			1			X
1016	phthalic acid	88-99-3	X	X			0.0231	0.8733	mg/mi			166,193			1			X
1017	picolinic acid	98-98-6		X			0.0038	0.1787	mg/mi			166			1			X
1018	p-methylstyrene	622-97-9		X			0.0311	6.2439	mg/mi			166			1			X
1019	sitosterol	83-46-5		X			0.0019	0.0318	mg/mi			166			1			X
1020	stearic acid	57-11-4		X			0.0115	5.8920	mg/mi			166			1			X
1021	succinic acid	110-15-6		X			0.0116	0.3951	mg/mi			166			1			X
1022	syringol	91-10-1		X			0.0019	0.1286	mg/mi			166			1			X
1023	tricosanoic acid	2433-96-7		X			0.0033	0.4072	mg/mi			166			1			X
1024	2,7-dinitrofluorene	5405-53-8		X								166			1			X
1025	1,6- & 1,8-dinitropyrene	42397-64-8; 42397-65-9			X							175			1	X		
1026	3-methylcholanthrene	56-49-5		X								175			1	X		
1027	7-nitrobenzo(a)anthracene	63041-91-8		X								175			1	X		
1028	anthanthrene	191-26-4	X	X			0.0500	7.7200	mg/mi			175,193			1	X		X
1029	benzo(b)fluorene	243-17-4		X			0.0800	4.4500	mg/mi			175,193			1	X		X
1030	triphenylene	217-59-4	X	X			0.2200	4.5800	mg/mi			175,193			1	X		X
1031	ethylbiphenyl	40529-66-6		X								180			1			X
1032	1,3-isobenzofuranone	85-44-9		X								180			1			X
1033	2-butoxy ethanol	111-76-2		X								180			1			X
1034	butenyl dimethylbenzene			X								180			1			X
1035	methyl dodecane	90454-15-2		X								180			1			X
1036	icosene	3452-07-1		X								180			1			X
1037	hepencic acid, ethyl ester			X								180			1			X
1038	hexadecanoic acid, ethyl ester	628-97-7		X								180			1			X
1039	hexadecene	26952-14-7		X								180			1			X
1040	tetrahydromethylnaphthalene	31291-71-1		X								180			1			X
1041	octadecene	27070-58-2		X								180			1			X
1042	tetramethyl pentadecane			X								180			1			X
1043	tetradecene	26952-13-6		X								180			1			X
1044	methyl ester undecenoic acid			X								180			1			X
1045	2,4-dinitrophenol	51-28-5			X							190			1	X		
1046	2-hexanone	591-78-6		X								190			1	X		
1047	2-nitrophenol	88-75-5		X								190			1	X		
1048	4-nitrophenol	100-02-7		X								190			1	X		
1049	benzyl alcohol	100-51-6		X								190			1	X		
1050	butylbenzylphthalate	85-68-7		X								190			1	X		
1051	carbon disulfide	75-15-0		X								190			1	X		
1052	carbon tetrachloride	56-23-5		X								190			1	X		
1053	methyl chloride	74-87-3		X								190			1	X		
1054	cis-1,2-dichloroethene	156-59-2		X								190			1	X		
1055	diethyl phthalate	84-66-2		X								190			1	X		
1056	trichlorofluoromethane	75-69-4		X								190			1	X		
1057	p-cresol	106-44-5		X								190			1	X		
1058	pentachlorophenol	87-86-5		X								190			1	X		
1059	tetrachloroethylene	127-18-4		X								190			1	X		
1060	ammonia	7664-41-7	X	X								190			1	X		
1061	di-nitropyrene			X			0.1	292.3999939	mg/mi	0.100000001 1E-06	4901 0.00026	mg/hp-hr mg/hp-hr	191,193 191					X
1062	hydrogen sulfide	7783-06-4	X									192			1			X
1063	(2-methylpropyl)-cyclohexane	1678-98-4	X				0.2	1.149999976	mg/mi			193			1			X
1064	(E)-3-nonene	20063-92-7	X				0.05	0.430000007	mg/mi			193			1			X
1065	(Z)-2-nonene	6434-77-1	X				0.07	1.049999952	mg/mi			193			1			X
1066	(Z)-3-nonene	20237-46-1	X				0.18	0.589999974	mg/mi			193			1			X
1067	1,1,2-trimethylcyclohexane	7094-26-0	X				2.0899999	3.940000057	mg/mi			193			1			X
1068	1,1,4-trimethylcyclohexane	7094-27-1	X				0.05	0.829999983	mg/mi			193			1			X
1069	1,2,4-trimethylbenzene + 1,2,4-tribu	5-63-6;14800-16-9;872-05-	X				0.18	25.39999962	mg/mi			193			1			X
1070	1,3-dimethyl-dibenzothiophene	31317-15-4	X				0.002	0.055	mg/mi			193			1			X
1071	1,8-dimethyl-dibenzothiophene	31317-42-7	X				0.003	0.119000003	mg/mi			193			1			X
1072	10-methyl-benzo(b)naphtho(2,1-d)thiophene		X				0.003	0.137999997	mg/mi			193			1			X
1073	2,2,4-trimethylpentane + 1-heptene	540-84-1;592-76-7	X				1.46	104.6299973	mg/mi			193			1			X



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1074	2,3-dimethylhexane + 3-ethyl-2-methylpentane	584-94-1;609-26-7	X	0.15	8.680000305	mg/mi	193	1	X
1075	2,4-dimethylhexane + 2,2,3-trimethylpentane	589-43-5;564-2-3	X	0.05	14.60999966	mg/mi	193	1	X
1076	2,5-dimethylhexane + ethylcyclopentane	592-13-2;1640-89-7	X	0.07	8.869999886	mg/mi	193	1	X
1077	2,6-dimethylheptane + cis-1,2-dimethylcyclopentane	1072-5-5;2207-1-4	X	0.19	2.25	mg/mi	193	1	X
1078	2-methyl-benzo(b)naphtho(2,1-d)thiophene		X	0.001	0.033	mg/mi	193	1	X
1079	2-methyl-dibenzothiophene	20928-02-3	X	0.001	0.081	mg/mi	193	1	X
1080	2-methylfluorene	1430-97-3	X	0.01	0.469999999	mg/mi	193	1	X
1081	2-propyltoluene	1074-17-5	X	0.07	1.320000052	mg/mi	193	1	X
1082	3,3-dimethylhexane + 1-cis-2-trans-1,2-dimethylcyclopentane	563-16-6; X	X	0.04	1.940000057	mg/mi	193	1	X
1083	3,4-dimethylheptane + 4-methyloctane	922-28-1 ;2216-34-4	X	0.07	4.300000191	mg/mi	193	1	X
1084	3-ethylcyclopentane	5881-17-4	X	0.01	8.760000229	mg/mi	193	1	X
1085	3-ethylpentane + trans-1,3-dimethylcyclopentane	617-78-7;1759-58-6	X	0.1	4.360000134	mg/mi	193	1	X
1086	3-methylcyclopentane + 3,3-diethylpentane	6-33-3; 1067-20-5; 15869-8	X	0.1	2.869999886	mg/mi	193	1	X
1087	3-propyltoluene	1074-43-7	X	0.17	1.049999952	mg/mi	193	1	X
1088	4,4 + 2,2-dimethylheptane	1068-19-5;1071-26-7	X	0.02	0.469999999	mg/mi	193	1	X
1089	4,6-dimethyldibenzothiophene	1207-12-1	X	0.004	0.202999994	mg/mi	193	1	X
1090	4-methyl-1-pentene + 3-methyl-1-pentene	691-37-2; 760-20-3	X	0.03	1.440000057	mg/mi	193	1	X
1091	4-methyl-2-pentene	4461-48-7	X	0.96	0.959999979	mg/mi	193	1	X
1092	4-methylheptane + 3-ethyl-3-methylpentane	89-53-7;1067-08-9;591-49-	X	0.05	2.170000076	mg/mi	193	1	X
1093	4-propyltoluene + butyl-1,3-dimethylbenzene	1074-55-1;X;934-74-7	X	0.12	2.769999981	mg/mi	193	1	X
1094	5-methyl-benzo(b)naphtho(2,1-d)thiophene		X	0.001	0.039999999	mg/mi	193	1	X
1095	5-methyl-naphtho(2,1-b)thiophene		X	0.004	0.014	mg/mi	193	1	X
1096	6-methyl-benzo(b)naphtho(2,1-d)thiophene		X	0.001	0.086999997	mg/mi	193	1	X
1097	8-methyl-benzo(b)naphtho(1,2-d)thiophene		X	0.005	0.101000004	mg/mi	193	1	X
1098	8-methyl-benzo(b)naphtho(2,3-d)thiophene	24964-07-6	X	0.002	0.015	mg/mi	193	1	X
1099	8-methyl-naphtho(2,1-b)thiophene		X	0.001	0.037999999	mg/mi	193	1	X
1100	acetic acid	64-19-7	X	0.01	17.280000069	mg/mi	193	1	X
1101	benzo(a)fluorene	238-84-6	X	0.14	6.679999828	mg/mi	193	1	X
1102	butylcyclopentane	2040-95-1	X	0.15	3.670000076	mg/mi	193	1	X
1103	c21 aaa-sterane		X	0.02	0.400000006	mg/mi	193	1	X
1104	c21 abb-sterane		X	0.02	1.210000038	mg/mi	193	1	X
1105	c21 tricyclic terpane		X	0.02	3.650000095	mg/mi	193	1	X
1106	c22 abb-sterane		X	0.01	1.909999967	mg/mi	193	1	X
1107	c22 tricyclic terpane		X	0.1	1.970000029	mg/mi	193	1	X
1108	c23 ab-dimethyl-a-butylpodocarpane		X	0.13	17.71999931	mg/mi	193	1	X
1109	c24 ab-dimethyl-a-methylbutylpodocarpane		X	0.11	14.10999966	mg/mi	193	1	X
1110	c25 tricyclic terpane		X	0.12	14.09000015	mg/mi	193	1	X
1111	c26 tricyclic terpane		X	0.09	7.530000021	mg/mi	193	1	X
1112	c26 tricyclic triterpane 22r		X	0.06	7	mg/mi	193	1	X
1113	c26 tricyclic triterpane 22s		X	0.06	6.800000191	mg/mi	193	1	X
1114	c27 20r-baa-cholestane	481-20-9	X	1.26	1.25999999	mg/mi	193	1	X
1115	c27 20s-abb-cholestane		X	0.2	35.59999847	mg/mi	193	1	X
1116	c27 tetracyclic terpane 22r		X	0.03	3.640000105	mg/mi	193	1	X
1117	c27 tetracyclic terpane 22s		X	0.06	9.970000267	mg/mi	193	1	X
1118	c27 trisnorhopane tm		X	0.08	14.57999992	mg/mi	193	1	X
1119	c28 20r/s?-ba-diasterane		X	0.08	19.54000092	mg/mi	193	1	X
1120	c28 20r-aaa-methylcholestane		X	0.05	16.03000069	mg/mi	193	1	X
1121	c28 20r-abb-methylcholestane	71117-90-3	X	0.1	26.19000053	mg/mi	193	1	X
1122	c28 20r-ba-diasterane		X	0.13	19.18000031	mg/mi	193	1	X
1123	c28 20s-aaa-methylcholestane		X	0.09	19.73999977	mg/mi	193	1	X
1124	c28 20s-abb-methylcholestane		X	0.13	9.31000042	mg/mi	193	1	X
1125	c29 20r-aaa-ethylcholestane	62446-14-4	X	0.05	18.92000008	mg/mi	193	1	X
1126	c29 20r-abb-ethylcholestane	71117-92-5	X	0.14	37.20999908	mg/mi	193	1	X
1127	c29 20s-aaa-ethylcholestane		X	0.08	20.88999939	mg/mi	193	1	X
1128	c29 20s-abb (20r-baa)-ethylcholestane		X	0.12	32.58000183	mg/mi	193	1	X
1129	c29 20s-ba-diasterane		X	0.18	52.27000046	mg/mi	193	1	X
1130	c29 ab-25-norhopane	53584-60-4	X	0.19	7.53000021	mg/mi	193	1	X
1131	c29 ba-norhopane	3258-87-5	X	0.02	2.140000105	mg/mi	193	1	X
1132	c30 tricyclic terpane 22r		X	0.03	9.329999924	mg/mi	193	1	X
1133	c30 tricyclic terpane 22s		X	0.05	10.53999996	mg/mi	193	1	X
1134	cis- & trans-3-hexene	7642-09-3;13269-52-8	X	0.01	1.340000033	mg/mi	193	1	X
1135	cis,cis,cis-1,2,3-trimethylcyclopentane	2613-69-6	X	0.05	2.160000086	mg/mi	193	1	X
1136	cis-cis-trans-1,2,4-trimethylcyclopentane	X;638-04-0	X	0.09	2.829999924	mg/mi	193	1	X
1137	ctc-123-trimethylcyclopentane		X	0.03	1.120000005	mg/mi	193	1	X
1138	ctc-124-trimethylcyclohexane		X	0.07	0.910000026	mg/mi	193	1	X
1139	ctt-124-trimethylcyclohexane		X	0.04	0.939999998	mg/mi	193	1	X
1140	formic acid	64-18-6	X	0.06	5.579999924	mg/mi	193	1	X
1141	isobutylcyclopentane	3788-32-7	X	0.13	0.200000003	mg/mi	193	1	X



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1142	isopropylcyclopentane	3875-51-2	X		0.05	0.60000024	mg/mi	193	1	X
1143	m&p-xylene + 2,3-dimethylheptane	1330-20-7; 3074-71-3	X		0.45	59.97999954	mg/mi	193	1	X
1144	maleic acid	110-16-7	X		0.26	1.159999967	mg/mi	193	1	X
1145	malonic acid	141-82-2	X		0.13	0.189999998	mg/mi	193	1	X
1146	methyl vinyl ketone	78-94-4	X		0.33	2.950000048	mg/mi	193	1	X
1147	methylcyclohexane + cis-1,2-dimethyl-	88-87-2; 1192-18-3; 4516-69	X		0.16	7.630000114	mg/mi	193	1	X
1148	naphtho(2,1-b)thiophene		X		0.001	0.015	mg/mi	193	1	X
1149	n-octane + trans-1,2-dimethylcyclo-	111-65-9; 6876-23-9	X		0.08	8.100000381	mg/mi	193	1	X
1150	n-propylcyclopentane + cis,cis,cis-1,	2040-96-2; X; 1678-91-7	X		0.06	0.759999999	mg/mi	193	1	X
1151	n-undecane + 1,2-dimethyl-3-ethylb	1120-21-4; 933-98-2	X		0.18	1.080000043	mg/mi	193	1	X
1152	phenanthro(2,1-b)thiophene		X		0.001	0.017000001	mg/mi	193	1	X
1153	phenanthro(2,3-b)thiophene		X		0.005	0.011	mg/mi	193	1	X
1154	phenanthro(3,4-b)thiophene		X		0.007	0.173999995	mg/mi	193	1	X
1155	phenanthro(4,3-b)thiophene		X		0.004	0.108999997	mg/mi	193	1	X
1156	pinacolin	75-97-8	X		0.25	1.279999971	mg/mi	193	1	X
1157	propionic acid	79-09-4	X		0.16	0.689999998	mg/mi	193	1	X
1158	tert-butyl-2-methyl-benzene		X		0.17	0.490000001	mg/mi	193	1	X
1159	tert-butyl-3,5-dimethyl-benzene		X		0.11	0.689999998	mg/mi	193	1	X
1160	tert-butyl-4-ethyl-benzene		X		0.18	0.970000029	mg/mi	193	1	X
1161	trimethylacetaldehyde + 3-methyl-2-	630-19-3; 563-80-4	X		0.53	4.280000021	mg/mi	193	1	X
1162	hydrogen cyanide	74-90-8	X	X	0	90	mg/mi	197	1	X