Compound Number	IUPAC Name (or equivalent)	CAS Number	Gas Exh Gas-Exh	Gas Evp Gas-Evp	Dsl Exh Dsl-Exh	CNG Exh CNG-Exh	LPG Exh LPG-Exh	M85 Exh M85-Exh	M85 Evp M85-Evp	E85 Exh E85-Exh	E85 Evp E85-Evp	Jet Exh Jet-Exh	Res Exh Res-Exh	Oth Exh Oth-Exh	Oth Evap Oth-Evap	Oth Oth-	mg/mi Minimum Emission Rate mg/mi	mg/mi Maximum Emission Rate mg/mi	Emission Rate Units	mg/hp-hr Minimum Emission Rate mg/hp-hr	mg/hp-hr Maximum Emission Rate mg/hp-hr	Emission Rate Units	Applicable References	update?	nonroad	onroad
1	(1,1-dimethylethyl)-benzene	00098-06-6	X	X	X												1.5016	2.2949	mg/mi				8,24,46			
2	(1,1-dimethylpropyl)-benzene	02049-95-8	X																				20,21			
3	(1,2-dimethylpropyl)-benzene	04481-30-5	X																				20,21			
4	(1-methylethyl)-benzene	00098-82-8	X	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,	1	X	X
5	(1-methylethyl)-cyclohexane	00696-29-7	X		X	X											0.0600	31.4719	mg/mi				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	1,8,9,20,21,22,24,45,46,48,102,131,188,193	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				1,9,20,21,22,31,45,46,188	1		X
8	(2-methylbutyl)-benzene	03968-85-2	X		X	X				X							0.0000	3.9874	mg/mi				9,45,46,193	1		
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																				24			
11	(E)-1,3-pentadiene	02004-70-8	X	X													0.0000	105.6160	mg/mi				46,131,188	1		X
12	(E)-2-butene	00624-64-6	X	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		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,	1	X	X
15	(E)-2-methyl-3-heptene	00692-96-6	X																				5			
16	(E)-2-methyl-3-hexene	00692-24-0	X	X													0.0000	8.2426	mg/mi				46,131,188	1		X
17	(E)-2-nonene	06434-78-2	X	X													0.0700	1.0300	mg/mi				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				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		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				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		X					0.0000	52.3223	mg/mi				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				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				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																			22			
27	(Z)-2-butene	00590-18-1	X	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		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,	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		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				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				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																				29			
37	(Z)-4-methyl-2-pentene	00691-38-3	X	X	X	X	X	X	X	X							0.0000	15.8192	mg/mi				1,5,9,20,21,22,31,45,46,131,188	1		X
38	(Z)-4-nonene	10405-84-2		X																			22			
39	(Z)-4-octene	7642-15-1	X	X	X	X	X	X	X	X							0.0000	14.4212	mg/mi				1,9,20,21,22,31,45,46			
40	(e,e)-2,4-hexadienal	00142-83-6		X																			24			
41	1,1'-bicyclopentyl	01636-39-1	X																				24			
42	1,1,1-trichloroethane	00071-55-6	X		X							X					0.0000	0.0300	mg/mi				17,42,190	1	X	X
43	1,1,2-trichloroethane	00079-00-5		X																			24			
44	1,1,2-trimethylcyclopentane	04259-00-1	X				X										0.0100	0.3800	mg/mi				31,193	1		X
45	1,1,3-trimethylcyclohexane	03073-66-3	X	X			X																31,131	1		X
46	1,1,3-trimethylcyclopentane	04516-69-2	X	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				22,31,193	1		X
49	1,1-dimethylcyclopentane	01638-26-2	X				X										0.0500	0.8700	mg/mi				31,193	1		X
50	1,2,3,4,6,7,8-heptachlorodibenzo-p-(	35822-46-9			X	X											0.0000	0.0000	mg/mi				9,92	1		X
51	1,2,3,4,6,7,8-heptachlorodibenzofura	67562-39-4			X																		9			
52	1,2,3,4,7,8,9-heptachlorodibenzofura	55673-89-7			X																		9			
53	1,2,3,4,7,8-hexachlorodibenzo-p-dio	39227-28-6			X																		9			
54	1,2,3,4,7,8-hexachlorodibenzofuran	70648-26-9			X																		9			
55	1,2,3,4-tetramethylbenzene	00488-23-3	X	X	X	X	X	X	X	X		X					0.0000	22.5460	mg/mi				1,9,20,21,22,24,31,45,46,131,166,188,193	1		X
56	1,2,3,5-tetramethylbenzene	00527-53-7	X	X	X	X	X	X	X	X		X					0.0000	46.5671	mg/mi	0.119999997	9.479999542	mg/hp-hr	1,8,9,20,21,22,24,29,31,45,46,95,102,131,166,184,188	1	X	X
57	1,2,3,6,7,8-hexachlorodibenzo-p-dio	57653-85-7			X																		9			
58	1,2,3,6,7,8-hexachlorodibenzofuran	57117-44-9			X																		9			
59	1,2,3,7,8,9-hexachlorodibenzo-p-dio	19408-74-3			X	X											0.0000	0.0000	mg/mi				9,92	1		X
60	1,2,3,7,8,9-hexachlorodibenzofuran	72918-21-9			X																		9			

61	1,2,3,7,8-pentachlorodibenzo-p-diox	40321-76-4			X																9			
62	1,2,3,7,8-pentachlorodibenzofuran	57117-41-6			X																9			
63	1,2,3-trimethylbenzene	00526-73-8	X	X	X	X	X	X	X	X		X		0.0000	96.0359	mg/mi	0.079999998	0.330000013	mg/hp-hr	1,8,9,20,21,22,24,29,31,45,46,95,102,131,147,166,184,	1	X	X
64	1,2,4,5-tetramethylbenzene	00095-93-2	X	X	X	X	X	X	X	X		X		0.0000	32.4638	mg/mi	0.01	2.190000057	mg/hp-hr	1,8,9,20,21,22,24,31,45,46,48,95,102,131,166,180,184,	1	X	X
65	1,2,4-trimethylbenzene	00095-63-6	X	X	X	X	X	X	X	X		X		0.0000	473.1192	mg/mi	0.01	184.3800049	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,45,46,48,53,62,101,102,13	1	X	X
66	1,2,4-trimethylcyclopentane	02815-58-9	X	X										0.0197	86.8983	mg/mi				46,131,188	1		X
67	1,2-butadiene	00590-19-2	X		X	X								0.0000	47.5548	mg/mi				46,95,166,188	1		X
68	1,2-dibromoethane	00106-93-4	X		X							X								17			
69	1,2-dichlorobenzene	00095-50-1	X		X															8			
70	1,2-diethylbenzene	00135-01-3	X	X	X	X	X	X	X	X				0.0000	20.7000	mg/mi				1,8,9,20,21,22,24,29,31,45,46,48,131,188,193	1		X
71	1,2-dihydronaphthalene	00447-53-0		X	X									0.1911	2.8563	mg/mi				24,166	1		X
72	1,2-dimethyl-4-(1-methylethyl)-benz	04132-77-8	X				X													31			
73	1,2-dimethylnaphthalene	00573-98-8	X		X							X		0.0001	1.2314	mg/mi				24,35,87,166,177	1		X
74	1,2-propadiene	00463-49-0	X	X	X	X	X	X	X	X				0.0000	48.5604	mg/mi	0.441572487	3.623102903	mg/hp-hr	1,9,20,21,22,24,29,31,45,46,47,131,138,188	1	X	X
75	1,3,5-trimethylbenzene	00108-67-8	X	X	X	X	X	X	X	X		X		0.0000	163.7585	mg/mi	0.029999999	66.62999725	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,45,46,48,53,62,95,101,102	1	X	X
76	1,3,5-trimethylcyclohexane	01839-63-0	X											0.0000	60.0663	mg/mi				46,188	1		X
77	1,3-bis(1-methylethyl)-benzene	00099-62-7		X																22			
78	1,3-butadiene	00106-99-0	X	X	X	X	X	X	X	X	X	X		0.0000	338.6232	mg/mi	0.059999999	1569	mg/hp-hr	1,3,4,5,6,7,8,9,11,12,13,14,16,17,19,20,21,22,23,24,25,	1	X	X
79	1,3-butadiyne	00460-12-8	X											0.0000	50.8974	mg/mi				46,188	1		X
80	1,3-cyclopentadiene	00542-92-7	X	X	X	X	X	X	X	X				0.0000	101.1908	mg/mi	0.050000001	55.06999969	mg/hp-hr	1,9,20,21,22,29,31,45,48,102,147,180,184	1	X	X
81	1,3-diethylbenzene	00141-93-5	X	X	X	X	X	X	X	X		X		0.0000	31.4894	mg/mi				1,5,8,9,20,21,22,24,29,31,45,46,95,131,166,188,193	1		X
82	1,3-dimethylcyclopentane	02453-00-1	X									X								24			
83	1,3-dipropylbenzene	17171-72-1	X											0.0000	7.7444	mg/mi				46,188	1		X
84	1,4-bis(1-methylethyl)-benzene	00100-18-5		X																22			
85	1,4-diethylbenzene	00105-05-5	X	X	X	X	X	X	X	X				0.0000	44.8000	mg/mi	0.219999999	4.380000114	mg/hp-hr	1,8,9,20,21,22,24,31,45,46,48,95,102,131,147,166,180,	1	X	X
86	1,cis-2,trans-4-trimethylcyclopentan	04850-28-6	X	X			X							0.0131	0.0131	mg/mi	0.109999999	4.980000019	mg/hp-hr	31,131,184,189	1	X	X
87	1,trans-2,cis-3-trimethylcyclopentane		X				X										0.680000007	0.949999988	mg/hp-hr	31,184	1	X	
88	1-(1,1-dimethylethyl)-2-methylbenz	01074-92-6	X		X	X	X			X				0.0000	10.2000	mg/mi	0.090000004	0.550000012	mg/hp-hr	9,45,46,48,102,180,184,188	1	X	X
89	1-(1,1-dimethylethyl)-3,5-dimethylb	00098-19-1	X		X	X	X			X				0.0000	10.6626	mg/mi	0.159999996	0.389999986	mg/hp-hr	9,45,46,48,102,180,184,188	1	X	X
90	1-buten-3-yne	00689-97-4	X											0.0173	23.7668	mg/mi				29,46,188	1		X
91	1-butene	00106-98-9	X	X	X	X	X	X	X	X		X		0.0000	89.5100	mg/mi	0.050000001	37.59000015	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,36,45,46,47,48,102,131,147,1	1	X	X
92	1-butene & 1,3-butadiene	106-98-8; 106-99-0										X								35			
93	1-butyl-2-methylbenzene	01595-11-5	X											0.0000	10.7905	mg/mi				46,188	1		X
94	1-butyne	00107-00-6	X	X	X	X	X	X	X	X				0.0000	14.1873	mg/mi				1,9,20,21,22,31,45,46,131,138,188,193	1		X
95	1-decene	00872-05-9	X	X	X							X					0.119999997	0.119999997	mg/hp-hr	24,36,102,131	1		X
96	1-dodecene	00112-41-4	X	X	X							X					0.5	0.5	mg/hp-hr	22,24,102	1		X
97	1-ethenyl-2-methylbenzene	00611-15-4	X		X															8,29			
98	1-ethyl-1-methylcyclopentane	16747-50-5	X				X							0.0189	45.8699	mg/mi				31,188,193	1		X
99	1-ethyl-2,3-dimethylbenzene	00933-98-2	X		X	X				X				0.0000	12.4233	mg/mi				9,45,46,188	1		X
100	1-ethyl-2,4-dimethylbenzene	00874-41-9	X	X	X	X	X			X		X		0.0000	32.5585	mg/mi	0.029999999	8.670000076	mg/hp-hr	8,9,22,24,29,45,46,48,102,180,184,188,193	1	X	X
101	1-ethyl-2-methylbenzene	00611-14-3	X	X	X	X	X	X	X	X		X		0.0000	136.8769	mg/mi	0.050000001	38.11000061	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,95,101,102,131,1	1	X	X
102	1-ethyl-2-propylbenzene	16021-20-8	X											0.0000	6.8396	mg/mi				46,188	1		X
103	1-ethyl-3,5-dimethylbenzene	00934-74-7	X		X									0.0188	79.6918	mg/mi				46,166,188	1		X
104	1-ethyl-3-methylbenzene	00620-14-4	X	X	X	X	X	X	X	X		X		0.0000	322.9508	mg/mi	0.039999999	122.5999985	mg/hp-hr	1,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,131,	1	X	X
105	1-ethyl-4-methylbenzene	00622-96-8	X	X	X	X	X	X	X	X		X		0.0000	239.2279	mg/mi	0.059999999	55.36999893	mg/hp-hr	1,9,20,21,22,24,29,31,35,45,46,48,53,62,95,101,102,13	1	X	X
106	1-ethylcyclopentene	02146-38-5		X																24			
107	1-heptene	00592-76-7	X	X	X	X	X	X	X	X		X		0.0000	33.5814	mg/mi				1,9,20,21,22,24,31,36,45,95,166	1		X
108	1-hexene	00592-41-6	X	X	X	X	X	X	X	X		X		0.0000	34.1951	mg/mi	0.02	3.789999962	mg/hp-hr	1,5,9,20,21,22,24,29,31,35,36,45,46,48,53,102,131,180,	1	X	X
109	1-hexyne	00693-02-7	X																	24			
110	1-methyl-1,4-cyclohexadiene	04313-57-9		X																24			
111	1-methyl-2-(1-methylethyl)-benzene	00527-84-4	X		X	X	X			X				0.0000	11.9275	mg/mi	0.029999999	33.97999954	mg/hp-hr	9,45,46,48,102,166,180,184,188,193	1	X	X
112	1-methyl-2-propylbenzene	01074-17-5	X	X	X	X	X			X				0.0000	24.9539	mg/mi	0.189999998	1.070000052	mg/hp-hr	9,22,24,31,45,46,102,166,184,188	1	X	X
113	1-methyl-3-(1-methylethyl)-benzene	00535-77-3	X	X	X	X	X			X				0.0000	29.4000	mg/mi	0.02	27.62999916	mg/hp-hr	9,24,45,46,48,166,180,184,188,193	1	X	X
114	1-methyl-3-propylbenzene	01074-43-7	X	X	X	X				X				0.0000	64.9621	mg/mi	0.159999996	0.159999996	mg/hp-hr	5,9,22,24,29,45,46,48,102,131,188	1		X
115	1-methyl-4-(1-methylethyl)-benzene	00099-87-6	X	X	X	X				X				0.0000	13.3459	mg/mi			mg/hp-hr	5,9,22,45,46,166,180,188,193	1		X
116	1-methyl-4-isobutylbenzene	05161-04-6	X	X			X	X	X					0.0000	5.3213	mg/mi				1,20,21,22,31,45			
117	1-methyl-4-propylbenzene	01074-55-1	X		X	X				X				0.0000	23.4000	mg/mi	0.150000006	0.49000001	mg/hp-hr	9,45,48,102,180	1		X
118	1-methylcyclohexene	00591-49-1		X																22,24			
119	1-methylcyclopentene	00693-89-0	X	X	X	X	X			X				0.0000	157.0216	mg/mi	6.099999905	8.75	mg/hp-hr	5,9,22,24,29,31,45,46,48,95,166,180,184,189,193	1	X	X
120	1-methylnaphthalene	00090-12-0	X		X							X		0.0044	18.6411	mg/mi	0.00017	131.8000031	mg/hp-hr	9,24,35,36,53,62,87,98,99,100,166,173,177,183	1		X
121	1-nitronaphthalene	00086-57-7			X	X								0.0003	0.0415	mg/mi	0.00032	0.00066	mg/hp-hr	9,95,166,183	1		X
122	1-nitropyrene	05522-43-0			X	X					X			0.0000	0.0025	mg/mi	2E-06	0.0033	mg/hp-hr	9,23,92,95,102,166,173,175,183,191	1	X	X
123	1-nonene	00124-11-8	X	X	X	X	X	X	X	X		X		0.0000	108.4299	mg/mi	0.01	19.43000031	mg/hp-hr	1,9,20,21,22,24,29,31,36,45,46,48,102,131,180,184,188	1	X	X
124	1-octene	00111-66-0	X	X	X	X	X	X	X	X		X		0.0000	29.6784	mg/mi	0.670000017	0.579999983	mg/hp-hr	1,9,20,21,22,24,36,45,46,48,131,180,184,188,193	1	X	X
125	1-pentene	00109-67-1	X	X	X	X	X	X	X	X		X		0.0000	90.9571	mg/mi	0.07	9.409999847	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,36,45,46,48,53,95,101,102	1	X	X
126	1-pentyne	00627-19-0	X																	24			
127	1-undecene	00821-95-4	X	X																22,24			
128	2,2,3-trimethylbutane	00464-06-2	X	X	X	X	X	X	X	X				0.0000	15.9729	mg/mi	0.01	7.599999905	mg/hp-hr	1,9,20,21,22,31,45,46,48,102,131,180,184,188,189,193	1	X	X

129	2,2,3-trimethylpentane	00564-02-3	X		X		X							0.1314	0.1639	mg/mi	0.039999999	0.829999983	mg/hp-hr	31,102,184,189	1	X	X
130	2,2,4,4-tetramethylpentane	01070-87-7	X	X			X													31,131	1		X
131	2,2,4-trimethyl-4-pentene	00107-39-1	X	X	X	X	X	X	X	X				0.0000	19.0529	mg/mi	2.5	3.880000114	mg/hp-hr	1,5,9,20,21,22,24,31,45,48,180,184,188	1	X	X
132	2,2,4-trimethylheptane	14720-74-2	X											0.0000	18.5880	mg/mi				46,188	1		X
133	2,2,4-trimethylhexane	16747-26-5	X	X			X							0.0189	37.6301	mg/mi				24,31,46,188	1		X
134	2,2,4-trimethylpentane	00540-84-1	X	X	X	X	X	X	X	X	X			0.0000	2025.9141	mg/mi	0.01	245.9900055	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,45,46,48,53,62,95,101,102	1	X	X
135	2,2,5-trimethylheptane	02091-95-6	X											0.0227	47.4738	mg/mi				46,188	1		X
136	2,2,5-trimethylhexane	03522-94-9	X	X	X	X	X	X	X	X				0.0000	250.3090	mg/mi	0.029999999	24.22999954	mg/hp-hr	1,5,9,20,21,22,24,29,31,45,46,48,95,101,102,138,147,1	1	X	X
137	2,2-dimethylbutane	00075-83-2	X	X	X	X	X	X	X	X	X			0.0000	876.9746	mg/mi	0.170000002	11.31000042	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
138	2,2-dimethylhexane	00590-73-8	X	X	X	X	X	X	X	X	X			0.0000	78.1000	mg/mi				1,9,20,21,22,24,31,45,46,48,188,193	1		X
139	2,2-dimethyloctane	15869-87-1	X	X	X	X	X	X	X	X				0.0000	68.1829	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46,48,180,188,193	1		X
140	2,2-dimethylpentane	00590-35-2	X	X	X	X	X	X	X	X				0.0000	44.9000	mg/mi	0.07	17.55999947	mg/hp-hr	1,9,20,21,22,31,45,48,102,131,180,184,189,193	1	X	X
141	2,2-dimethylpropane	00463-82-1	X	X	X	X	X	X	X	X				0.0000	27.6685	mg/mi	0.02	0.039999999	mg/hp-hr	1,8,9,20,21,22,24,31,45,46,48,131,184,188,189,193	1	X	X
142	2,3,3-trimethyl-1-butene	00594-56-9	X	X			X				X									24,31			
143	2,3,3-trimethylpentane	00560-21-4	X	X	X	X	X			X				0.0000	176.9000	mg/mi	0.01	57.65000153	mg/hp-hr	5,9,22,24,31,45,46,48,102,180,184,189	1	X	X
144	2,3,4,6,7,8-hexachlorodibenzofuran	60851-34-5			X															9			
145	2,3,4,7,8-pentachlorodibenzofuran	57117-31-4			X															9			
146	2,3,4-trimethylpentane	00565-75-3	X	X	X	X	X	X	X	X	X			0.0000	802.7360	mg/mi	0.01	1.419999957	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,53,62,95,101,102,131,1	1	X	X
147	2,3,5,6-tetramethylphenol	00527-35-5	X											0.7000	46.0000	mg/mi				42			X
148	2,3,5-trimethylhexane	01069-53-0	X	X	X	X	X	X	X	X				0.0000	40.7693	mg/mi	3.640000105	3.730000019	mg/hp-hr	1,5,9,20,21,22,24,31,45,46,48,184,188,189,193	1	X	X
149	2,3,5-trimethylnaphthalene	02245-38-7			X												0.0002	108.2200012	mg/hp-hr	9,173,183	1		X
150	2,3,5-trimethylphenol	00697-82-5	X											3.9000	20.0000	mg/mi				42			
151	2,3,7,8-tetrachlorodibenzo-p-dioxin	01746-01-6	X		X							X		0.0000	0.0000	mg/mi				4,9,13,16,17,23,27			
152	2,3,7,8-tetrachlorodibenzofuran	51207-31-9			X															9			
153	2,3-butadione	00431-03-8	X		X						X			0.0249	1.1185	mg/mi				35,53,62,193	1		X
154	2,3-dimethyl-1-butene	00563-78-0	X	X			X							0.0000	82.9369	mg/mi				5,31,46,131,188	1		X
155	2,3-dimethyl-2-pentene	10574-37-5	X	X	X	X	X	X	X	X				0.0000	3.4340	mg/mi				1,9,20,21,22,31,45,46,95,166,188	1		X
156	2,3-dimethylbutane	00079-29-8	X	X	X	X	X	X	X	X	X			0.0000	761.4819	mg/mi	0.02	60.16999817	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,13	1	X	X
157	2,3-dimethylheptane	03074-71-3	X	X	X	X	X	X	X	X				0.0000	14.3480	mg/mi				1,5,9,20,21,22,24,31,45,46,131,188	1		X
158	2,3-dimethylhexane	00584-94-1	X	X	X	X	X	X	X	X	X			0.0000	176.2000	mg/mi	0.01	0.959999979	mg/hp-hr	1,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,131,	1	X	X
159	2,3-dimethyloctane	07146-60-3	X	X							X			0.0000	22.0364	mg/mi				5,24,46,147,188	1		X
160	2,3-dimethylpentane	00565-59-3	X	X	X	X	X	X	X	X	X			0.0000	976.6037	mg/mi	0.01	0.389999986	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,13	1	X	X
161	2,3-dimethylphenol	00526-75-0	X											0.0100	46.0000	mg/mi				42			X
162	2,4,4-trimethyl-2-pentene	00107-40-4	X	X	X	X	X	X	X	X				0.0000	5.0079	mg/mi				1,5,9,20,21,22,31,45,46,188,189	1		X
163	2,4,4-trimethylhexane	16747-30-1	X				X							0.0000	17.8084	mg/mi	2.809999943	2.210000038	mg/hp-hr	31,46,184,188	1	X	X
164	2,4,5-trimethylheptane	20278-84-6	X	X																24			
165	2,4,6-trimethylhexane		X				X													31			
166	2,4,6-trimethylphenol	00527-60-6	X											0.0100	46.0000	mg/mi				42			X
167	2,4-dimethyl-1-pentene	02213-32-3	X											0.0000	4.0607	mg/mi				46,188	1		X
168	2,4-dimethyl-2-pentene	00625-65-0	X											0.0000	45.8811	mg/mi				46,188	1		X
169	2,4-dimethylheptane	02213-23-2	X	X	X	X	X	X	X	X				0.0000	26.8086	mg/mi	2.5	3.720000029	mg/hp-hr	1,5,9,20,21,22,24,31,45,46,48,131,184,188,189,193	1	X	X
170	2,4-dimethylhexane	00589-43-5	X	X	X	X	X	X	X	X	X			0.0000	226.4912	mg/mi	0.02	48.43999863	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,101,102,131,1	1	X	X
171	2,4-dimethyloctane	04032-94-4	X	X	X	X	X	X	X	X				0.0000	50.6000	mg/mi	0.25	2.329999924	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,102,147,180,184,188	1	X	X
172	2,4-dimethylpentane	00108-08-7	X	X	X	X	X	X	X	X	X			0.0000	486.6820	mg/mi	0.02	0.170000002	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,14	1	X	X
173	2,5-dimethyl-1,5-hexadiene	00627-58-7	X	X																5,131	1		X
174	2,5-dimethylbenzaldehyde	05779-94-2	X		X									2.5476	21.7480	mg/mi				20,21,53,62	1		X
175	2,5-dimethylheptane	02216-30-0	X	X	X		X				X			0.0122	2.1200	mg/mi	0.090000004	9.079999924	mg/hp-hr	24,31,102,131,184,189,193	1	X	X
176	2,5-dimethylhexane	00592-13-2	X	X	X	X	X	X	X	X	X			0.0000	131.6040	mg/mi				1,9,20,21,22,24,29,31,45,46,53,62,101,138,147,188	1		X
177	2,5-dimethyloctane	15869-89-3	X											0.0000	26.2515	mg/mi				46,188	1		X
178	2,6- & 2,7-dimethylnaphthalene	00581-42-0	X		X									0.0003	7.9688	mg/mi	0.054000001	0.720000029	mg/hp-hr	9,87,166,177,183	1		X
179	2,6-dimethylheptane	01072-05-5	X		X		X							0.0104	50.8604	mg/mi	0.02	4.150000095	mg/hp-hr	31,46,102,184,188,189	1	X	X
180	2,6-dimethylnaphthalene	00581-42-0			X						X						0.00032	140.9499969	mg/hp-hr	24,35,98,99,100,173	1		X
181	2,6-dimethyloctane	02051-30-1	X											0.0000	32.1216	mg/mi				24,46,188	1		X
182	2-(1-methylethyl)-phenol	00088-69-7	X											0.0100	46.0000	mg/mi				42			X
183	2-butanone	00078-93-3	X		X	X	X	X		X	X			0.0000	21.6013	mg/mi	0.050000001	1.440000057	mg/hp-hr	1,5,8,9,20,21,24,31,42,45,46,48,53,62,92,102,147,155,1	1	X	X
184	2-butanone & 2-methylpropanal mix	78-93-3; 78-84-2	X								X						13	262	mg/hp-hr	7,170,190	1	X	
185	2-butenal	04170-30-3	X								X			0.0000	13.2414	mg/mi				46,188,190	1	X	X
186	2-butyne	00503-17-3	X	X	X	X	X	X	X	X				0.0000	33.5000	mg/mi	1.059999943	1.059999943	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,102,131,188,193	1		X
187	2-ethoxy-2-methylpropane	00637-92-3	X	X	X		X	X	X					0.0000	98.6320	mg/mi				1,9,20,21,22,24,31,45,53,131,147	1		X
188	2-ethyl-1,3-dimethylbenzene	02870-04-4	X	X	X	X				X				0.0000	14.4266	mg/mi			mg/hp-hr	8,9,22,24,29,45,46,131,180,188,193	1		X
189	2-ethyl-1,4-dimethylbenzene	01758-88-9	X	X	X	X				X				0.0000	40.4460	mg/mi	0.219999999	0.219999999	mg/hp-hr	8,9,22,24,45,46,48,102,131,166,180,188,193	1		X
190	2-hexene	00592-43-8	X	X																24			
191	2-methoxy-2-methylpropane	01634-04-4	X	X	X	X	X	X	X	X				0.0000	2069.0410	mg/mi	2.170000076	7.559999943	mg/hp-hr	1,4,5,9,12,13,14,18,20,21,22,23,24,29,30,31,32,33,37,4	1	X	X
192	2-methyl-1,3-butadiene	00078-79-5	X	X	X	X	X	X	X	X	X			0.0000	275.1026	mg/mi	0.029999999	30.23999977	mg/hp-hr	1,5,9,20,21,22,24,29,31,45,46,48,95,102,131,138,147,1	1	X	X
193	2-methyl-1-butene	00563-46-2	X	X	X	X	X	X	X	X	X			0.0000	211.2182	mg/mi	0.029999999	28.06999969	mg/hp-hr	1,5,9,20,21,22,24,29,31,45,46,48,53,62,95,102,131,138,	1	X	X
194	2-methyl-1-hexene	06094-02-6	X	X			X										1.159999967	2.279999971	mg/hp-hr	31,131,184	1	X	X
195	2-methyl-1-nitronaphthalene	00881-03-8			X															9			
196	2-methyl-1-pentene	00763-29-1	X	X	X	X	X	X	X	X	X			0.0000	52.2099	mg/mi	0.02	4.110000134	mg/hp-hr	1,5,9,20,21,22,24,31,45,46,48,53,95,102,131,166,180,18	1	X	X

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,	1	X	X
199	2-methyl-2-ethylheptane		X				X													31			
200	2-methyl-2-hexene	02738-19-4	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				0.0000	71.0536	mg/mi	4.949999809	7.170000076	mg/hp-hr	1,9,20,21,22,24,29,31,45,46,48,53,62,95,166,180,184,18	1	X	X
202	2-methyl-2-propenal	00078-85-3	X		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	1		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	1,5,8,9,20,21,22,24,29,31,34,38,40,45,46,47,48,53,62,9	1	X	X
207	2-methyldecane	06975-98-0	X	X																5,24			
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					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-nitrobiphenyl	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						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	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				42			
223	3,3,5-trimethyl-1-hexene	04316-65-8	X																	5			
224	3,3-dimethyl-1-butene	00558-37-2	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				X							0.0800	1.5500	mg/mi				31,193	1		X
226	3,3-dimethylhexane	00563-16-6	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				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				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				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				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							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			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				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				0.0000	36.8873	mg/mi			mg/hp-hr	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								0.0421	1.5041	mg/mi				22,95,166	1		X
245	3-methylbenzaldehyde	00620-23-5	X		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				X			0.1553	13.7199	mg/mi	0.090000004	1.49000001	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				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	1,5,9,20,21,22,24,29,31,35,45,46,48,95,147,166,184,18	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	1,5,9,20,21,22,24,29,31,45,46,48,95,102,131,166,184,18	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	1,5,8,9,20,21,24,29,31,34,35,45,46,48,53,62,95,101,102	1	X	X
254	3-nitrofluoranthene	00892-21-7			X								X				1E-06	0.00013	mg/hp-hr	9,166,175,191	1	X	X
255	4,4-dimethylheptane	01068-19-5	X	X			X										0.99000001	1.409999967	mg/hp-hr	31,131,184	1	X	X
256	4-ethyl-1,2-dimethylbenzene	00934-80-5	X	X	X	X				X				0.0000	64.5750	mg/mi			mg/hp-hr	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						X			0.4500	4.2400	mg/mi				8,190,193	1	X	
260	4-methylbenzaldehyde	00104-87-0	X			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				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			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

265	4-nitropyrene	57835-92-4			X															9					
266	5-methylindane	00874-35-1	X												0.0230	16.5031	mg/mi				46,188	1		X
267	5-nitroacenaphthene	00602-87-9			X																9				
268	6-nitrobenzo(a)pyrene	63041-90-7			X	X								X	0.0000	0.0004	mg/mi	7E-07	0.00042	mg/hp-hr	9,95,102,175,183,191	1	X	X
269	6-nitrochrysene	07496-02-8			X	X								X	0.0000	0.0003	mg/mi	8E-07	0.00021	mg/hp-hr	9,95,102,166,175,191	1	X	X
270	7-nitrobenz(a)anthracene	20268-51-3			X	X									0.0000	0.0004	mg/mi	6E-07	6E-05	mg/hp-hr	9,95,102	1		X
271	9-nitroanthracene	00602-60-8			X	X								X	0.0000	0.0025	mg/mi	2E-06	0.0044	mg/hp-hr	9,95,166,173,175,183,191	1	X	X
294	ethyl indane		X																		24				
295	ethyl napthalene	27138-19-8		X	X													0.100000001	1.600000024	mg/hp-hr	24,102	1		X
296	ethyl styrene	28106-30-1	X																		20,21				
357	indeno(1,2,3-cd)fluoranthene	00193-43-1			X																9				
358	acenaphthene	00083-32-9	X		X	X						X			0.0001	2.2146	mg/mi	2.6139E-05	0.560000002	mg/hp-hr	9,15,25,35,53,62,87,92,95,98,99,100,166,177,187,191	1	X	X
359	acenaphthylene	00208-96-8	X		X	X						X			0.0002	3.6870	mg/mi	1.21283E-05	31.80999947	mg/hp-hr	9,15,25,35,53,62,87,92,95,98,99,100,166,173,177,180,1	1	X	X
360	acetaldehyde	00075-07-0	X		X	X	X	X		X	X	X	X		0.0000	604.8023	mg/mi	0.039999999	822	mg/hp-hr	1,3,4,5,7,8,9,10,11,12,13,14,16,17,19,20,21,23,24,26,29	1	X	X
361	acetone	00067-64-1	X		X	X	X	X		X		X			0.0000	260.5937	mg/mi	0.100000001	271	mg/hp-hr	1,5,7,8,9,20,21,24,31,35,36,42,45,46,48,53,62,102,147,	1	X	X
362	acetylene	00074-86-2	X	X	X	X	X	X	X	X		X			0.0000	7229.9774	mg/mi	0.07	2857.01001	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,35,36,38,40,45,46,47,48,5	1	X	X
363	aluminum	07429-90-5	X		X										0.0011	3.0105	mg/mi				2,9,24,42,87,166,193	1		X
364	ammonium chloride	12125-02-9	X		X																9,24				
365	anthracene	00120-12-7	X		X	X						X		X	0.0001	4.3700	mg/mi	4.54828E-05	9.670000076	mg/hp-hr	9,15,24,25,35,36,53,62,87,92,95,98,99,100,166,173,175	1	X	X
366	antimony	07440-36-0	X		X										0.0001	0.1302	mg/mi				2,9,24,166	1		X
367	arsenic	07440-38-2	X		X								X		0.0008	0.0342	mg/mi				4,9,10,13,16,24,166	1		X
368	barium	07440-39-3	X		X										0.0000	2.5872	mg/mi				2,9,24,42,166	1		X
369	benzaldehyde	00100-52-7	X		X	X	X	X		X		X			0.0000	98.7980	mg/mi	0.050000001	1138	mg/hp-hr	1,5,7,8,9,20,21,24,29,31,36,42,45,46,48,53,62,95,102,1	1	X	X
370	benzaldehyde & unknown	00100-52-7; X										X									35				
371	benzene	00071-43-2	X	X	X	X	X	X	X	X	X	X	X		0.0000	2389.7565	mg/mi	0.100000001	14421	mg/hp-hr	1,3,4,5,7,8,9,10,11,12,13,14,16,17,19,20,21,22,23,24,25	1	X	X
372	benzene & cyclohexane	00100-52-7; 110-82-7	X	X											44.2800	165.2400	mg/mi				34			X
373	benzo(a)anthracene	00056-55-3	X		X	X						X		X	0.0001	14.7200	mg/mi	5E-06	0.016419999	mg/hp-hr	9,15,24,25,35,36,53,62,87,92,95,98,99,100,102,166,173	1	X	X
374	benzo(a)phenanthrene	00218-01-9	X		X	X						X		X	0.0001	10.7600	mg/mi	2E-06	0.017200001	mg/hp-hr	15,24,25,35,36,87,92,95,98,99,100,102,115,166,173,17	1	X	X
375	benzo(a)pyrene	00050-32-8	X		X	X						X		X	0.0000	14.8200	mg/mi	2E-06	0.02059	mg/hp-hr	9,15,16,23,24,25,35,36,53,87,92,95,98,99,100,102,115,	1	X	X
376	benzo(b)chrysene	00214-17-5	X		X										0.0006	0.5200	mg/mi	0.00015	0.0004	mg/hp-hr	9,87,183,193	1		X
377	benzo(b)fluoranthene	00205-99-2	X		X	X								X	0.0000	25.2000	mg/mi	2E-06	0.0053	mg/hp-hr	15,25,53,92,98,99,100,102,173,175,180,187,191,193	1	X	X
378	benzo(b)quinoline	00260-94-6			X																24				
379	benzo(c)chrysene	00194-69-4			X													0.00014	0.00029	mg/hp-hr	9,183	1		X
380	benzo(c)phenanthrene	00195-19-7	X		X	X									0.0000	0.3019	mg/mi	0.00154	0.00303	mg/hp-hr	9,24,95,166,183	1		X
381	benzo(e)pyrene	00192-97-2	X		X	X						X		X	0.0000	17.8900	mg/mi	6E-05	0.018990001	mg/hp-hr	9,23,24,35,36,53,87,92,98,99,100,166,173,175,177,180,	1	X	X
382	benzo(ghi)fluoranthene	00203-12-3	X		X										0.0000	17.1300	mg/mi	0.01694	0.024839999	mg/hp-hr	9,53,62,183,193	1		X
383	benzo(ghi)perylene	00191-24-2	X		X	X						X		X	0.0006	47.5800	mg/mi	2E-06	0.060740001	mg/hp-hr	9,15,24,25,35,87,92,95,98,99,100,102,115,166,173,175,	1	X	X
384	benzo(k)fluoranthene	00207-08-9	X		X	X								X	0.0000	5.3700	mg/mi	2E-06	0.0109	mg/hp-hr	15,25,53,92,98,99,100,102,173,175,180,187,191,193	1	X	X
385	benzofluoranthene	56832-73-6	X		X							X									9,23,24,35				
386	beryllium	07440-41-7											X								10,16				
387	boron	07440-42-8	X		X																24				
388	bromine	07726-95-6	X		X										0.0002	0.3050	mg/mi				2,9,24,42,87,166	1		X
389	butanal	00123-72-8	X		X	X		X		X		X			0.0000	11.0008	mg/mi				1,8,9,20,21,24,45,46,62,147,166,188	1		X
390	butanal & crotonaldehyde	00123-72-8; 4170-30-3										X									36				
391	butane	00106-97-8	X	X	X	X	X	X	X	X		X			0.0000	1920.7675	mg/mi	0.02	29.54000092	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,38,40,45,46,47,48,53,62,9	1	X	X
392	butenes		X	X											22.6800	134.6400	mg/mi				34			X
393	butylbenzene	00104-51-8	X	X	X	X	X	X	X			X			0.0000	156.3805	mg/mi				1,8,20,21,22,24,31,45,95,131,147,166	1		X
394	butylcyclohexane	01678-93-9	X	X								X									24				
395	cadmium	07440-43-9			X								X		0.0090	1.1301	mg/mi				9,10,16,166	1		X
396	calcium	07440-70-2	X		X										0.0030	6.8568	mg/mi				2,9,24,42,53,87,115,166,177,193	1		X
399	chloride	16887-00-6	X		X										0.0090	30.3163	mg/mi				9,115,166,193	1		X
400	chlorine	07782-50-5	X		X										0.0000	1.2180	mg/mi				2,9,24,42,53,87,166,177	1		X
401	chlorobenzene	00108-90-7		X								X									24,190	1	X		
402	chromium	07440-47-3	X		X							X	X		0.0003	0.2260	mg/mi			mg/hp-hr	2,4,9,10,12,13,16,17,24,42,87,166,187,193	1	X	X
403	chrysene & triphenylene	218-01-9; 217-59-4	X		X										0.0001	0.0324	mg/mi	0.01038	0.01736	mg/hp-hr	9,53,62,183	1		X
404	cis-1,2-dimethylcyclohexane	02207-01-4	X	X	X	X	X	X	X	X					0.0000	26.8857	mg/mi			mg/hp-hr	1,9,20,21,22,31,45,46,48,180,188	1		X
405	cis-1,2-dimethylcyclopentane	01192-18-3	X				X														31				
406	cis-1,3-dimethylcyclohexane	00638-04-0	X	X	X	X	X	X	X	X					0.0000	104.0803	mg/mi	0.001	0.001	mg/hp-hr	1,9,20,21,22,31,45,46,184,188	1	X	X
407	cis-1,3-dimethylcyclopentane	02532-58-3	X	X	X	X	X	X	X	X					0.0000	201.6427	mg/mi	4.860000134	7.340000153	mg/hp-hr	1,9,20,21,22,24,31,45,46,48,95,131,166,180,184,188,18	1	X	X
408	cis-1,4-dimethylcyclohexane	00624-29-3	X	X			X														5,22,24,31				
409	cis-1-ethyl-2-methylcyclopentane	00930-89-2	X				X											1.279999971	1.789999962	mg/hp-hr	31,184	1	X		
410	cis-1-ethyl-3-methylcyclopentane	02613-66-3	X		X		X								0.0000	1.2765	mg/mi	0.090000004	4.150000095	mg/hp-hr	31,46,102,184	1	X	X
411	cobalt	07440-48-4	X		X										0.0000	0.0134	mg/mi				2,9,166	1		X
412	copper	07440-50-8	X		X							X			0.0002	0.2270	mg/mi				2,9,17,24,87,166,177,193	1		X
413	coronene	00191-07-1	X		X	X						X			0.0001	0.1418	mg/mi	0.00493	0.00949	mg/hp-hr	9,23,36,53,87,95,115,166,177,183	1		X
414	cresol	01319-77-3	X		X	X									0.0000	3.9000	mg/mi				42,92	1		X
415	crotonaldehyde	4170-30-3	X		X	X	X	X		X					0.0000	70.8363	mg/mi	0.100000001	238	mg/hp-hr	1,5,7,9,20,21,24,31,42,45,48,53,62,102,147,166,170,18	1	X	X
416	cycloheptane	00291-64-5	X																		20,21				

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	1,5,8,9,20,21,22,24,31,45,46,48,53,62,95,101,138,166,1	1	X	X
418	cyclohexanone	00108-94-1	X		X																8			
419	cyclohexene	00110-83-8	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											X									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	1,5,9,20,21,22,24,31,45,46,48,53,62,95,102,131,147,16	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								X									24			
426	dibenz(a,h)anthracene	00053-70-3	X		X							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+a,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									X				0.00055	0.00093	mg/hp-hr	9,175,183	1	X	X
429	dibenzo(a,e)pyrene	00192-65-4			X													0.00061	0.00113	mg/hp-hr	9,183	1		X
430	dibenzo(a,h)pyrene	00189-64-0			X													0.00075	0.00133	mg/hp-hr	9,183	1		X
431	dibenzo(a,i)pyrene	00189-55-9			X													0.00027	0.00091	mg/hp-hr	9,183	1		X
432	dibenzo(a,l)pyrene	00191-30-0			X									X				0.00125	0.00284	mg/hp-hr	9,175,183	1	X	X
433	dibenzothiophene	00132-65-0	X		X							X			0.0002	0.0490	mg/mi				24,35,53,62,193	1		X
434	dichloromethane	00075-09-2	X		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			mg/hp-hr	24,95,102,166	1		X
438	dimethylbutene		X	X																	24			
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						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							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	1,5,8,9,20,21,22,24,28,29,31,35,36,45,46,47,48,53,95,1	1	X	X
459	ethanedial	00107-22-2	X		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					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						0.0000	91.6469	mg/mi				1,20,21,22,24,31,45,46,131,188	1		X
465	ethyldicycloheptane			X																	24			
466	ethyldimethylbenzene			X																	24			
467	ethyldimethylpentane	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													0.300000012	0.699999988	mg/hp-hr	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						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						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	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

488	heptadecane	00629-78-7	X		X						X			0.0027	28.5244	mg/mi	0.300000012	0.300000012	mg/hp-hr	24,36,53,62,102,166,180,193	1		X
489	heptadienal	05910-85-9		X																24			
490	heptane	00142-82-5	X	X	X	X	X	X	X	X	X			0.0000	316.5579	mg/mi	0.029999999	0.449999988	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,36,45,46,48,53,62,95,101,	1		X
491	heptene	25339-56-4	X	X		X	X				X						0.720000029	31.07999992	mg/hp-hr	24,131,184	1	X	X
492	hexachlorodibenzo-p-dioxin	34465-46-8			X															9			
493	hexachlorodibenzofuran	55684-94-1			X															9			
494	hexacosane	00630-01-3	X		X									0.0005	28.9230	mg/mi				24,53,62,166	1		X
495	hexadecane	00544-76-3	X		X						X			0.0001	28.4929	mg/mi	0.100000001	1.700000048	mg/hp-hr	24,36,53,62,102,166,180,193	1		X
496	hexamethylcyclotrisiloxane	00541-05-9									X									24			
497	hexanal	00066-25-1	X		X	X	X	X		X	X			0.0000	548.0000	mg/mi	0	80	mg/hp-hr	1,5,7,8,9,20,21,24,31,36,45,46,53,62,102,155,166,170,1	1	X	X
498	hexane	00110-54-3	X	X	X	X	X	X	X	X	X			0.0000	1062.5487	mg/mi	0.01	29.37000084	mg/hp-hr	1,4,5,8,9,10,11,12,13,20,21,22,24,29,31,35,45,46,48,53,	1	X	X
499	hexene	25264-93-1		X																24			
500	hexenes		X	X										5.4000	55.0800	mg/mi				34			X
501	hexobarbital	00056-29-1									X									24			
502	indane	00496-11-7	X	X	X	X	X	X	X	X				0.0000	52.3171	mg/mi			mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,95,131,166,180,188,	1		X
503	indene	00095-13-6		X																24			
504	indeno(1,2,3-cd)pyrene	00193-39-5	X		X	X					X		X	0.0001	15.9100	mg/mi	2E-06	0.022159999	mg/hp-hr	9,15,25,35,53,87,92,95,98,99,100,102,166,173,175,180,	1	X	X
505	indium	07440-74-6	X		X									0.0000	1.5080	mg/mi				2,9,166	1		X
506	iron	07439-89-6	X		X									0.0065	12.5400	mg/mi				2,9,24,42,53,62,87,166,177,193	1		X
507	isobutane	00075-28-5	X	X	X	X	X	X	X	X	X			0.0000	1506.5652	mg/mi	0.02	7.869999886	mg/hp-hr	1,5,8,9,20,21,22,24,31,34,38,40,45,46,47,48,53,95,101,	1	X	X
508	isomers of C9H16			X																24			
509	isomers of butene			X		X														24			
510	isomers of butylbenzene			X																24			
511	isomers of decane			X		X														24			
512	isomers of dodecane			X							X									24			
513	isomers of heptane			X		X														24			
514	isomers of hexane			X		X					X									24			
515	isomers of nonane			X		X					X									24			
516	isomers of octane			X		X					X									24			
517	isomers of pentadecane										X									24			
518	isomers of pentane			X		X														24			
519	isomers of pentene										X									24			
520	isomers of propylbenzene			X																24			
521	isomers of tetradecane			X							X									24			
522	isomers of undecane		X	X																24			
523	lanthanum	07439-91-0			X									0.0101	10.7670	mg/mi				9,166	1		X
524	lead	07439-92-1	X		X						X	X		0.0001	1.5960	mg/mi	0.140000001	1.309999943	mg/hp-hr	2,4,9,10,13,16,24,87,115,166,177,191,193	1	X	X
525	m- & p-xylene	1330-20-7	X	X	X	X	X	X	X	X	X			0.0000	1068.7584	mg/mi	0.07	417.4299927	mg/hp-hr	1,9,20,21,22,24,29,31,34,35,36,43,45,48,53,62,95,101,1	1	X	X
526	m-ethylphenol	00620-17-7	X											0.0100	46.0000	mg/mi				42			X
527	m-xylene	00108-38-3	X	X	X	X								0.0007	821.0334	mg/mi				5,8,24,38,40,46,131,188	1		X
528	magnesium	07439-95-4	X		X									0.0000	6.2387	mg/mi				2,9,24,42,87,166,177,193	1		X
529	manganese	07439-96-5	X		X						X	X		0.0001	1.4930	mg/mi				2,4,9,10,12,13,16,17,24,42,166,193	1		X
530	mercury	07439-97-6	X		X						X	X		0.0006	0.0626	mg/mi				4,9,10,12,13,16,17,24,166	1		X
531	methane	00074-82-8	X	X	X	X	X	X	X	X	X			0.0000	10540.2002	mg/mi	0.119999997	3524.291016	mg/hp-hr	1,3,5,8,9,20,21,22,23,24,28,29,30,31,34,35,36,38,40,45,	1	X	X
532	methyl alcohol	00067-56-1	X	X	X	X	X	X	X	X				0.0000	851.9251	mg/mi				1,8,22,23,24,29,31,37,39,41,45,46,48,92,131,188	1		X
533	methyl bromide	00074-83-9	X		X						X			0.0000	0.1500	mg/mi				17,42,190	1	X	X
534	methylbenzaldehyde	01334-78-7	X		X						X						0.100000001	169.1999969	mg/hp-hr	8,9,24,180,191	1	X	X
535	methylbenzaldehyde & C10H14	01334-78-7;X									X									35			
536	methylbutadiene		X	X																24			
537	methylbutene			X																24			
538	methylcyclohexane	00108-87-2	X	X	X	X	X	X	X	X	X			0.0000	479.1982	mg/mi	0.02	14.10999966	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,45,46,48,53,62,95,101,102	1	X	X
539	methylcyclohexene			X																24			
540	methylcyclooctane	01502-38-1	X																	24			
541	methylcyclopentadiene			X																24			
542	methylcyclopentane	00096-37-7	X	X	X	X	X	X	X	X	X			0.0000	823.1962	mg/mi	0.07	1.309999943	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,13	1	X	X
544	methyldecane			X																24			
545	methyldihydronaphthalene			X																24			
546	methylheptane	50985-84-7		X																24			
547	methylheptyne			X																24			
548	methylhexadiene			X																24			
549	methylhexanal			X																24			
550	methylhexane	25495-88-9		X																24			
551	methylhexene		X	X																24			
552	methylindane	27133-93-3	X	X																22,24			
553	methylindene	29036-25-7	X																	20,21,24			
554	methylnaphthalene	01321-94-4		X	X	X					X			0.0021	10.1000	mg/mi	0.400000006	4	mg/hp-hr	24,95,102,180	1		X
555	methylnonane	63335-87-5		X																24			
556	methyloctane	61193-19-9		X																24			

557	methylpentane	43133-95-5		X																24				
558	methylpentene	37275-41-5	X	X																24				
559	methylphenanthrene & methylanthra	28652-81-5; 26914-18-1			X												0.02517	0.331319988	mg/hp-hr	9,183	1		X
560	molybdenum	07439-98-7	X		X										0.0010	0.6375	mg/mi			9,24,42,115,166,193	1		X
561	n-butylbenzene & p-diethylbenzene	104-51-8;105-05-5	X																	5				
562	n-nitrosodibutylamine	00924-16-3			X															9,166	1		X
563	n-nitrosodiethylamine	00055-18-5			X															9				
564	n-nitrosodimethylamine	00062-75-9			X												0.00581	0.008	mg/hp-hr	9,23,183	1		X
565	n-nitrosodipropylamine	00621-64-7			X						X						0.0072	0.00828	mg/hp-hr	9,183,190	1	X	X
566	n-nitrosomorpholine	00059-89-2			X															9				
567	n-nitrosopiperidine	00100-75-4			X															9				
568	n-nitrosopyrrolidine	00930-55-2			X															9,166	1		X
569	naphthalene	00091-20-3	X	X	X	X	X	X	X	X	X				0.0000	299.1262	mg/mi	0.001	86.90000153	mg/hp-hr	1,8,9,15,20,21,22,23,24,25,29,31,35,36,45,46,53,62,87,9	1	X	X
570	nickel	07440-02-0	X		X						X	X			0.0002	0.2355	mg/mi			2,4,9,10,12,13,16,17,24,166,193	1		X
571	nitrates	14797-55-8	X		X										0.3246	5.7260	mg/mi			9,24,53,115,166	1		X
574	nitrous oxide	10024-97-2	X												10.0000	239.0000	mg/mi			43			X
575	nonacosane	00630-03-5	X		X										0.0017	0.0590	mg/mi			24,53,62	1		X
576	nonane	00111-84-2	X	X	X	X	X	X	X	X	X				0.0000	70.7734	mg/mi	0.090000004	14.64999962	mg/hp-hr	1,5,8,9,20,21,22,24,31,35,36,45,46,48,53,62,95,102,131	1	X	X
579	o-,m-,p-xylene	01330-20-7	X	X	X	X					X				0.8000	63.0000	mg/mi	0.400000006	0.699999988	mg/hp-hr	4,10,11,12,13,18,24,42,102	1		X
580	o-xylene	00095-47-6	X	X	X	X	X	X	X	X	X				0.0000	429.7202	mg/mi	0.01	197.0800018	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,36,38,40,43,45,46,48,53,6	1	X	X
582	octachlorodibenzodioxin	03268-87-9			X	X									0.0000	0.0000	mg/mi			9,92	1		X
583	octachlorodibenzofuran	39001-02-0			X															9				
584	octacosane	00630-02-4	X		X										0.0019	33.8029	mg/mi			24,53,62,166	1		X
585	octamethylcyclotetrasiloxane	00556-67-2									X									24				
586	octane	00111-65-9	X	X	X	X	X	X	X	X	X				0.0000	138.2492	mg/mi	0.209999993	17.62999916	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,36,45,46,48,53,62,95,102,	1	X	X
587	octatriene	30702-87-5		X																24				
588	octyne	32073-03-3	X																	20,21				
594	p-methylphenylacetylene	00766-97-2	X		X															8				
595	p-xylene	00106-42-3	X	X	X										0.0003	410.5291	mg/mi			5,8,24,38,40,131,188	1		X
596	palladium	07440-05-3			X										0.0044	0.6774	mg/mi			9,166	1		X
598	pentachlorodibenzo-p-dioxin	36088-22-9			X															9				
599	pentachlorodibenzofuran	30402-15-4			X															9				
600	pentacosane	00629-99-2	X		X										0.0017	14.9495	mg/mi			24,53,62,166	1		X
601	pentadecane	00629-62-9	X		X						X				0.0039	71.4519	mg/mi	0.200000003	4.800000191	mg/hp-hr	24,36,53,62,102,166,180,193	1		X
602	pentadiene	41050-31-1	X	X																24				
603	pentanal	00110-62-3	X		X	X	X	X		X	X				0.0000	40.0424	mg/mi	0.039999999	6.369999886	mg/hp-hr	1,8,9,20,21,45,46,53,102,166,184,188,190,193	1	X	X
604	pentane	00109-66-0	X	X	X	X	X	X	X	X	X				0.0000	1647.3680	mg/mi	0.029999999	49.75999832	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,34,35,38,40,45,46,47,48,53,6	1	X	X
605	pentanone	00930-24-5	X		X															8				
606	pentene	25377-72-4		X							X									24,36				
607	pentenes		X	X											12.9600	91.8000	mg/mi			34			X	
608	pentenyne	91144-32-0		X																24				
609	pentylbenzene	00538-68-1	X		X	X	X			X	X				0.0000	12.3815	mg/mi	0.310000002	3.99000001	mg/hp-hr	9,24,45,46,48,102,166,180,184,188,193	1	X	X
610	perylene	00198-55-0	X		X	X					X		X		0.0000	1.8500	mg/mi	1.24436E-05	0.00432	mg/hp-hr	9,23,24,36,53,92,95,166,173,175,183,187,193	1	X	X
611	phenanthrene	00085-01-8	X		X	X					X		X		0.0002	19.1400	mg/mi	3.15752E-05	76.43000031	mg/hp-hr	9,15,24,25,35,36,53,62,87,92,95,98,99,100,166,173,175	1	X	X
612	phenol	00108-95-2			X	X					X				0.1500	42.5155	mg/mi			mg/hp-hr	24,36,92,166,180,190	1	X	X
613	phosphorus	07723-14-0	X		X	X									0.0000	3.4188	mg/mi				2,9,24,42,53,87,92,166,177	1		X
614	platinum	07440-06-4	X																		42,115	1		X
617	potassium	07440-09-7	X		X										0.0003	0.8486	mg/mi				2,9,24,42,87,166,193	1		X
618	propanal	00123-38-6	X		X	X	X	X		X	X				0.0000	104.6758	mg/mi	0.100000001	209	mg/hp-hr	1,4,5,7,8,9,10,11,12,13,20,21,24,31,35,36,42,45,46,48,5	1	X	X
619	propane	00074-98-6	X	X	X	X	X	X	X	X	X				0.0000	3365.8000	mg/mi	0.02	323.5700073	mg/hp-hr	1,5,8,9,20,21,22,24,31,35,36,45,46,47,48,53,95,101,102	1	X	X
620	propene	00115-07-1	X	X	X	X	X	X	X	X	X				0.0000	2483.4958	mg/mi	1.169999957	475.3599854	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,35,36,38,40,45,46,47,48,53,6	1	X	X
621	propylbenzene	00103-65-1	X	X	X	X	X	X	X	X	X				0.0000	129.6999	mg/mi	0.01	2524	mg/hp-hr	1,5,8,9,20,21,22,24,29,31,45,46,48,53,62,95,101,102,13	1	X	X
622	propylcyclohexane	01678-92-8	X	X			X													22,31				
624	propyne	00074-99-7	X	X	X	X	X	X	X	X					0.0000	88.8170	mg/mi	0.02	0.200000003	mg/hp-hr	1,8,9,20,21,22,24,29,31,45,46,95,102,131,138,166,188,	1		X
625	pyrene	00129-00-0	X		X	X					X		X		0.0000	51.3600	mg/mi	0.000806115	1.899999976	mg/hp-hr	9,15,23,24,25,35,36,53,62,87,92,95,98,99,100,166,173,	1	X	X
626	rubidium	07440-17-7	X		X										0.0079	0.0115	mg/mi			9,24,166	1		X
627	salicylylaldehyde	00090-02-8	X												0.3000	5.2000	mg/mi			42			X
628	sec-amylbenzene	29316-05-0	X				X													31				
629	selenium	07782-49-2	X		X							X			0.0001	0.1510	mg/mi			9,10,16,24,166	1		X
630	silicon	07440-21-3	X		X										0.0100	13.5030	mg/mi			2,9,24,42,53,62,87,166,177	1		X
631	silver	07440-22-4	X		X										0.0026	0.2257	mg/mi			9,24,166	1		X
632	sodium	07440-23-5	X		X										0.0060	45.7599	mg/mi			9,24,115,166,193	1		X
633	strontium	07440-24-6	X		X										0.0002	0.0263	mg/mi			9,24,166	1		X
634	styrene	00100-42-5	X	X	X	X	X	X	X	X	X	X			0.0000	150.8451	mg/mi	1.269999981	62.11000061	mg/hp-hr	1,4,8,9,10,11,12,13,16,17,18,20,21,22,24,31,35,36,42,4	1	X	X
635	sulfates	14808-79-8	X		X	X									0.0200	20.9648	mg/mi	0.100000001	204.5	mg/hp-hr	9,24,53,92,166,177,187,191	1	X	X
636	sulfur	07704-34-9	X		X										0.0040	14.6550	mg/mi				2,9,24,42,53,62,87,166,177,193	1		X
637	tetrachlorodibenzo-p-dioxin	41903-57-5			X															9				
638	tetrachlorodibenzofuran	30402-14-3			X															9				

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	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								0.899999976	0.540000021	mg/hp-hr	22,31,131,184	1	X	X
657	trans-1,2-dimethylcyclopentane	00822-50-4	X	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					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								1.159999967	3.710000038	mg/hp-hr	31,184	1	X	
664	trichloromethane	00067-66-3	X		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						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	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	X						90.0000	59090.0000	mg/mi	26	1573.452637	mg/hp-hr	,87,92,98,99,100,155,166,180,183,187	1	X	X
704	(E)-4-octene	14850-23-8	X	X	X		X					0.0268	43.0757	mg/mi	0.059999999	0.059999999	mg/hp-hr	48,102,131,184,188	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),21ß(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									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),14ß(h),17ß(h)-cholestane		X		X							0.0009	0.1018	mg/mi				53,166	1		X
717	22,29,30-trisnorneohopane		X									0.0000	0.0777	mg/mi				53	1		X
718	22r&s,17a(h),21b(H)-30-bishomohopane		X									0.1218	0.1218	mg/mi				53	1		X
719	22r&s,17a(H),21b(H)-30-homohopane		X									0.1609	0.1609	mg/mi				53	1		X
720	furfural	98-01-1	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									0.0000	0.0009	mg/mi				53	1		X
730	2,3-benzofuran	271-89-6	X		X							0.0181	0.1243	mg/mi				53,62	1		X
731	benzoic acid	65-85-0	X		X						X	0.0592	34.7895	mg/mi	0.100000001	1.600000024	mg/hp-hr	53,62,102,166,180,190,193	1	X	X
732	isobutyraldehyde & butyraldehyde	78-84-2 & 123-72-8	X		X							0.0800	19.2625	mg/mi				53,155,193	1		X
733	c2-fluorene		X									0.0065	0.3045	mg/mi				53	1		X

734	c2-naphthalene		X		X						0.1137	17.7091	mg/mi				53,62	1		X
735	c3-naphthalene		X		X						0.0388	3.6412	mg/mi				53,62	1		X
736	c4-naphthalene		X		X						0.0157	0.5903	mg/mi				53,62	1		X
737	methylfluorene	26914-17-0	X		X	X					0.0002	2.0187	mg/mi				53,62,87,95,166,177	1		X
738	decanal	112-31-2	X		X						0.0311	1.7398	mg/mi				53,62	1		X
739	decanoic acid	334-48-5	X		X						0.0058	2.7234	mg/mi				53,62,166	1		X
740	decylcyclohexane	1795-16-0	X		X						0.0007	31.5894	mg/mi				53,62,166	1		X
741	dibenzofuran	132-64-9	X		X				X		0.0014	1.8331	mg/mi				53,62,166,190	1	X	X
742	dibenzothiazole		X		X						0.0002	0.1560	mg/mi				53,62	1		X
743	dodecanal	112-54-9	X		X						0.5406	0.7456	mg/mi				53,62	1		X
744	dodecylcyclohexane	1795-17-1	X		X						0.0009	2.1310	mg/mi				53,62,166	1		X
745	icosanoic acid	506-30-9	X		X						0.0001	0.2759	mg/mi				53,62,166	1		X
746	icosylcyclohexane		X		X						0.0007	0.1450	mg/mi				53,166	1		X
747	farnesane	3891-98-3	X		X						0.0061	10.1938	mg/mi				53,62,166	1		X
748	9-Fluorenone	486-25-9	X		X						0.0094	0.5458	mg/mi	0.012	0.100000001	mg/hp-hr	53,62,166,180	1		X
749	henicosylcyclohexane		X		X						0.0004	0.1430	mg/mi				53,166	1		X
750	heptadecanoic acid	506-12-7	X		X						0.0002	0.0563	mg/mi				53,62	1		X
751	heptadecylcyclohexane	19781-73-8	X		X						0.0104	56.5800	mg/mi				53,62,166,193	1		X
752	heptanal	111-71-7	X		X						0.0746	4.5360	mg/mi				53,62	1		X
753	hexadecylcyclohexane	6812-38-0	X		X						0.0009	40.6200	mg/mi				53,62,166,193	1		X
754	indanone	83-33-0	X		X						0.0190	0.5642	mg/mi				53,62	1		X
755	indeno(1,2,3-cd)fluoranthene	00193-43-1	X		X						0.0000	0.0177	mg/mi	0.0002	0.0003	mg/hp-hr	53,183	1		X
756	m/p-tolualdehyde	620-23-5 & 104-87-0	X		X		X				1.4600	90.0988	mg/mi	0.059999999	13.03999996	mg/hp-hr	53,102,184,193	1	X	X
757	methylbenzoic acid	12167-74-7	X		X						0.0005	0.4797	mg/mi				53,62	1		X
758	docosane	629-97-0	X		X						0.0003	48.5000	mg/mi				53,62,166,193	1		X
759	icosane	112-95-8	X		X						0.0005	49.1200	mg/mi				53,62,166,193	1		X
760	henicosane	629-94-7	X		X						0.0001	57.8300	mg/mi				53,62,166,193	1		X
761	nonadecane	629-92-5	X		X						0.0012	93.2790	mg/mi				53,62,102,166,180,193	1		X
762	octadecane	593-45-3	X		X						0.0012	110.9582	mg/mi	0.200000003	0.5	mg/hp-hr	53,62,102,166,180,193	1		X
763	nonadecanedioic acid	6250-70-0	X								0.0134	0.1100	mg/mi				53	1		X
764	nonadecanoic acid	646-30-0	X		X						0.0001	0.1662	mg/mi				53,62,166	1		X
765	nonadecylcyclohexane	22349-03-7	X		X						0.0011	39.3800	mg/mi				53,62,166,193	1		X
766	nonanal	124-19-6	X		X						0.0186	2.7340	mg/mi				53,62	1		X
767	nonanoic acid	112-05-0	X		X						0.0173	0.1491	mg/mi				53,62	1		X
768	nonylcyclohexane	2883-02-5	X		X						0.0018	23.7883	mg/mi				53,62,166	1		X
769	norfarnesane	6864-53-5	X		X						0.0407	38.3292	mg/mi				53,62,166	1		X
770	norpristane	3892-00-0	X		X						0.0029	0.3517	mg/mi				53,62	1		X
771	octadecanedioic acid	871-70-5	X								0.0025	0.0263	mg/mi				53	1		X
772	octadecanoic acid	57-11-4	X		X						0.0027	0.2249	mg/mi	0.100000001	0.100000001	mg/hp-hr	53,62,102	1		X
773	octadecylcyclohexane	4445-06-1	X		X						0.0007	47.8800	mg/mi				53,62,166,193	1		X
774	octanal	124-13-0	X		X						0.0560	11.6709	mg/mi				53,62,166	1		X
775	octanoic acid (caprylic acid)	124-07-2	X		X						0.0076	0.0777	mg/mi				53,62,102	1		X
776	o-tolualdehyde	529-20-4	X		X		X		X		1.1900	27.9617	mg/mi	0.050000001	2.470000029	mg/hp-hr	53,102,184,190,193	1	X	X
777	pentadecylcyclohexane	6006-95-7	X		X						0.0008	31.9200	mg/mi				53,62,193	1		X
778	phytane	638-36-8	X		X						0.0020	37.5004	mg/mi				53,62,166,193	1		X
779	pristane	1921-70-6	X		X						0.0048	2.2200	mg/mi				53,62,193	1		X
780	methyl tert-amyl ether	994-05-8	X	X							0.3418	0.3418	mg/mi				53,131	1		X
781	tetradecylcyclohexane	1795-18-2	X		X						0.0002	13.2700	mg/mi				53,62,166,193	1		X
782	tridecanal	10486-19-8	X		X						1.2427	3.6040	mg/mi				53,62	1		X
783	tridecylcyclohexane	6006-33-3	X		X						0.0005	1.7892	mg/mi				53,62,166	1		X
784	undecanal	112-44-7	X		X						0.0249	1.6156	mg/mi				53,62	1		X
785	undecanoic acid	112-37-8	X		X						0.0470	0.1280	mg/mi				53,62	1		X
786	undecylcyclohexane	54105-66-7	X		X						0.0005	58.0946	mg/mi				53,62,166	1		X
787	xanthone	90-47-1	X		X						0.0006	0.5417	mg/mi				53,62,166	1		X
788	ammonium	14798-03-9	X		X						0.0140	13.2635	mg/mi				53,166,193	1		X
789	18a(h)-22,29,30-trisnorneohopane		X		X						0.0017	0.0017	mg/mi				62	1		X
790	acetophenone	98-86-2	X		X						0.3100	3.1690	mg/mi				62,180,193	1		X
791	lauric acid	143-07-7	X		X						0.0005	3.2662	mg/mi				62,166	1		X
792	heptylcyclohexane	5617-41-4	X		X						0.0079	5.9817	mg/mi				62,166	1		X
793	hexylcyclohexane	4292-75-5	X		X						0.0093	0.0093	mg/mi				62	1		X
794	azelaic acid	123-99-9	X		X						0.0001	0.3559	mg/mi				62,166	1		X
795	octanedioic acid	505-48-6	X		X						0.0857	0.0857	mg/mi				62	1		X
796	octylcyclohexane	1795-15-9	X		X						0.0017	4.0816	mg/mi				62,166	1		X
797	pentylcyclohexane	38792-89-1			X						0.0521	0.0521	mg/mi				62	1		X
798	Myristic Acid	544-63-8			X						0.0033	2.6261	mg/mi				62,166	1		X
799	tridecanoic acid	638-53-9			X						0.0002	0.0968	mg/mi				62,166	1		X
800	1,1'-biphenyl, 3-methyl-	643-93-6	X		X						0.0220	31.8641	mg/mi	0.699999988	0.699999988	mg/hp-hr	87,102,166	1		X
801	1,1'-biphenyl, 4-methyl	644-08-6	X		X						0.0110	18.3023	mg/mi				87,166	1		X

802	1,2,8-trimethylnaphthalene	3876-97-9	X		X							0.0016	0.5416	mg/mi				87	1		X
803	1,3+1,6+1,7dimethylnaphthalene	75-41-7; 575-43-9; 575-37-	X		X							0.0002	16.0176	mg/mi				87,166,177	1		X
804	1,4+1,5+2,3-dimethylnaphthalene	71-58-4; 571-61-9; 581-40-	X		X							0.0002	4.0322	mg/mi				87,166,177	1		X
805	1,7-dimethylphenanthrene	483-87-4	X		X							0.0019	0.2231	mg/mi				87,166,177	1		X
806	1,8-dimethylnaphthalene	569-41-5	X		X							0.0016	0.0163	mg/mi				87	1		X
807	1-ethyl-2-methylnaphthalene	17057-93-1	X		X							0.0023	0.5726	mg/mi				87,166,177	1		X
808	1-methyl-7-isopropylphenanthrene	483-65-8	X		X	X						0.0001	1.3700	mg/mi				87,95,166,193	1		X
809	1-methylfluorene	1730-37-6	X		X							0.0005	0.8343	mg/mi				87,166,177	1		X
810	2-methylbiphenyl	643-58-3	X		X							0.0050	0.3410	mg/mi				87	1		X
811	3,6-dimethylphenanthrene	1576-67-6	X		X				X			0.0010	0.2347	mg/mi				87,166,175,177	1	X	X
812	7-methylbenz[a]anthracene	2541-69-7	X		X	X						0.0000	0.2800	mg/mi				87,95,166,193	1		X
813	7-methylbenzo(a)pyrene	63041-77-07	X		X	X						0.0001	0.4055	mg/mi				87,95,166	1		X
814	9-methylanthracene	779-02-2	X		X	X						0.0001	0.0771	mg/mi				87,95,166	1		X
815	benzo(b+j+k)fluoranthene	05-99-2; 205-82-3; 207-08-	X		X	X						0.0001	0.2923	mg/mi	0.02317	0.03105	mg/hp-hr	87,95,166,177,183	1		X
816	benzonaphthothiophene	61523-34-0	X		X							0.0001	0.0804	mg/mi				87,166	1		X
817	bishomohopane-1		X		X							0.0019	0.0284	mg/mi				87	1		X
818	bishomohopane-2		X		X							0.0016	0.0229	mg/mi				87	1		X
819	cholestane-1		X		X							0.0015	0.1009	mg/mi				87	1		X
820	cholestane-2		X		X							0.0014	0.0355	mg/mi				87	1		X
821	cholestane-3		X		X							0.0011	0.0915	mg/mi				87	1		X
822	diasterane-1		X		X							0.0012	0.3135	mg/mi				87	1		X
823	diasterane-2		X		X							0.0014	0.0471	mg/mi				87	1		X
824	dimethylphenanthrene	29062-98-4	X		X	X						0.0003	0.5358	mg/mi				87,95,166,177	1		X
825	ergostane	25318-39-2	X		X							0.0011	0.1168	mg/mi				87	1		X
826	homohopane-1		X		X							0.0013	0.0500	mg/mi				87	1		X
827	homohopane-2		X		X							0.0023	0.0387	mg/mi				87	1		X
828	hopane-1		X		X							0.0043	0.1074	mg/mi				87	1		X
829	hopane-2		X		X							0.0020	0.0277	mg/mi				87	1		X
830	hopane-3		X		X							0.0028	0.0028	mg/mi				87	1		X
831	methyl ethyl naphthalene	29253-36-9	X		X							0.0020	0.9274	mg/mi	0.600000024	1.200000048	mg/hp-hr	87,102,166	1		X
832	methylbiphenyl	28652-72-4	X		X							0.0020	1.0980	mg/mi				87	1		X
833	methylphenanthrene	28652-81-5	X		X	X						0.0001	0.8150	mg/mi	0.025	0.331	mg/hp-hr	87,95,166,177,183	1		X
834	methylpyrene	2381-21-7	X		X							0.0008	0.1172	mg/mi				87,177	1		X
835	norhopane-1		X		X							0.0038	0.1561	mg/mi				87	1		X
836	norhopane-2		X		X							0.0053	0.0162	mg/mi				87	1		X
837	sitostane		X		X							0.0020	0.0874	mg/mi				87	1		X
838	trimethylnaphthalene	28652-77-9	X		X	X						0.0003	4.6369	mg/mi	0.100000001	2.5	mg/hp-hr	87,95,102,166,177	1		X
839	trisnorhopane-1		X		X							0.0014	0.0427	mg/mi				87	1		X
840	trisnorhopane-2		X		X							0.0010	0.0309	mg/mi				87	1		X
841	bis[2-ethylhexyl]phthalate	117-81-7			X	X		X				0.0010	0.0017	mg/mi				92,190	1	X	X
842	cyanide compounds				X	X						0.1100	0.3300	mg/mi				92	1		X
843	di-n-butylphthalate	84-74-2			X	X		X				0.0047	0.0069	mg/mi				92,190	1	X	X
844	dioxins and furans				X	X			X			0.0000	0.0000	mg/mi				92,175,183	1	X	X
845	1-ethylnaphthalene+2-ethylnaphthal	1127-76-0 & 939-27-5			X	X						0.0009	5.4082	mg/mi				95,166	1		X
846	methylpyrene/methylfluoranthene	2381-21-7; 30997-39-8			X	X						0.0019	0.1190	mg/mi				95	1		X
847	3-nitrofluorene	5397-37-5			X	X						0.0000	0.0084	mg/mi				95	1		X
848	5+6-methylchrysene	3697-24-3 & 1705-85-7			X	X						0.0004	0.0057	mg/mi				95,166	1		X
849	3-nitro-1,1'-Biphenyl	2113-58-8			X	X						0.0000	0.0039	mg/mi				95,166	1		X
850	1,5-dinitronaphthalene	605-71-0			X	X						0.0001	0.0037	mg/mi				95	1		X
851	4-nitrophenanthrene	82064-15-1			X	X						0.0000	0.0030	mg/mi				95,166	1		X
852	1,3-dinitronaphthalene	606-37-1			X	X						0.0000	0.0023	mg/mi				95	1		X
853	1,8-dinitronaphthalene	602-38-0			X	X						0.0000	0.0022	mg/mi				95	1		X
854	9-nitrophenanthrene	954-46-1			X	X						0.0001	0.0017	mg/mi				95,166	1		X
855	3-nitrophenanthrene	17024-19-0			X	X						0.0000	0.0012	mg/mi				95,166	1		X
856	tert-butylbenzene + 1,2,4-trimethylb	98-06-6 & 95-63-3	X	X	X	X						0.0701	7.3199	mg/mi				95,131,166	1		X
857	1-butene + isobutene	106-98-9 & 115-11-7	X		X	X						1.0933	132.5400	mg/mi				95,166,193	1		X
858	1-methylindane	767-58-8			X	X						0.0803	42.2308	mg/mi				95,166	1		X
859	alpha-pinene	80-56-8			X	X						0.0211	2.9776	mg/mi				95,166	1		X
860	beta-pinene	127-91-3			X	X						0.0182	0.5704	mg/mi				95,166	1		X
861	isopropyltoluene	25155-15-1			X	X						0.0897	26.6677	mg/mi				95,166	1		X
862	limonene	138-86-3			X	X						0.0265	18.3837	mg/mi				95,166,180	1		X
863	propyltoluene	28729-54-6			X	X						0.1242	18.8645	mg/mi				95,166	1		X
864	(E)-1,3-hexadiene	20237-34-7			X	X						0.0027	3.2779	mg/mi				95,166	1		X
865	1,1,1,2-Tetrafluoroethane	811-97-2		X														101	1		X
866	trichloroethene	79-01-6			X			X							1.100000024	1.100000024	mg/hp-hr	102,190	1	X	X
867	methylisopropylbenzene	25155-15-1			X										0.699999988	0.699999988	mg/hp-hr	102	1		X
868	c4-benzene or c2-benzene				X										0.5	0.600000024	mg/hp-hr	102	1		X
869	hexadecadienoic acid methyl ester				X										0.400000006	1	mg/hp-hr	102	1		X

870	heptenoic acid, methyl ester				X							0.400000006	0.600000024	mg/hp-hr	102		1		X
871	ethyl dimethyl benzene				X							0.400000006	0.5	mg/hp-hr	102		1		X
872	trimethyl pentadecane				X							0.400000006	0.400000006	mg/hp-hr	102		1		X
873	benzene, 1,1'(1-methyl-1,2-ethanediyl)bis-				X							0.300000012	0.800000012	mg/hp-hr	102		1		X
874	methyl propyl benzene	1074-17-5			X							0.300000012	0.600000024	mg/hp-hr	102		1		X
875	tetrahydro dimethyl naphthalene				X							0.200000003	4.099999905	mg/hp-hr	102,180		1		X
876	trimethyl dodecane				X							0.200000003	1.700000048	mg/hp-hr	102		1		X
877	1,1'-ethylidenebis-benzene	612-00-0			X							0.200000003	1.200000048	mg/hp-hr	102		1		X
878	octadecenoic acid methyl ester				X							0.100000001	0.800000012	mg/hp-hr	102,180		1		X
879	tetramethyl hexadecane				X							0.100000001	0.800000012	mg/hp-hr	102		1		X
880	hexadecanoic acid	57-10-3			X				0.0353	3.3577	mg/mi	0.100000001	0.100000001	mg/hp-hr	102,166		1		X
881	tetramethyl butane	594-82-1			X							0.100000001	0.100000001	mg/hp-hr	102		1		X
882	dimethylbenzaldehyde		X		X		X		0.0090	0.0090	mg/mi	0.01	2.160000086	mg/hp-hr	102,184,189		1	X	X
883	3-ethyl-cis-2-pentene	816-79-5			X							0.029999999	0.660000026	mg/hp-hr	102,180		1		X
884	ethyl hexanol	104-76-7			X							0.400000006	0.400000006	mg/hp-hr	102		1		X
885	methyl tridecane				X							0.400000006	0.899999976	mg/hp-hr	102		1		X
886	nonene	27215-95-8			X							0.300000012	0.400000006	mg/hp-hr	102		1		X
887	dimethyl undecane	79004-83-4			X							0.100000001	0.600000024	mg/hp-hr	102,180		1		X
888	phenyl ethanone				X							0.100000001	0.600000024	mg/hp-hr	102		1		X
889	dimethyl dodecane				X										102		1		X
890	hexyl cyclohexane	4292-75-5			X										102		1		X
891	cerium	7440-45-1	X												115		1		X
892	fluoride	16984-48-8	X												115		1		X
893	phosphates	14265-44-2	X						0.0090	0.5650	mg/mi				115,193		1		X
894	sulfates or phosphates		X												115		1		X
895	anthracene/phenanthrene	120-12-7; 85-01-8	X												115		1		X
896	pyrene/fluoranthene	129-00-0; 206-44-0	X												115		1		X
897	1,4-pentadiene	591-93-5	X	X					0.0300	1.9600	mg/mi				131,193		1		X
898	1,2-dimethylcyclohexane	583-57-3	X	X					0.0100	0.9000	mg/mi				131,193		1		X
899	2,2-dimethylheptane	1071-26-7	X	X											131		1		X
900	2,3-dimethyl-1-hexene	16746-86-4	X	X											131		1		X
901	2-ethyl-1-butene	760-21-4	X	X											131		1		X
902	2-methyl-1-phenyl-1-propene	768-49-0	X	X											131		1		X
903	2-methylundecane	31807-55-3	X	X											131		1		X
904	3,3,4,4-tetramethylhexane	5171-84-6	X	X											131		1		X
905	3-ethylheptane	15869-80-4	X	X											131		1		X
906	(Z)-1,3-pentadiene	1574-41-0	X	X											131		1		X
907	(Z)-2,5-dimethyl-3-hexene	10557-44-5	X	X											131		1		X
908	(Z)-2-methyl-3-hexene	15840-60-5	X	X											131		1		X
909	cis-decalin	493-01-6	X	X											131		1		X
910	1,cis-2,trans-3-trimethylcyclopentane		X	X											131		1		X
911	tetralin	119-64-2	X	X	X				0.0543	16.1728	mg/mi				131,166		1		X
912	(E)-2,3-dimethyl-3-hexene		X	X											131		1		X
913	(E)-decalin	493-02-7	X	X											131		1		X
914	tert-butyl alcohol	75-65-0	X	X											131		1		X
915	3,3-dimethyl-1-pentene	3404-73-7	X	X											131		1		X
916	trans-3,4-dimethyl-2-pentene + 1-he	4914-92-5; 592-76-7	X	X											131		1		X
917	4-methyloctane + 2-octyne	2216-34-4; 2809-67-8	X	X											131		1		X
918	1,4 + 1,2-dimethylcyclopentane	X; 2452-99-5	X	X											131		1		X
919	toluene + 2,3,3-trimethylpentane	108-88-3; 560-21-4	X	X					1.3700	98.7700	mg/mi				131,193		1		X
920	1-methyl-3-isopropylbenzene + 1-m	535-77-3; 99-87-6	X	X											131		1		X
921	2,2,4-trimethylhexane + 1,1-ethyl m	16747-26-5; X	X	X											131		1		X
922	2,2,5-trimethylhexane+t-1,3-ethylme	3522-94-9; X	X	X											131		1		X
923	2,2-dimethylhexane + 2,4,4-trimethy	590-73-8; 107-40-4	X	X											131		1		X
924	2,3,5-trimethylhexane + cis-1,2-dim	1069-53-0; 2207-01-4	X	X											131		1		X
925	2,4-dimethylpentane + 2,3-dimethyl-	108-08-7; 563-79-1	X	X											131		1		X
926	2,5-dimethylhexane + 2,2,3-trimethy	592-13-2; 564-02-3	X	X											131		1		X
927	2-methyl-3-ethylpentane + 2,5-dime	609-26-7; 3404-78-2	X	X											131		1		X
928	2-methylhexane + cyclohexene + 2,3	91-76-4; 110-83-8; 565-59-	X	X											131		1		X
929	3,3-dimethylpentane +cyclohexane	562-49-2; 110-82-7	X	X											131		1		X
930	3-ethylhexene + t-1,4-dimethylcyclo	X; 2207-04-7	X	X											131		1		X
931	3-ethylpentane + t-1,2-dimethylcycl	617-78-7; X	X	X											131		1		X
932	3-methylpentane + cis-1,3-dimethyl	96-14-0; 638-04-0	X	X											131		1		X
933	4-methylheptane + 3-methyl-3-ethyl	9-53-7; 1067-08-9; 4316-65	X	X											131		1		X
934	cis-1,2-dimethylcyclopentane + metl	1192-18-3; 108-87-2	X	X											131		1		X
935	cis-1,3-ethylmethylcyclopentane + 2	2613-66-3; X	X	X											131		1		X
936	cylcoheptane + 3-ethylhexene-1 + t-	886-65-7; X; X	X	X											131		1		X
937	ethylcyclohexane + n-propylcyclop	1678-91-7; 2040-96-2	X	X											131		1		X

938	n-octane + cis-1,4-dimethylcyclohex	11-65-9; 624-29-3; 2207-03	X	X							131		1			X
939	trans-hexene-2 + cis-3-hexene + cis-	642-09-3; 7688-21-3; 625-2	X	X							131		1			X
940	methylcyclopentane + trans-3-methy	96-37-7; 616-12-6	X	X							131		1			X
941	isobutylbenzene + n-decane	538-93-2; 124-18-5	X	X							131		1			X
942	1,3-pentadiene	504-60-9	X								138		1			X
943	(E)-2-heptenal	18829-55-5			X			0.0352	2.0668	mg/mi	166		1			X
944	1,3-dichlorobenzene	541-73-1			X			0.0011	10.6433	mg/mi	166		1			X
945	1,4,5-trimethylnaphthalene	2131-41-1			X			0.0001	0.4532	mg/mi	166		1			X
946	17a(h),18a(h),21ß(h)-25,28,30-trisnorhopane				X			0.0002	0.0192	mg/mi	166		1			X
947	17a(h),18a(h),21ß(h)-28,30-bisnorhopane		X		X			0.0004	4.9600	mg/mi	166,193		1			X
948	17a(h),21ß(h)-22,29,30-trisnorhopane		X		X			0.0019	19.3900	mg/mi	166,193		1			X
949	17a(h),21ß(h)-30-norhopane	53584-60-4	X		X			0.0056	33.3400	mg/mi	166,193		1			X
950	17ß(h),21a(h)-hopane	1176-44-9	X		X			0.0003	5.5700	mg/mi	166,193		1			X
951	17ß(h),21ß(h)-hopane	471-62-5			X			0.0018	0.0611	mg/mi	166		1			X
952	18a(h),21ß(h)-22,29,30-trisnorhopane				X			0.0022	0.0286	mg/mi	166		1			X
953	18a(h),21ß(h)-30-norneohopane		X		X			0.0005	16.5700	mg/mi	166,193		1			X
954	1-methylpyrene	2381-21-7	X		X			0.0007	7.0600	mg/mi	166,193		1			X
955	2,4,5-trimethylnaphthalene	17057-91-9			X			0.0019	0.7976	mg/mi	166		1			X
956	22r-17a(h),21ß(h)-30,31,32-trishomohopane		X		X			0.0018	0.9800	mg/mi	166,193		1			X
957	22r-17a(h),21ß(h)-30,31-bishomohopane		X		X			0.0004	4.0300	mg/mi	166,193		1			X
958	22r-17a(h),21ß(h)-30-homohopane	60305-22-8	X		X			0.0065	7.7900	mg/mi	166,193		1			X
959	22s-17a(h),21ß(h)-30,31,32-trisomohopane		X		X			0.0018	3.6600	mg/mi	166,193		1			X
960	22s-17a(h),21ß(h)-30,31-bishomohopane		X		X			0.0025	6.4200	mg/mi	166,193		1			X
961	22s-17a(h),21ß(h)-30-homohopane	60305-23-9	X		X			0.0009	13.5800	mg/mi	166,193		1			X
962	2-methylphenol	95-48-7			X		X	0.0158	1.5549	mg/mi	166,190		1	X		X
963	4-ethylguaiacol	2785-89-9			X			0.0001	0.0596	mg/mi	166		1			X
964	4-formyl guaiacol				X			0.0023	0.0812	mg/mi	166		1			X
965	4-methyl syringol	6638-05-7			X			0.0001	0.0089	mg/mi	166		1			X
966	4-methylguaiacol	93-51-6			X			0.0211	0.9218	mg/mi	166		1			X
967	4-methylpyrene	3353-12-6			X			0.0022	0.5247	mg/mi	166		1			X
968	4-n-propyltoluene + 1,4-diethylbenz	1074-55-1; 105-05-5			X			0.0181	5.6580	mg/mi	166		1			X
969	5-isopropyl-m-xylene	4706-89-2			X			0.0258	0.9604	mg/mi	166		1			X
970	9-anthraldehyde	642-31-9			X			0.0003	1.1249	mg/mi	166		1			X
971	abietic acid	514-10-3			X			0.0441	20.6345	mg/mi	166		1			X
972	acenaphthenequinone	82-86-0			X			0.0061	20.6963	mg/mi	166		1			X
973	acetovanillone	498-02-2			X			0.0011	0.3468	mg/mi	166		1			X
974	benz(a)anthracene-7,12-dione	2498-66-0			X			0.0008	0.0508	mg/mi	166		1			X
975	c27-20r-13a(h),17ß(h)-diasterane		X		X			0.0009	9.8300	mg/mi	166,193		1			X
976	c27-20r-13ß(h),17a(h)-diasterane		X		X			0.0006	17.6200	mg/mi	166,193		1			X
977	c27-20r5a(h),14ß(h)-cholestane				X			0.0007	0.0830	mg/mi	166		1			X
978	c27-20s-13a(h),17ß(h)-diasterane		X		X			0.0009	7.6500	mg/mi	166,193		1			X
979	c27-20s-13ß(h),17a(h)-diasterane		X		X			0.0002	24.2200	mg/mi	166,193		1			X
980	c27-20s5a(h),14a(h)-cholestane				X			0.0007	0.2183	mg/mi	166		1			X
981	c27-tetracyclic terpane				X			0.0007	0.0882	mg/mi	166		1			X
982	c28-20r5a(h),14a(h),17a(h)-ergostane				X			0.0011	0.1691	mg/mi	166		1			X
983	c28-20r5a(h),14ß(h),17ß(h)-ergostane				X			0.0011	0.2014	mg/mi	166		1			X
984	c28-20s-13ß(h),17a(h)-diasterane		X		X			0.0007	20.7500	mg/mi	166,193		1			X
985	c28-20s5a(h),14a(h),17a(h)-ergostane				X			0.0007	0.0696	mg/mi	166		1			X
986	c28-tetracyclic terpane		X		X			0.0011	12.9600	mg/mi	166,193		1			X
987	c29-20r-13a(h),17ß(h)-diasterane		X		X			0.0009	30.6400	mg/mi	166,193		1			X
988	c29-20r5a(h),14a(h),17a(h)-stigmastane				X			0.0045	0.0570	mg/mi	166		1			X
989	c29-20r5a(h),14ß(h),17ß(h)-stigmastane				X			0.0004	0.1201	mg/mi	166		1			X
990	c29-20s5a(h),14a(h),17a(h)-stigmastane				X			0.0007	0.1004	mg/mi	166		1			X
991	c29-20s5a(h),14ß(h),17ß(h)-stigmastane				X			0.0178	0.0411	mg/mi	166		1			X
992	cis-pinonic acid	473-72-3			X			0.0001	0.4625	mg/mi	166		1			X
993	dehydroabietic acid	1740-19-8			X			1.1051	1.1051	mg/mi	166		1			X
994	docosanoic acid	112-85-6			X			0.0013	0.0105	mg/mi	166		1			X
995	dodecene	25378-22-7			X			0.0552	6.1682	mg/mi	166		1			X
996	elaidic acid	112-79-8			X			0.0009	0.5633	mg/mi	166		1			X
997	eugenol	97-53-0			X			0.0007	0.0621	mg/mi	166		1			X
998	glutaric acid	110-94-1			X			0.0009	0.0912	mg/mi	166		1			X
999	guaiacol	90-05-1			X			0.0001	0.0815	mg/mi	166		1			X
1000	henicosanoic acid	2363-71-5			X			0.0018	0.0018	mg/mi	166		1			X
1001	heptadecane_pristane	629-78-7; 1921-70-6			X			0.0418	109.9222	mg/mi	166		1			X
1002	heptanedioic acid	111-16-0			X			0.0006	0.2543	mg/mi	166		1			X
1003	hexadecane_norpristane	544-76-3; 3892-00-0			X			0.0228	49.4702	mg/mi	166		1			X
1004	hexanedioic acid	124-04-9			X			0.0041	1.6839	mg/mi	166		1			X
1005	hexanoic acid	142-62-1			X			0.0001	2.5040	mg/mi	166		1			X

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							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-isobenzofurandione	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	hepenoic 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									0.1	292.3999939	mg/mi	0.100000001	4901	mg/hp-hr	191,193		1	X	X
1061	di-nitropyrene			X												1E-06	0.00026	mg/hp-hr	191		1	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-dimethyldibenzothiophene	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

1074	2,3-dimethylhexane + 3-ethyl-2-met	584-94-1;609-26-7	X	0.15	8.680000305	mg/mi	193	1	X
1075	2,4-dimethylhexane + 2,2,3-trimethy	589-43-5;564-2-3	X	0.05	14.60999966	mg/mi	193	1	X
1076	2,5-dimethylhexane + ethylcyclopen	592-13-2;1640-89-7	X	0.07	8.869999886	mg/mi	193	1	X
1077	2,6-dimethylheptane + cis-1,2-dimet	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-	563-16-6; X	X	0.04	1.940000057	mg/mi	193	1	X
1083	3,4-dimethylheptane + 4-methylocta	922-28-1 ;2216-34-4	X	0.07	4.300000191	mg/mi	193	1	X
1084	3-ethyloctane	5881-17-4	X	0.01	8.760000229	mg/mi	193	1	X
1085	3-ethylpentane + trans-1,3-dimethyl	617-78-7;1759-58-6	X	0.1	4.360000134	mg/mi	193	1	X
1086	3-methyloctane + 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-pe	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-methyl	89-53-7;1067-08-9;591-49-	X	0.05	2.170000076	mg/mi	193	1	X
1093	4-propyltoluene + butyl-1,3-dimethy	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)thi	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	17.28000069	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	7.53000021	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-trimethylcyclopenta	2613-69-6	X	0.05	2.160000086	mg/mi	193	1	X
1136	cis-cis-trans-1,2,4-trimethylcyclopen	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

1142	isopropylcyclopentane	3875-51-2	X		0.05	0.600000024	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-dimeth	8-87-2;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-dimethylcycloh	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	0.75999999	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	0.49000001	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	4.28000021	mg/mi	193	1	X
1162	hydrogen cyanide	74-90-8	X	X	0	90	mg/mi	197	1	X