

TNT (2,4,6-Trinitrotoluene)	925	1	49	
1,3-Butadiene	54.1	0.6211		0
1.70E-06*				
1-Butene	56.1	0.5951		0
1.60E-06*				
1-Hexane	86.2	0.6603		0
2.20E-06*				
1-Pentene	70.1	0.6405		0
1.40E-06*				
Acetylene	26.0	0.6181		0
1.70E-05*				
Aluminum	27.0	2.7020		0
1.30E-03*				
Antimony	121.8	6.6840		0
6.70E-07*				
Barium	137.3	3.5100		0
8.20E-03*				
Benzene	78.1	0.8787		0
4.10E-06*				
CO	28.0	0.0013		0
1.00E-02*				
CO2	44.0	0.0020		0
1.50E+00*				
Cadmium	112.4	8.6420		0
4.00E-05*				
Chromium	52.0	7.2000		0
2.30E-05*				
Copper	63.5	8.9200		0
5.00E-04*				
Cyclohexane	84.2	0.7781		0
1.60E-06*				
Cyclopentane	70.1	0.7500		0
4.70E-07*				
Cyclopentene	68.1	0.8000		0
4.60E-07*				
Ethane	30.1	0.5720		0
7.40E-07*				
Ethylbenzene	106.2	0.8670		0
4.70E-07*				
Ethylene	28.1	0.0013		0
2.20E-05*				
Lead	207.2	11.3437		0
9.00E-06*				
Methylcyclohexane	98.2	0.0000		0
5.10E-06*				
Methylcyclopentane	0.0	0.0000		0
7.00E-07*				
Methylenechloride	84.9	1.3266		0
1.80E-04*				
NO	30.0	0.0013		0
9.70E-03*				
NO2	46.0	1.4494		9360
7.60E-04*				

PM10	0.0	0.0000	0
9.30E-02*			
Propane	44.1	0.5005	0
3.70E-07*			
Propene	42.1	0.5193	0
7.20E-06*			
RDX	222.1	1.8200	0
9.60E-06*			
SO2	64.1	0.0029	0
1.40E-04*			
Styrene	104.2	0.9060	0
1.50E-06*			
Toluene	92.2	0.8669	0
5.10E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
8.60E-06*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
6.00E-05*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
1.60E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
4.00E-05*			
Zinc	65.4	7.1400	0
1.00E-05*			
cis-2-Pentene	70.1	0.6556	0
4.60E-07*			
i-Butane	58.1	0.0000	0
4.60E-07*			
i-Butene	56.1	0.0000	0
3.60E-06*			
i-Pentane	72.2	0.0000	0
1.40E-06*			
m-Ethyltoluene	135.2	0.9391	0
4.80E-07*			
n-Heptane	100.2	0.6840	0
9.50E-07*			
n-Hexane	86.1	0.6548	0
9.30E-07*			
n-Octane	114.2	0.7025	0
2.90E-06*			
n-Pentane	72.2	0.6262	0
3.30E-06*			
trans-2-Butene	125.0	1.1830	0
9.50E-07*			
trans-2-Pentene	84.2	0.6942	0
4.60E-07*			
Composition B (56/38/6 RDX-TNT-WAX)	1319	1	37
1-Butene	56.1	0.5951	0
1.30E-06*			
1-Hexane	86.2	0.6603	0
1.60E-06*			
Acetylene	26.0	0.6181	0
1.40E-05*			

Benzene	78.1	0.8787	0
2.60E-06*			
CO	28.0	0.0013	0
4.20E-03*			
CO2	44.0	0.0020	0
1.10E+00*			
Carbon Tetrachloride	153.8	1.5940	0
3.60E-07*			
Ethane	30.1	0.5720	0
1.30E-06*			
Ethylbenzene	106.2	0.8670	0
2.00E-06*			
Ethylene	28.1	0.0013	0
1.40E-05*			
Methylcyclohexane	98.2	0.0000	0
2.30E-06*			
Methylcyclopentane	0.0	0.0000	0
3.60E-07*			
Methylenechloride	84.9	1.3266	0
1.40E-04*			
NO	30.0	0.0013	0
9.30E-03*			
NO2	46.0	1.4494	9360
1.90E-04*			
PM10	0.0	0.0000	0
1.20E-02*			
Propane	44.1	0.5005	0
7.40E-07*			
Propene	42.1	0.5193	0
3.10E-06*			
SO2	64.1	0.0029	0
1.30E-04*			
Tetrachloroethylene	165.8	1.6227	0
1.80E-05*			
Toluene	92.2	0.8669	0
6.00E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7080	0
1.10E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
3.40E-05*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
2.40E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.10E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
4.50E-05*			
i-Butane	58.1	0.0000	0
3.70E-07*			
i-Butene	56.1	0.0000	0
9.80E-07*			
i-Pentane	72.2	0.0000	0
3.70E-07*			
m-Ethyltoluene	135.2	0.9391	0
3.70E-07*			

n-Decane	142.3	0.7300		0
3.60E-07*				
n-Heptane	100.2	0.6840		0
7.30E-07*				
n-Hexane	86.1	0.6548		0
5.50E-07*				
n-Nonane	128.3	0.7176		0
1.30E-06*				
n-Octane	114.2	0.7025		0
3.70E-07*				
n-Pentane	72.2	0.6262		0
3.70E-07*				
p-Ethyltoluene	135.2	0.9391		0
9.80E-07*				
Explosive D (ammonium picrate)	800	1	7	
Benzene	78.1	0.8787		0
1.10E-04*				
CO	28.0	0.0013		0
5.30E-02*				
CO2	44.0	0.0020		0
9.90E-01*				
Methane	16.0	0.5547		0
2.40E-03*				
NO	30.0	0.0013		0
9.00E-04*				
NO2	46.0	1.4494		9360
1.10E-03*				
Total Non-methane Hydrocarbons	0.0	0.0000		0
2.00E-03*				
RDX (cyclotrimethylenetrinitramine)	1480	1	7	
Benzene	78.1	0.8787		0
6.90E-05*				
CO	28.0	0.0013		0
3.10E-02*				
CO2	44.0	0.0020		0
5.70E-01*				
Methane	16.0	0.5547		0
2.00E-04*				
NO	30.0	0.0013		0
9.00E-04*				
NO2	46.0	1.4494		9360
6.00E-04*				
Total Non-methane Hydrocarbons	0.0	0.0000		0
1.30E-03*				
Triple Base (M30-28% Nitrocellulose)	1000	1.20E+05	5	
CO	28.0	0.0013		0
2.50E-05*				
CO2	44.0	0.0020		0
6.60E-01*				
NO	30.0	0.0013		0
5.20E-03*				
NO2	46.0	1.4494		9360
2.10E-03*				

Total Non-methane Hydrocarbons	0.0	0.0000	0
1.50E-05*			
Manufacturer's Waste (65% propell.)	1000	1.55E+04	60
1-Butene	56.1	0.5951	0
8.30E-06*			
1-Hexane	86.2	0.6603	0
4.80E-06*			
1-Pentene	70.1	0.6405	0
5.10E-06*			
1234678-HpCDF	0.0	0.0000	0
3.40E-08*			
123478-HxCDF	0.0	0.0000	0
2.10E-08*			
1234789-HpCDF	0.0	0.0000	0
7.90E-09*			
123678-HxCDF	0.0	0.0000	0
9.50E-09*			
Acenaphthylene	152.2	0.8988	0
1.60E-04*			
Aluminum	27.0	2.7020	0
3.60E-02*			
Acetylene	26.0	0.6181	0
1.60E-03*			
Barium	137.3	3.5100	0
8.60E-05*			
Benzene	78.1	0.8787	0
4.50E-04*			
CO	28.0	0.0013	0
2.00E-02*			
CO2	44.0	0.0020	0
1.10E+00*			
Carbon Tetrachloride	153.8	1.5940	0
5.60E-06*			
Chloroform	119.4	1.4832	0
2.30E-06*			
Cl2	70.9	3.2140	0
2.00E-04*			
Copper	63.5	8.9200	0
1.50E-05*			
Cyclohexane	84.2	0.7781	0
2.00E-06*			
Cyclopentane	70.1	0.7500	0
2.50E-07*			
Cyclopentene	68.1	0.8000	0
9.40E-07*			
Ethane	30.1	0.5720	0
9.50E-06*			
Ethylbenzene	106.2	0.8670	0
2.40E-06*			
Ethylene	62.0	0.9780	0
2.30E-04*			
Fluoranthene	202.3	1.2520	0
2.00E-04*			

HCL	36.5	1.1870	0
8.30E-02*			
Lead	207.2	11.3437	0
2.80E-04*			
Methylchloride	50.5	0.9159	0
2.00E-05*			
Methylcyclohexane	98.2	0.0000	0
8.00E-06*			
Methylcyclopentane	0.0	0.0000	0
1.10E-06*			
Methylenechloride	84.9	1.3266	0
1.20E-05*			
Nitrogen Oxide	30.0	0.0013	0
1.00E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
6.60E-06*			
OCDF	0.0	0.0000	0
4.00E-08*			
PM10	0.0	0.0000	0
1.90E+00*			
Propane	44.1	0.5005	0
4.50E-06*			
Propene	42.1	0.5193	0
2.60E-05*			
Sulfur Dioxide	64.1	0.0029	0
8.60E-04*			
Tetrachloroethylene	165.8	1.6227	0
1.70E-06*			
Toluene	92.2	0.8669	0
2.80E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7080	0
1.30E-04*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.90E-03*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
5.70E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
2.90E-03*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
3.50E-04*			
Zinc	65.4	7.1400	0
5.70E-04*			
cis-2-Pentene	70.1	0.6556	0
5.60E-07*			
i-Butane	58.1	0.0000	0
1.40E-06*			
i-Butene	56.1	0.0000	0
5.80E-06*			
i-Pentane	72.2	0.0000	0
2.30E-05*			
m-Ethyltoluene	135.2	0.9391	0
2.60E-06*			
n-Butane	58.1	0.6012	0
9.30E-06*			

n-Decane	142.3	0.7300	0
1.40E-05*			
n-Heptane	100.2	0.6840	0
4.70E-06*			
n-Hexane	86.1	0.6548	0
3.70E-06*			
n-Nonane	128.3	0.7176	0
1.30E-05*			
n-Octane	114.2	0.7025	0
7.60E-06*			
n-Pentane	72.2	0.6262	0
4.30E-06*			
p-Ethyltoluene	135.2	0.9391	0
5.00E-06*			
trans-2-Butene	125.0	1.1830	0
2.10E-05*			
trans-2-Pentene	84.2	0.6942	0
9.60E-07*			
M1 (85% Nitrocellulose)	1020	1.88E+05	11
2,4-Dinitrotoluene	182.1	1.3208	0
1.20E-09*			
Benzene	78.1	0.8787	0
4.80E-06*			
Carbon Dioxide	44.0	0.0020	0
1.10E+00*			
Carbon Monoxide	28.0	0.0013	0
2.50E-04*			
Diphenylamine	169.2	1.1600	0
1.10E-10*			
Methane	16.0	0.5547	0
8.00E-03*			
Naphthalene	128.2	1.0253	0
1.90E-08*			
Nitrogen Oxide	30.0	0.0013	0
1.20E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
4.70E-04*			
Phenol	94.1	1.0576	0
3.43E-09*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
4.60E-04*			
M6 (87.7% Nitrocellulose)	1020	2.18E+05	13
2,4-Dinitrotoluene	182.1	1.3208	0
1.00E-09*			
2,6-Dinitrotoluene	182.1	1.2833	0
1.00E-10*			
Benzene	78.1	0.8787	0
1.70E-06*			
Carbon Dioxide	44.0	0.0020	0
1.06E+00*			
Carbon Monoxide	28.0	0.0013	0
9.50E-05*			
Diphenylamine	169.2	1.1600	0
2.60E-10*			

Methane	16.0	0.5547	0
4.60E-05*			
Naphthalene	128.2	1.0253	0
7.50E-08*			
Nitrogen Oxide	30.0	0.0013	0
2.40E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
5.20E-03*			
Phenol	94.1	1.0576	0
1.50E-09*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.30E-05*			
n-Nitronaphthalene	198.2	1.0000	0
1.40E-10*			
Double Base (50% nitrocellulose)	1020	1	15
Acetylene	26.0	0.6181	0
2.00E-04*			
Benzene	78.1	0.8787	0
1.20E-04*			
CO	28.0	0.0013	0
1.50E-03*			
CO2	44.0	0.0020	0
9.40E-01*			
Copper	63.5	8.9200	0
3.70E-02*			
Lead	207.2	11.3437	0
1.20E-02*			
Nitrogen Oxide	30.0	0.0013	0
2.40E-02*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
2.80E-03*			
PM10	0.0	0.0000	0
1.90E-02*			
Sulfur Dioxide	64.1	0.0029	0
3.20E-03*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7080	0
2.20E-04*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
7.30E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
4.40E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.00E-05*			
Zinc	65.4	7.1400	0
1.00E-05*			
Tritonal (79% TNT, 21% Aluminum)	1290	1	46
1,3-Butadiene	54.1	0.6211	0
9.10E-07*			
1-Butene	56.1	0.5951	0
2.00E-06*			
1-Hexane	86.2	0.6603	0
2.10E-06*			
1-Pentene	70.1	0.6405	0
1.50E-06*			

Acetylene	26.0	0.6181	0
1.20E-04*			
Aluminum	27.0	2.7020	0
2.50E-02*			
Barium	137.3	3.5100	0
1.60E-04*			
Benzene	78.1	0.8787	0
5.70E-06*			
CO	28.0	0.0013	0
4.70E-03*			
CO2	44.0	0.0020	0
6.40E-01*			
Carbon Tetrachloride	153.8	1.5940	0
3.70E-07*			
Chloroform	119.4	1.4832	0
3.60E-07*			
Cyclopentane	70.1	0.7500	0
3.70E-07*			
Cyclopentene	68.1	0.8000	0
7.30E-07*			
Ethane	30.1	0.5720	0
3.60E-07*			
Ethylbenzene	106.2	0.8670	0
2.50E-06*			
Ethylene	62.0	0.9780	0
2.20E-05*			
Lead	207.2	11.3437	0
1.10E-03*			
Methylchloride	50.5	0.9159	0
5.60E-07*			
Methylcyclohexane	98.2	0.0000	0
7.00E-06*			
Methylcyclopentane	0.0	0.0000	0
5.60E-07*			
Methylenechloride	84.9	1.3266	0
1.80E-05*			
Nitrogen Oxide	30.0	0.0013	0
8.20E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.50E-04*			
PM10	0.0	0.0000	0
3.70E-01*			
Propane	44.1	0.5005	0
7.30E-07*			
Propene	42.1	0.5193	0
3.20E-06*			
Sulfur Dioxide	64.1	0.0029	0
1.60E-04*			
Tetrachloroethylene	165.8	1.6227	0
2.70E-06*			
Toluene	92.2	0.8669	0
1.80E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7080	0
1.00E-05*			

Total Alkenes (Olefins) (e.g. Ethyle 1.60E-04*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 2.70E-05*	104.2	0.9060	0
Total Non-methane Hydrocarbons 2.80E-04*	0.0	0.0000	0
Total Unidentified Hydrocarbons 9.00E-05*	0.0	0.0000	0
i-Butane 5.50E-07*	58.1	0.0000	0
i-Butene 1.40E-06*	56.1	0.0000	0
i-Propylbenzene 6.10E-07*	120.2	0.0000	0
n-Butane 1.30E-06*	58.1	0.6012	0
n-Decane 3.70E-07*	142.3	0.7300	0
n-Nonane 1.20E-06*	128.3	0.7176	0
n-Octane 3.70E-07*	114.2	0.7025	0
n-Pentane 7.30E-07*	72.2	0.6262	0
p-Ethyltoluene 3.60E-06*	135.2	0.9391	0
trans-2-Butene 1.50E-06*	125.0	1.1830	0
trans-2-Pentene 3.70E-07*	84.2	0.6942	0
Tritonal with 2.5% Calcium Stearate	1290	1	39
1,3-Butadiene 1.30E-06*	54.1	0.6211	0
1-Butene 3.70E-06*	56.1	0.5951	0
1-Hexene 2.80E-06*	84.2	0.6731	0
1-Pentene 9.10E-07*	70.1	0.6405	0
Acetylene 1.90E-05*	26.0	0.6181	0
Aluminum 1.70E-02*	27.0	2.7020	0
Barium 3.60E-04*	137.3	3.5100	0
Benzene 3.10E-06*	78.1	0.8787	0
CO 2.70E-03*	28.0	0.0013	0
CO2 1.30E+00*	44.0	0.0020	0
Copper 5.00E-04*	63.5	8.9200	0

Cyclopentene 3.60E-07*	68.1	0.8000	0
Ethane 7.40E-07*	30.1	0.5720	0
Ethylbenzene 1.60E-06*	106.2	0.8670	0
Ethylene 2.50E-05*	62.0	0.9780	0
Lead 9.20E-04*	207.2	11.3437	0
Methylchloride 3.70E-07*	50.5	0.9159	0
Methylcyclohexane 4.40E-07*	98.2	0.0000	0
Methylenechloride 1.60E-04*	84.9	1.3266	0
Nitrogen Oxide 6.60E-03*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 4.50E-05*	46.0	1.4494	9360
PM10 2.60E-01*	0.0	0.0000	0
Propane 3.60E-07*	44.1	0.5005	0
Propene 6.10E-06*	42.1	0.5193	0
Sulfur Dioxide 1.20E-04*	64.1	0.0029	0
Tetrachloroethylene 3.70E-07*	165.8	1.6227	0
Total Alkenes (Olefins) (e.g. Ethyle 6.10E-05*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 1.40E-05*	104.2	0.9060	0
Total Non-methane Hydrocarbons 4.00E-05*	0.0	0.0000	0
Total Unidentified Hydrocarbons 3.60E-06*	0.0	0.0000	0
Zinc 7.00E-05*	65.4	7.1400	0
i-Butane 7.30E-07*	58.1	0.0000	0
i-Butene 2.00E-06*	56.1	0.0000	0
i-Propylbenzene 7.30E-07*	120.2	0.0000	0
n-Butane 3.60E-07*	58.1	0.6012	0
n-Decane 3.60E-07*	142.3	0.7300	0
p-Ethyltoluene 7.30E-07*	135.2	0.9391	0
trans-2-Butene 1.80E-06*	125.0	1.1830	0

trans-2-Pentene	84.2	0.6942	0
3.60E-07*			
Amatol (50% TNT, 50% Ammn. Nitrate)	836	1	42
1-Butene	56.1	0.5951	0
1.70E-06*			
1-Hexene	84.2	0.6731	0
2.00E-06*			
1-Pentene	70.1	0.6405	0
1.20E-06*			
Acetylene	26.0	0.6181	0
9.50E-05*			
Barium	137.3	3.5100	0
6.00E-06*			
Benzene	78.1	0.8787	0
2.30E-05*			
CO	28.0	0.0013	0
9.70E-03*			
CO2	44.0	0.0020	0
7.00E-01*			
Carbon Tetrachloride	153.8	1.5940	0
3.70E-07*			
Ethane	30.1	0.5720	0
4.10E-06*			
Ethylbenzene	106.2	0.8670	0
1.20E-06*			
Ethylene	62.0	0.9780	0
3.10E-05*			
Lead	207.2	11.3437	0
3.30E-05*			
Methylchloride	50.5	0.9159	0
7.50E-07*			
Methyl chloroform	133.4	1.3390	0
3.70E-07*			
Methylcyclohexane	98.2	0.0000	0
2.50E-06*			
Methylcyclopentane	0.0	0.0000	0
1.90E-07*			
Methylenechloride	84.9	1.3266	0
1.50E-04*			
Nitrogen Oxide	30.0	0.0013	0
1.80E-02*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.20E-04*			
PM10	0.0	0.0000	0
1.90E-02*			
Propane	44.1	0.5005	0
1.00E-06*			
Propene	42.1	0.5193	0
5.50E-06*			
Sulfur Dioxide	64.1	0.0029	0
2.60E-04*			
Tetrachloroethylene	165.8	1.6227	0
3.70E-07*			

Toluene	92.2	0.8669	0
6.70E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
1.60E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.40E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
4.30E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
4.50E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
2.50E-04*			
i-Butane	58.1	0.0000	0
6.20E-07*			
i-Butene	56.1	0.0000	0
1.50E-06*			
i-Pentane	72.2	0.0000	0
1.50E-06*			
m-Ethyltoluene	135.2	0.9391	0
3.70E-07*			
n-Butane	58.1	0.6012	0
6.20E-07*			
n-Heptane	100.2	0.6840	0
7.50E-07*			
n-Hexane	86.1	0.6548	0
5.60E-07*			
n-Nonane	128.3	0.7176	0
3.70E-07*			
n-Octane	114.2	0.7025	0
3.70E-07*			
p-Ethyltoluene	135.2	0.9391	0
7.60E-06*			
trans-2-Butene	125.0	1.1830	0
1.50E-06*			
HBX (48/31/17/4 RDX-TNT-Al-WAX)	1405	1	48
1,3-Butadiene	54.1	0.6211	0
1.40E-06*			
1-Butene	56.1	0.5951	0
6.30E-06*			
1-Hexene	84.2	0.6731	0
2.70E-06*			
1-Pentene	70.1	0.6405	0
1.50E-06*			
Acetylene	26.0	0.6181	0
2.90E-05*			
Aluminum	27.0	2.7020	0
8.60E-03*			
Benzene	78.1	0.8787	0
7.20E-06*			
CO	28.0	0.0013	0
5.20E-03*			
CO2	44.0	0.0020	0
1.00E+00*			

Carbon Tetrachloride 3.90E-07*	153.8	1.5940	0
Chloroform 3.80E-07*	119.4	1.4832	0
Copper 3.20E-03*	63.5	8.9200	0
Cyclopentane 1.10E-06*	70.1	0.7500	0
Cyclopentene 3.90E-07*	68.1	0.8000	0
Ethane 1.60E-06*	30.1	0.5720	0
Ethylbenzene 1.80E-06*	106.2	0.8670	0
Ethylene 3.20E-05*	62.0	0.9780	0
Methylchloride 6.30E-07*	50.5	0.9159	0
Methyl chloroform 3.80E-07*	133.4	1.3390	0
Methylcyclohexane 6.10E-06*	98.2	0.0000	0
Methylcyclopentane 6.40E-07*	0.0	0.0000	0
Methylenechloride 2.70E-04*	84.9	1.3266	0
Nitrogen Oxide 9.90E-03*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 4.40E-05*	46.0	1.4494	9360
PM10 1.80E-01*	0.0	0.0000	0
Propane 8.70E-07*	44.1	0.5005	0
Propene 9.40E-06*	42.1	0.5193	0
Sulfur Dioxide 1.10E-03*	64.1	0.0029	0
Toluene 3.30E-06*	92.2	0.8669	0
Total Alkanes (Paraffins) (e.g. Octa 1.40E-05*	114.0	0.7030	0
Total Alkenes (Olefins) (e.g. Ethyle 9.40E-05*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 2.10E-05*	104.2	0.9060	0
Total Non-methane Hydrocarbons 1.80E-04*	0.0	0.0000	0
Total Unidentified Hydrocarbons 7.90E-05*	0.0	0.0000	0
Zinc 1.40E-04*	65.4	7.1400	0
cis-2-Pentene 3.90E-07*	70.1	0.6556	0

i-Butane	58.1	0.0000	0
5.50E-07*			
i-Butene	56.1	0.0000	0
3.50E-06*			
i-Propylbenzene	120.2	0.0000	0
5.50E-07*			
n-Butane	58.1	0.6012	0
5.00E-07*			
n-Decane	142.3	0.7300	0
3.70E-07*			
n-Heptane	100.2	0.6840	0
5.50E-07*			
n-Hexane	86.1	0.6548	0
5.50E-07*			
n-Octane	114.2	0.7025	0
7.30E-07*			
n-Pentane	72.2	0.6262	0
7.40E-07*			
p-Ethyltoluene	135.2	0.9391	0
7.30E-07*			
trans-2-Butene	125.0	1.1830	0
4.50E-06*			
trans-2-Pentene	84.2	0.6942	0
3.70E-07*			
Diesel and Dunnage	1000	1	43
1,3-Butadiene	54.1	0.6211	0
1.20E-06*			
1-Butene	56.1	0.5951	0
4.70E-06*			
1-Hexene	84.2	0.6731	0
2.20E-06*			
1-Pentene	70.1	0.6405	0
1.70E-06*			
Acetylene	26.0	0.6181	0
9.50E-05*			
Benzene	78.1	0.8787	0
7.80E-05*			
CO	28.0	0.0013	0
6.00E-03*			
CO2	44.0	0.0020	0
1.50E+00*			
Cyclohexane	84.2	0.7781	0
2.70E-05*			
Cyclopentane	70.1	0.7500	0
1.50E-06*			
Ethane	30.1	0.5720	0
9.30E-06*			
Ethylbenzene	106.2	0.8670	0
5.50E-05*			
Ethylene	62.0	0.9780	0
7.40E-05*			
Methylcyclohexane	98.2	0.0000	0
1.60E-04*			

Methylcyclopentane 9.90E-06*	0.0	0.0000	0
Nitrogen Oxide 8.00E-04*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 4.20E-05*	46.0	1.4494	9360
OCDD 1.00E-11*	0.0	0.0000	0
PM10 5.40E-03*	0.0	0.0000	0
Propane 2.20E-06*	44.1	0.5005	0
Propene 1.30E-05*	42.1	0.5193	0
Sulfur Dioxide 1.90E-04*	64.1	0.0029	0
Toluene 1.20E-04*	92.2	0.8669	0
Total Alkanes (Paraffins) (e.g. Octa 3.50E-03*	114.0	0.7030	0
Total Alkenes (Olefins) (e.g. Ethyle 1.90E-04*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 2.30E-03*	104.2	0.9060	0
Total Non-methane Hydrocarbons 1.20E-02*	0.0	0.0000	0
Total Unidentified Hydrocarbons 6.00E-03*	0.0	0.0000	0
Zinc 6.30E-05*	65.4	7.1400	0
i-Butane 1.20E-06*	58.1	0.0000	0
i-Butene 2.00E-06*	56.1	0.0000	0
i-Pentane 8.90E-06*	72.2	0.0000	0
m-Ethyltoluene 1.30E-04*	135.2	0.9391	0
n-Butane 4.60E-06*	58.1	0.6012	0
n-Decane 1.80E-03*	142.3	0.7300	0
n-Heptane 5.90E-05*	100.2	0.6840	0
n-Hexane 1.60E-05*	86.1	0.6548	0
n-Nonane 1.00E-03*	128.3	0.7176	0
n-Octane 2.50E-04*	114.2	0.7025	0
n-Pentane 9.10E-06*	72.2	0.6262	0
p-Ethyltoluene 1.50E-04*	135.2	0.9391	0

trans-2-Butene	125.0	1.1830	0
2.90E-06*			
trans-2-Pentene	84.2	0.6942	0
1.10E-06*			
Impluse Cartridge, ARD 446-1	1000	1	48
1,3-Butadiene	54.1	0.6211	0
6.70E-06*			
1-Hexene	84.2	0.6731	0
1.80E-05*			
1-Pentene	70.1	0.6405	0
8.90E-06*			
Acetylene	26.0	0.6181	0
2.20E-04*			
Aluminum	27.0	2.7020	0
3.90E-03*			
Antimony	121.8	6.6840	0
1.80E-04*			
Benzene	78.1	0.8787	0
6.70E-05*			
CO	28.0	0.0013	0
1.30E-02*			
CO2	44.0	0.0020	0
4.80E-01*			
Cyclopentane	70.1	0.7500	0
2.60E-07*			
Cyclopentene	68.1	0.8000	0
3.10E-06*			
Ethane	30.1	0.5720	0
2.40E-05*			
Ethylbenzene	106.2	0.8670	0
1.90E-06*			
Ethylene	62.0	0.9780	0
3.30E-04*			
Lead	207.2	11.3437	0
3.10E-04*			
Methyl Chloride	50.5	0.9159	0
1.20E-06*			
Methyl Chloroform	133.4	1.3390	0
1.20E-06*			
Methylcyclopentane	0.0	0.0000	0
6.00E-07*			
Methylenechloride	84.9	1.3266	0
5.00E-05*			
Nitrogen Oxide	30.0	0.0013	0
6.40E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.70E-03*			
PM10	0.0	0.0000	0
8.30E-02*			
Propane	44.1	0.5005	0
5.70E-06*			
Propene	42.1	0.5193	0
6.00E-05*			

RDX	222.1	1.8200	0
8.40E-04*			
Styrene	104.2	0.9060	0
5.40E-06*			
Sulfur Dioxide	64.1	0.0029	0
2.40E-04*			
Tetrachloroethylene	165.8	1.6227	0
3.60E-05*			
Toluene	92.2	0.8669	0
1.70E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
5.10E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
6.80E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
1.00E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
9.80E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
1.40E-04*			
cis-2-Pentene	70.1	0.6556	0
5.10E-07*			
i-Butane	58.1	0.0000	0
1.40E-06*			
i-Butene	56.1	0.0000	0
2.20E-05*			
m-Ethyltoluene	135.2	0.9391	0
5.70E-07*			
n-Butane	58.1	0.6012	0
2.20E-06*			
n-Decane	142.3	0.7300	0
3.40E-07*			
n-Heptane	100.2	0.6840	0
1.80E-06*			
n-Hexane	86.1	0.6548	0
1.50E-07*			
n-Nonane	128.3	0.7176	0
5.90E-07*			
n-Octane	114.2	0.7025	0
7.70E-07*			
n-Pentane	72.2	0.6262	0
1.10E-06*			
p-Ethyltoluene	135.2	0.9391	0
1.10E-06*			
trans-2-Butene	125.0	1.1830	0
8.30E-06*			
trans-2-Pentene	84.2	0.6942	0
6.00E-07*			
Impluse BBU-368 Cartridge	1000	1	53
1,3-Butadiene	54.1	0.6211	0
2.80E-06*			
1-Butene	56.1	0.5951	0
7.30E-06*			

1-Hexene	84.2	0.6731	0
1.90E-05*			
Acetylene	26.0	0.6181	0
1.50E-04*			
Allyl Chloride	76.5	0.9376	0
9.30E-06*			
Aluminum	27.0	2.7020	0
1.10E-02*			
Benzene	78.1	0.8787	0
2.10E-05*			
CO	28.0	0.0013	0
8.40E-03*			
CO2	44.0	0.0020	0
5.00E-01*			
Chromium	52.0	7.2000	0
2.20E-05*			
Copper	63.5	8.9200	0
1.20E-03*			
Cyclohexane	84.2	0.7781	0
5.60E-07*			
Cyclopentane	70.1	0.7500	0
2.80E-07*			
Cyclopentene	68.1	0.8000	0
2.70E-06*			
Diethyl phthalate	182.1	1.3208	0
4.00E-04*			
Ethane	30.1	0.5720	0
3.40E-06*			
Ethylbenzene	106.2	0.8670	0
2.40E-06*			
Ethylene	62.0	0.9780	0
2.70E-04*			
Lead	207.2	11.3437	0
6.80E-05*			
Methyl Chloride	50.5	0.9159	0
1.00E-06*			
Methylcyclohexane	98.2	0.0000	0
4.10E-07*			
Methylcyclopentane	0.0	0.0000	0
1.10E-06*			
Methylenechloride	84.9	1.3266	0
1.70E-04*			
Nitrogen Oxide	30.0	0.0013	0
4.00E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.50E-03*			
Pentaerythritol tetranitrate (PETN)	316.2	1.7730	0
5.80E-04*			
PM10	0.0	0.0000	0
1.80E-01*			
Propane	44.1	0.5005	0
3.50E-06*			
Propene	42.1	0.5193	0
4.90E-05*			

Sulfur Dioxide	64.1	0.0029	0
4.00E-04*			
Styrene	104.2	0.9060	0
3.60E-06*			
Tetrachloroethylene	165.8	1.6227	0
2.40E-06*			
Toluene	92.2	0.8669	0
9.10E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
3.80E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
5.40E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
6.40E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
7.70E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
1.20E-04*			
Vinyl Chloride	62.5	0.9106	0
1.70E-06*			
cis-2-Pentene	70.1	0.6556	0
3.70E-07*			
i-Butene	56.1	0.0000	0
2.20E-05*			
i-Pentane	72.2	0.0000	0
9.70E-07*			
i-Propylbenzene	120.2	0.0000	0
9.20E-07*			
m-Ethyltoluene	135.2	0.9391	0
1.00E-06*			
n-Butane	58.1	0.6012	0
4.80E-06*			
n-Decane	142.3	0.7300	0
4.20E-06*			
n-Heptane	100.2	0.6840	0
1.50E-06*			
n-Hexane	86.1	0.6548	0
1.70E-06*			
n-Nonane	128.3	0.7176	0
1.30E-06*			
n-Octane	114.2	0.7025	0
1.20E-06*			
n-Pentane	72.2	0.6262	0
1.20E-06*			
p-Ethyltoluene	135.2	0.9391	0
2.30E-06*			
trans-2-Pentene	84.2	0.6942	0
6.40E-07*			
GGU-2/A Gas prss Prop. Act. Gen.	1000	1	58
1,3-Butadiene	54.1	0.6211	0
2.70E-05*			
1-Butene	56.1	0.5951	0
4.20E-05*			

1-Hexene	84.2	0.6731	0
1.20E-05*			
1-Pentene	70.1	0.6405	0
6.00E-06*			
Acetylene	26.0	0.6181	0
6.40E-04*			
Allyl Chloride	76.5	0.9376	0
1.10E-04*			
Aluminum	27.0	2.7020	0
5.40E-03*			
Benzene	78.1	0.8787	0
1.30E-04*			
CO	28.0	0.0013	0
2.80E-02*			
CO2	44.0	0.0020	0
4.50E-01*			
Cadmium	112.4	8.6420	0
1.00E-04*			
Chloroform	119.4	1.4832	0
2.60E-06*			
Chromium	52.0	7.2000	0
9.60E-05*			
Copper	63.5	8.9200	0
6.40E-04*			
Cyclopentene	68.1	0.8000	0
3.60E-06*			
Diethyl phthalate	182.1	1.3208	0
8.90E-04*			
Ethane	30.1	0.5720	0
3.00E-05*			
Ethyl chloride	64.5	0.8978	0
4.70E-06*			
Ethylbenzene	106.2	0.8670	0
1.20E-06*			
Ethylene	62.0	0.9780	0
6.10E-04*			
Lead	207.2	11.3437	0
3.70E-04*			
Methyl Chloride	50.5	0.9159	0
1.60E-05*			
Methylcyclopentane	0.0	0.0000	0
1.50E-06*			
Methylenechloride	84.9	1.3266	0
8.70E-04*			
Nitrogen Oxide	30.0	0.0013	0
1.60E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
2.40E-03*			
Pentaerythritol tetranitrate (PETN)	316.2	1.7730	0
4.90E-05*			
PM10	0.0	0.0000	0
9.30E-02*			
Propane	44.1	0.5005	0
7.70E-06*			

Propene	42.1	0.5193	0
7.20E-05*			
RDX	222.1	1.8200	0
1.40E-04*			
Sulfur Dioxide	64.1	0.0029	0
4.00E-04*			
Styrene	104.2	0.9060	0
8.30E-06*			
Tetrachloroethylene	165.8	1.6227	0
5.90E-06*			
Toluene	92.2	0.8669	0
1.30E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
4.30E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.40E-03*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
1.60E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.80E-03*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
1.50E-04*			
Vinyl Chloride	62.5	0.9106	0
4.40E-05*			
Zinc	65.4	7.1400	0
1.80E-04*			
cis-2-Pentene	70.1	0.6556	0
7.90E-07*			
i-Butane	58.1	0.0000	0
8.80E-07*			
i-Butene	56.1	0.0000	0
2.90E-06*			
i-Pentane	72.2	0.0000	0
5.90E-07*			
i-Propylbenzene	120.2	0.0000	0
1.20E-06*			
m-Ethyltoluene	135.2	0.9391	0
5.90E-07*			
n-Butane	58.1	0.6012	0
3.20E-06*			
n-Decane	142.3	0.7300	0
6.00E-07*			
n-Heptane	100.2	0.6840	0
8.00E-07*			
n-Hexane	86.1	0.6548	0
9.90E-07*			
n-Nonane	128.3	0.7176	0
5.90E-07*			
n-Octane	114.2	0.7025	0
1.20E-06*			
n-Pentane	72.2	0.6262	0
1.20E-06*			
p-Ethyltoluene	135.2	0.9391	0
3.80E-06*			

trans-2-Butene	125.0	1.1830	0
1.50E-05*			
trans-2-Pentene	84.2	0.6942	0
1.40E-06*			
Impulse Cartridge, MK107 MOD01	1000	1	53
1,3-Butadiene	54.1	0.6211	0
2.00E-06*			
1-Butene	56.1	0.5951	0
1.00E-05*			
1-Hexene	84.2	0.6731	0
7.10E-06*			
1-Pentene	70.1	0.6405	0
4.40E-06*			
Acetylene	26.0	0.6181	0
2.40E-04*			
Allyl Chloride	76.5	0.9376	0
5.10E-06*			
Aluminum	27.0	2.7020	0
9.50E-03*			
Barium	137.3	3.5100	0
1.60E-05*			
Benzene	78.1	0.8787	0
6.40E-05*			
CO	28.0	0.0013	0
1.40E-02*			
CO2	44.0	0.0020	0
8.50E-01*			
Cadmium	112.4	8.6420	0
1.40E-03*			
Chromium	52.0	7.2000	0
3.30E-05*			
Copper	63.5	8.9200	0
1.40E-03*			
Cyclopentene	68.1	0.8000	0
9.70E-07*			
Diethyl phthalate	182.1	1.3208	0
3.00E-04*			
Ethane	30.1	0.5720	0
1.60E-06*			
Ethylbenzene	106.2	0.8670	0
9.70E-07*			
Ethylene	62.0	0.9780	0
1.80E-04*			
Methyl Chloride	50.5	0.9159	0
9.60E-07*			
Methylcyclohexane	98.2	0.0000	0
5.20E-07*			
Methylcyclopentane	0.0	0.0000	0
5.30E-07*			
Methylenechloride	84.9	1.3266	0
2.30E-04*			
Nitrogen Oxide	30.0	0.0013	0
1.50E-02*			

Nitrogen Dioxide (peroxide) 6.10E-04*	46.0	1.4494	9360
Pentaerythritol tetranitrate (PETN) 5.10E-05*	316.2	1.7730	0
PM10 2.50E-01*	0.0	0.0000	0
Propane 1.40E-06*	44.1	0.5005	0
Propene 2.60E-05*	42.1	0.5193	0
RDX 1.70E-04*	222.1	1.8200	0
Sulfur Dioxide 2.60E-04*	64.1	0.0029	0
Styrene 9.40E-06*	104.2	0.9060	0
Toluene 9.00E-06*	92.2	0.8669	0
Total Alkanes (Paraffins) (e.g. Octa 6.90E-06*	114.0	0.7030	0
Total Alkenes (Olefins) (e.g. Ethyle 4.80E-04*	62.0	0.9780	0
Total Non-methane Hydrocarbons 6.40E-04*	0.0	0.0000	0
Total Unidentified Hydrocarbons 6.60E-05*	0.0	0.0000	0
Vinyl Chloride 2.40E-06*	62.5	0.9106	0
cis-2-Pentene 2.70E-07*	70.1	0.6556	0
i-Butane 1.10E-06*	58.1	0.0000	0
i-Butene 4.90E-06*	56.1	0.0000	0
i-Propylbenzene 5.20E-07*	120.2	0.0000	0
m-Ethyltoluene 6.60E-07*	135.2	0.9391	0
n-Butane 6.60E-07*	58.1	0.6012	0
n-Decane 2.60E-07*	142.3	0.7300	0
n-Heptane 1.00E-06*	100.2	0.6840	0
n-Hexane 5.30E-07*	86.1	0.6548	0
n-Nonane 5.20E-07*	128.3	0.7176	0
n-Octane 4.40E-07*	114.2	0.7025	0
n-Pentane 2.60E-07*	72.2	0.6262	0
p-Ethyltoluene 1.10E-06*	135.2	0.9391	0

trans-2-Butene	125.0	1.1830	0
8.40E-06*			
trans-2-Pentene	84.2	0.6942	0
2.60E-07*			
Ground Illum. Signal,Red Star,M158	1000	1	51
1,3-Butadiene	54.1	0.6211	0
1.20E-05*			
1-Butene	56.1	0.5951	0
2.30E-05*			
1-Hexene	84.2	0.6731	0
1.70E-05*			
1-Pentene	70.1	0.6405	0
1.00E-05*			
Acetylene	26.0	0.6181	0
2.70E-04*			
Allyl Chloride	76.5	0.9376	0
1.60E-05*			
Aluminum	27.0	2.7020	0
2.10E-03*			
Barium	137.3	3.5100	0
1.70E-04*			
Benzene	78.1	0.8787	0
3.00E-05*			
CO	28.0	0.0013	0
1.20E-02*			
CO2	44.0	0.0020	0
5.10E-01*			
Cadmium	112.4	8.6420	0
1.10E-03*			
Chromium	52.0	7.2000	0
1.50E-04*			
Diethyl phthalate	182.1	1.3208	0
7.70E-05*			
Ethane	30.1	0.5720	0
2.00E-05*			
Ethylbenzene	106.2	0.8670	0
7.00E-07*			
Ethylene	62.0	0.9780	0
2.30E-04*			
Methyl Chloride	50.5	0.9159	0
1.30E-06*			
Methylcyclohexane	98.2	0.0000	0
3.50E-07*			
Methylcyclopentane	0.0	0.0000	0
1.10E-06*			
Methylenechloride	84.9	1.3266	0
1.00E-04*			
Nitrogen Oxide	30.0	0.0013	0
2.60E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.50E-03*			
Pentaerythritol tetranitrate (PETN)	316.2	1.7730	0
8.40E-06*			

PM10	0.0	0.0000	0
8.20E-02*			
Propane	44.1	0.5005	0
4.80E-06*			
Propene	42.1	0.5193	0
5.60E-05*			
RDX	222.1	1.8200	0
5.50E-05*			
Sulfur Dioxide	64.1	0.0029	0
1.10E-04*			
Styrene	104.2	0.9060	0
2.20E-06*			
Toluene	92.2	0.8669	0
2.50E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
2.70E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
6.20E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
6.30E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
7.70E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
5.60E-05*			
Vinyl Chloride	62.5	0.9106	0
1.10E-06*			
cis-2-Pentene	70.1	0.6556	0
3.90E-07*			
i-Butane	58.1	0.0000	0
1.50E-06*			
i-Butene	56.1	0.0000	0
4.50E-06*			
m-Ethyltoluene	135.2	0.9391	0
3.50E-07*			
n-Butane	58.1	0.6012	0
1.20E-06*			
n-Decane	142.3	0.7300	0
5.80E-07*			
n-Heptane	100.2	0.6840	0
9.30E-07*			
n-Hexane	86.1	0.6548	0
1.10E-06*			
n-Nonane	128.3	0.7176	0
9.30E-07*			
n-Octane	114.2	0.7025	0
1.10E-06*			
n-Pentane	72.2	0.6262	0
5.80E-07*			
p-Ethyltoluene	135.2	0.9391	0
1.50E-06*			
trans-2-Butene	125.0	1.1830	0
5.40E-06*			
trans-2-Pentene	84.2	0.6942	0
8.20E-07*			

Fuze, Inertia Tail, Bomb, FMU 54A/B	1000	1	52	
1,3-Butadiene	54.1	0.6211		0
4.50E-06*				
1-Butene	56.1	0.5951		0
1.10E-05*				
1-Hexene	84.2	0.6731		0
7.20E-06*				
1-Pentene	70.1	0.6405		0
5.10E-06*				
Acetylene	26.0	0.6181		0
4.60E-04*				
Allyl Chloride	76.5	0.9376		0
1.50E-05*				
Aluminum	27.0	2.7020		0
1.20E-02*				
Benzene	78.1	0.8787		0
1.10E-04*				
CO	28.0	0.0013		0
1.80E-02*				
CO2	44.0	0.0020		0
9.40E-01*				
Cadmium	112.4	8.6420		0
3.10E-04*				
Chromium	52.0	7.2000		0
3.90E-05*				
Copper	63.5	8.9200		0
5.10E-04*				
Cyclopentene	68.1	0.8000		0
1.30E-06*				
Ethane	30.1	0.5720		0
1.10E-05*				
Ethylbenzene	106.2	0.8670		0
2.40E-06*				
Ethylene	62.0	0.9780		0
1.90E-04*				
Methyl Chloride	50.5	0.9159		0
3.10E-06*				
Methylcyclopentane	0.0	0.0000		0
3.00E-07*				
Methylenechloride	84.9	1.3266		0
7.40E-04*				
Nitrogen Oxide	30.0	0.0013		0
7.00E-03*				
Nitrogen Dioxide (peroxide)	46.0	1.4494		9360
2.50E-03*				
Pentaerythritol tetranitrate (PETN)	316.2	1.7730		0
9.60E-06*				
PM10	0.0	0.0000		0
3.30E-01*				
Propane	44.1	0.5005		0
1.50E-06*				
Propene	42.1	0.5193		0
4.30E-05*				

RDX	222.1	1.8200	0
9.00E-05*			
Sulfur Dioxide	64.1	0.0029	0
4.10E-04*			
Styrene	104.2	0.9060	0
7.80E-06*			
Toluene	92.2	0.8669	0
3.20E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
2.20E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
7.40E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
1.70E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
9.90E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
6.70E-05*			
Vinyl Chloride	62.5	0.9106	0
6.80E-07*			
cis-2-Pentene	70.1	0.6556	0
7.40E-07*			
i-Butane	58.1	0.0000	0
3.00E-07*			
i-Butene	56.1	0.0000	0
4.80E-06*			
i-Pentane	72.2	0.0000	0
2.70E-06*			
i-Propylbenzene	120.2	0.0000	0
3.00E-07*			
m-Ethyltoluene	135.2	0.9391	0
4.00E-07*			
n-Butane	58.1	0.6012	0
2.50E-06*			
n-Heptane	100.2	0.6840	0
5.90E-07*			
n-Hexane	86.1	0.6548	0
4.40E-07*			
n-Nonane	128.3	0.7176	0
1.20E-06*			
n-Octane	114.2	0.7025	0
4.00E-07*			
n-Pentane	72.2	0.6262	0
4.40E-07*			
n-Propylbenzene	120.2	0.8620	0
1.90E-06*			
p-Ethyltoluene	135.2	0.9391	0
1.70E-06*			
trans-2-Butene	125.0	1.1830	0
7.80E-06*			
trans-2-Pentene	84.2	0.6942	0
9.00E-07*			
Flare, Cntermeas., Aircraft, M206	1000	1	54

1,3-Butadiene	54.1	0.6211	0
3.00E-06*			
1-Butene	56.1	0.5951	0
8.10E-06*			
1-Hexene	84.2	0.6731	0
6.00E-06*			
1-Pentene	70.1	0.6405	0
3.50E-06*			
Acetylene	26.0	0.6181	0
2.90E-04*			
Allyl Chloride	76.5	0.9376	0
1.80E-05*			
Aluminum	27.0	2.7020	0
1.50E-02*			
Barium	137.3	3.5100	0
2.40E-04*			
Benzene	78.1	0.8787	0
4.50E-05*			
CO	28.0	0.0013	0
8.30E-03*			
CO2	44.0	0.0020	0
8.10E-01*			
Cadmium	112.4	8.6420	0
3.40E-05*			
Chromium	52.0	7.2000	0
1.60E-04*			
Cyclohexane	84.2	0.7781	0
3.30E-07*			
Cyclopentene	68.1	0.8000	0
7.90E-07*			
Ethane	30.1	0.5720	0
1.00E-06*			
Ethyl chloride	64.5	0.8978	0
3.10E-06*			
Ethylbenzene	106.2	0.8670	0
2.40E-06*			
Ethylene	62.0	0.9780	0
1.20E-04*			
Methyl Chloride	50.5	0.9159	0
1.00E-06*			
Methylcyclohexane	98.2	0.0000	0
3.40E-07*			
Methylcyclopentane	0.0	0.0000	0
3.40E-07*			
Methylenechloride	84.9	1.3266	0
4.10E-04*			
Nitrogen Oxide	30.0	0.0013	0
5.30E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
2.80E-03*			
Pentaerythritol tetranitrate (PETN)	316.2	1.7730	0
1.60E-06*			
PM10	0.0	0.0000	0
5.50E-01*			

Propane	44.1	0.5005	0
1.40E-06*			
Propene	42.1	0.5193	0
2.20E-05*			
RDX	222.1	1.8200	0
6.00E-05*			
Sulfur Dioxide	64.1	0.0029	0
1.00E-03*			
Styrene	104.2	0.9060	0
7.10E-06*			
Toluene	92.2	0.8669	0
2.80E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
9.90E-06*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
4.50E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
8.60E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
6.10E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
6.60E-05*			
Vinyl Chloride	62.5	0.9106	0
1.50E-06*			
cis-2-Pentene	70.1	0.6556	0
3.40E-07*			
i-Butane	58.1	0.0000	0
6.60E-07*			
i-Butene	56.1	0.0000	0
2.50E-06*			
i-Pentane	72.2	0.0000	0
3.40E-07*			
i-Propylbenzene	120.2	0.0000	0
8.50E-07*			
m-Ethyltoluene	135.2	0.9391	0
3.40E-07*			
n-Butane	58.1	0.6012	0
5.70E-07*			
n-Decane	142.3	0.7300	0
3.40E-07*			
n-Heptane	100.2	0.6840	0
4.50E-07*			
n-Hexane	86.1	0.6548	0
6.80E-07*			
n-Nonane	128.3	0.7176	0
6.80E-07*			
n-Octane	114.2	0.7025	0
6.70E-07*			
n-Pentane	72.2	0.6262	0
5.10E-07*			
p-Ethyltoluene	135.2	0.9391	0
5.10E-07*			
trans-2-Butene	125.0	1.1830	0
2.80E-06*			

Fuze, Bomb, Tail, FMU 139A/B	1000	1	58	
1,3-Butadiene	54.1	0.6211		0
2.10E-05*				
1-Butene	56.1	0.5951		0
1.60E-05*				
1-Hexene	84.2	0.6731		0
8.70E-06*				
1-Pentene	70.1	0.6405		0
6.10E-06*				
Acetylene	26.0	0.6181		0
6.20E-04*				
Allyl Chloride	76.5	0.9376		0
3.00E-05*				
Aluminum	27.0	2.7020		0
3.40E-02*				
Antimony	121.8	6.6840		0
2.20E-04*				
Benzene	78.1	0.8787		0
1.20E-04*				
CO	28.0	0.0013		0
2.30E-02*				
CO2	44.0	0.0020		0
1.40E+00*				
Cadmium	112.4	8.6420		0
2.30E-03*				
Carbon Tetrachloride	153.8	1.5940		0
2.70E-06*				
Chromium	52.0	7.2000		0
1.40E-04*				
Copper	63.5	8.9200		0
6.80E-03*				
Cyclohexane	84.2	0.7781		0
4.90E-07*				
Cyclopentene	68.1	0.8000		0
8.10E-07*				
Diethyl phthalate	182.1	1.3208		0
1.50E-03*				
Ethane	30.1	0.5720		0
9.80E-06*				
Ethylbenzene	106.2	0.8670		0
3.20E-06*				
Ethylene	62.0	0.9780		0
3.40E-04*				
Lead	207.2	11.3437		0
2.60E-03*				
Methyl Chloride	50.5	0.9159		0
4.70E-06*				
Methyl Chloroform	133.4	1.3390		0
1.60E-05*				
Methylcyclopentane	0.0	0.0000		0
4.90E-07*				
Methylenechloride	84.9	1.3266		0
1.10E-04*				

Nitrogen Oxide 9.90E-03*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 1.70E-02*	46.0	1.4494	9360
Pentaerythritol tetranitrate (PETN) 1.70E-05*	316.2	1.7730	0
PM10 6.00E-01*	0.0	0.0000	0
Propane 3.90E-06*	44.1	0.5005	0
Propene 5.90E-05*	42.1	0.5193	0
RDX 3.40E-04*	222.1	1.8200	0
Sulfur Dioxide 1.40E-03*	64.1	0.0029	0
Styrene 2.90E-05*	104.2	0.9060	0
Toluene 2.30E-05*	92.2	0.8669	0
Total Alkanes (Paraffins) (e.g. Octa 1.50E-05*	114.0	0.7030	0
Total Alkenes (Olefins) (e.g. Ethyle 1.10E-03*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 1.90E-04*	104.2	0.9060	0
Total Non-methane Hydrocarbons 1.40E-03*	0.0	0.0000	0
Total Unidentified Hydrocarbons 1.00E-04*	0.0	0.0000	0
Vinyl Chloride 1.80E-06*	62.5	0.9106	0
Zinc 6.20E-03*	65.4	7.1400	0
cis-2-Pentene 6.50E-07*	70.1	0.6556	0
i-Butane 2.30E-06*	58.1	0.0000	0
i-Butene 5.30E-06*	56.1	0.0000	0
i-Pentane 4.80E-07*	72.2	0.0000	0
m-Ethyltoluene 9.70E-07*	135.2	0.9391	0
n-Butane 2.40E-06*	58.1	0.6012	0
n-Decane 1.10E-06*	142.3	0.7300	0
n-Heptane 6.50E-07*	100.2	0.6840	0
n-Hexane 6.50E-07*	86.1	0.6548	0
n-Nonane 4.90E-07*	128.3	0.7176	0

n-Octane	114.2	0.7025	0
4.90E-07*			
n-Pentane	72.2	0.6262	0
9.70E-07*			
p-Ethyltoluene	135.2	0.9391	0
2.10E-06*			
trans-2-Butene	125.0	1.1830	0
1.30E-05*			
trans-2-Pentene	84.2	0.6942	0
1.90E-06*			
Signal,Illum,Arcrft,Rd Str,AN-M43A2	1000	1	54
1,3-Butadiene	54.1	0.6211	0
1.90E-06*			
1-Butene	56.1	0.5951	0
1.20E-05*			
1-Hexene	84.2	0.6731	0
9.50E-06*			
1-Pentene	70.1	0.6405	0
5.60E-06*			
Acetylene	26.0	0.6181	0
3.10E-04*			
Allyl Chloride	76.5	0.9376	0
1.80E-05*			
Aluminum	27.0	2.7020	0
1.90E-02*			
Barium	137.3	3.5100	0
1.10E-04*			
Benzene	78.1	0.8787	0
3.40E-05*			
CO	28.0	0.0013	0
2.20E-02*			
CO2	44.0	0.0020	0
1.10E+00*			
Cadmium	112.4	8.6420	0
8.80E-05*			
Chromium	52.0	7.2000	0
5.70E-05*			
Copper	63.5	8.9200	0
3.70E-04*			
Cyclopentene	68.1	0.8000	0
1.30E-06*			
Ethane	30.1	0.5720	0
9.00E-06*			
Ethylbenzene	106.2	0.8670	0
4.60E-07*			
Ethylene	62.0	0.9780	0
2.20E-04*			
Lead	207.2	11.3437	0
7.00E-05*			
Methyl Chloride	50.5	0.9159	0
1.70E-06*			
Methylcyclopentane	0.0	0.0000	0
3.50E-07*			

Methylenechloride	84.9	1.3266	0
8.10E-06*			
Nitrogen Oxide	30.0	0.0013	0
1.30E-02*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.10E-03*			
Pentaerythritol tetranitrate (PETN)	316.2	1.7730	0
1.20E-05*			
PM10	0.0	0.0000	0
4.50E-01*			
Propane	44.1	0.5005	0
2.60E-06*			
Propene	42.1	0.5193	0
3.50E-05*			
RDX	222.1	1.8200	0
1.90E-04*			
Sulfur Dioxide	64.1	0.0029	0
1.30E-02*			
Styrene	104.2	0.9060	0
4.50E-06*			
Toluene	92.2	0.8669	0
3.00E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
1.50E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
6.00E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
7.20E-05*			
Total HpCDD	0.0	0.0000	0
6.10E-10*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
7.40E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
6.10E-05*			
Vinyl Chloride	62.5	0.9106	0
2.30E-06*			
Zinc	65.4	7.1400	0
3.40E-04*			
cis-2-Pentene	70.1	0.6556	0
3.50E-07*			
i-Butane	58.1	0.0000	0
3.50E-07*			
i-Butene	56.1	0.0000	0
3.10E-06*			
i-Pentane	72.2	0.0000	0
3.50E-07*			
n-Butane	58.1	0.6012	0
2.20E-06*			
n-Decane	142.3	0.7300	0
5.20E-07*			
n-Heptane	100.2	0.6840	0
5.80E-07*			
n-Hexane	86.1	0.6548	0
8.10E-07*			

n-Nonane	128.3	0.7176	0
7.00E-07*			
n-Octane	114.2	0.7025	0
3.50E-07*			
n-Pentane	72.2	0.6262	0
5.80E-07*			
p-Ethyltoluene	135.2	0.9391	0
1.50E-06*			
trans-2-Butene	125.0	1.1830	0
7.80E-06*			
trans-2-Pentene	84.2	0.6942	0
4.60E-07*			
Detonating train	1000	1	50
1,3-Butadiene	54.1	0.6211	0
9.00E-06*			
1-Butene	56.1	0.5951	0
3.10E-05*			
1-Hexene	84.2	0.6731	0
2.40E-05*			
1-Pentene	70.1	0.6405	0
1.40E-05*			
Acetylene	26.0	0.6181	0
1.30E-04*			
Benzene	78.1	0.8787	0
2.50E-05*			
CO	28.0	0.0013	0
9.40E-03*			
CO2	44.0	0.0020	0
9.10E-01*			
Cadmium	112.4	8.6420	0
1.10E-05*			
Cyclohexane	84.2	0.7781	0
7.30E-07*			
Cyclopentane	70.1	0.7500	0
3.00E-07*			
Cyclopentene	68.1	0.8000	0
3.70E-06*			
Ethane	30.1	0.5720	0
4.40E-06*			
Ethyl chloride	64.5	0.8978	0
6.90E-07*			
Ethylbenzene	106.2	0.8670	0
6.00E-07*			
Ethylene	62.0	0.9780	0
3.90E-04*			
Lead	207.2	11.3437	0
1.80E-04*			
Methyl Chloride	50.5	0.9159	0
7.00E-07*			
Methylcyclopentane	0.0	0.0000	0
2.90E-07*			
Methylenechloride	84.9	1.3266	0
4.20E-05*			

Nitrogen Oxide 4.90E-03*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 4.40E-03*	46.0	1.4494	9360
Pentaerythritol tetranitrate (PETN) 5.60E-04*	316.2	1.7730	0
PM10 3.60E-02*	0.0	0.0000	0
Propane 4.70E-06*	44.1	0.5005	0
Propene 7.30E-05*	42.1	0.5193	0
RDX 7.40E-03*	222.1	1.8200	0
Sulfur Dioxide 4.60E-04*	64.1	0.0029	0
Styrene 4.10E-06*	104.2	0.9060	0
Tetrachloroethylene 1.10E-05*	165.8	1.6227	0
Toluene 4.20E-06*	92.2	0.8669	0
Total Alkanes (Paraffins) (e.g. Octa 2.80E-05*	114.0	0.7030	0
Total Alkenes (Olefins) (e.g. Ethyle 6.90E-04*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 3.90E-05*	104.2	0.9060	0
Total Non-methane Hydrocarbons 8.50E-04*	0.0	0.0000	0
Total Unidentified Hydrocarbons 9.60E-05*	0.0	0.0000	0
Vinyl Chloride 1.30E-06*	62.5	0.9106	0
cis-2-Pentene 3.90E-07*	70.1	0.6556	0
i-Butene 2.40E-05*	56.1	0.0000	0
m-Ethyltoluene 3.00E-07*	135.2	0.9391	0
n-Butane 3.10E-06*	58.1	0.6012	0
n-Decane 6.00E-07*	142.3	0.7300	0
n-Heptane 1.40E-06*	100.2	0.6840	0
n-Hexane 1.80E-06*	86.1	0.6548	0
n-Nonane 7.90E-07*	128.3	0.7176	0
n-Octane 1.50E-06*	114.2	0.7025	0
n-Pentane 1.00E-06*	72.2	0.6262	0

p-Ethyltoluene	135.2	0.9391	0
1.20E-06*			
trans-2-Butene	125.0	1.1830	0
4.00E-06*			
trans-2-Pentene	84.2	0.6942	0
8.80E-07*			
Mine, Claymore, M18A1	1000	1	50
1,3-Butadiene	54.1	0.6211	0
2.70E-06*			
1-Butene	56.1	0.5951	0
7.60E-06*			
1-Hexene	84.2	0.6731	0
2.40E-06*			
1-Pentene	70.1	0.6405	0
1.40E-06*			
Acetylene	26.0	0.6181	0
9.80E-04*			
Aluminum	27.0	2.7020	0
6.20E-03*			
Benzene	78.1	0.8787	0
8.10E-04*			
CO	28.0	0.0013	0
3.00E-02*			
CO2	44.0	0.0020	0
5.00E+00*			
Cadmium	112.4	8.6420	0
2.40E-04*			
Chromium	52.0	7.2000	0
3.80E-05*			
Copper	63.5	8.9200	0
4.70E-03*			
Cyclohexane	84.2	0.7781	0
1.30E-06*			
Cyclopentane	70.1	0.7500	0
7.20E-07*			
Cyclopentene	68.1	0.8000	0
4.90E-07*			
Ethane	30.1	0.5720	0
5.30E-06*			
Ethylbenzene	106.2	0.8670	0
3.80E-05*			
Ethylene	62.0	0.9780	0
2.40E-04*			
Methyl Chloride	50.5	0.9159	0
4.40E-06*			
Methyl chloroform	133.4	1.3390	0
2.30E-06*			
Methylcyclohexane	98.2	0.0000	0
5.30E-06*			
Methylcyclopentane	0.0	0.0000	0
1.60E-06*			
Methylenechloride	84.9	1.3266	0
1.10E-04*			

PM10	0.0	0.0000	0
2.30E-01*			
Propane	44.1	0.5005	0
3.60E-06*			
Propene	42.1	0.5193	0
2.40E-05*			
RDX	222.1	1.8200	0
9.90E-06*			
Styrene	104.2	0.9060	0
1.70E-03*			
Titanium	47.9	4.5000	0
1.30E-04*			
Toluene	92.2	0.8669	0
2.50E-04*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
7.10E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.30E-03*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
3.00E-03*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
4.90E-03*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
4.90E-04*			
Vinyl Chloride	62.5	0.9106	0
1.10E-06*			
Zinc	65.4	7.1400	0
1.60E-03*			
i-Butane	58.1	0.0000	0
7.30E-07*			
i-Butene	56.1	0.0000	0
3.70E-06*			
i-Pentane	72.2	0.0000	0
3.90E-06*			
m-Ethyltoluene	135.2	0.9391	0
5.60E-06*			
n-Butane	58.1	0.6012	0
1.80E-06*			
n-Decane	142.3	0.7300	0
1.00E-05*			
n-Heptane	100.2	0.6840	0
3.70E-06*			
n-Hexane	86.1	0.6548	0
1.30E-06*			
n-Nonane	128.3	0.7176	0
1.30E-06*			
n-Octane	114.2	0.7025	0
7.20E-06*			
n-Pentane	72.2	0.6262	0
9.10E-06*			
p-Ethyltoluene	135.2	0.9391	0
1.70E-05*			
trans-2-Butene	125.0	1.1830	0
1.80E-05*			

T45E7 Adapter Booster	1000	1	53	
1,3-Butadiene	54.1	0.6211		0
2.30E-05*				
1-Butene	56.1	0.5951		0
4.90E-05*				
1-Hexene	84.2	0.6731		0
2.90E-05*				
1-Pentene	70.1	0.6405		0
1.90E-05*				
Acetylene	26.0	0.6181		0
5.20E-04*				
Aluminum	27.0	2.7020		0
8.80E-03*				
Barium	137.3	3.5100		0
6.10E-04*				
Benzene	78.1	0.8787		0
1.30E-04*				
CO	28.0	0.0013		0
2.90E-02*				
CO2	44.0	0.0020		0
4.80E+00*				
Cadmium	112.4	8.6420		0
5.80E-03*				
Carbon Tetrachloride	153.8	1.5940		0
3.20E-06*				
Chromium	52.0	7.2000		0
9.40E-05*				
Copper	63.5	8.9200		0
2.70E-03*				
Cyclohexane	84.2	0.7781		0
2.30E-06*				
Cyclopentane	70.1	0.7500		0
5.80E-07*				
Cyclopentene	68.1	0.8000		0
3.70E-06*				
Ethane	30.1	0.5720		0
2.50E-05*				
Ethylbenzene	106.2	0.8670		0
9.20E-06*				
Ethylene	62.0	0.9780		0
5.70E-04*				
Lead	207.2	11.3437		0
1.80E-04*				
Methyl Chloride	50.5	0.9159		0
2.20E-06*				
Methylcyclohexane	98.2	0.0000		0
2.90E-06*				
Methylcyclopentane	0.0	0.0000		0
2.90E-06*				
Methylenechloride	84.9	1.3266		0
5.00E-04*				
PM10	0.0	0.0000		0
2.60E-01*				

Propane	44.1	0.5005	0
1.10E-05*			
Propene	42.1	0.5193	0
1.60E-04*			
RDX	222.1	1.8200	0
2.40E-04*			
Styrene	104.2	0.9060	0
1.20E-04*			
Titanium	47.9	4.5000	0
8.70E-05*			
Toluene	92.2	0.8669	0
5.20E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
8.70E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.40E-03*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
3.60E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.90E-03*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
3.10E-04*			
Zinc	65.4	7.1400	0
2.90E-03*			
cis-2-Pentene	70.1	0.6556	0
2.70E-06*			
i-Butane	58.1	0.0000	0
1.70E-06*			
i-Butene	56.1	0.0000	0
3.10E-05*			
i-Pentane	72.2	0.0000	0
6.20E-06*			
m-Ethyltoluene	135.2	0.9391	0
2.50E-06*			
n-Butane	58.1	0.6012	0
9.10E-06*			
n-Decane	142.3	0.7300	0
1.20E-06*			
n-Heptane	100.2	0.6840	0
3.30E-06*			
n-Hexane	86.1	0.6548	0
5.80E-06*			
n-Nonane	128.3	0.7176	0
1.40E-06*			
n-Octane	114.2	0.7025	0
1.80E-06*			
n-Pentane	72.2	0.6262	0
5.00E-06*			
p-Ethyltoluene	135.2	0.9391	0
1.10E-05*			
trans-2-Butene	125.0	1.1830	0
2.00E-05*			
trans-2-Pentene	84.2	0.6942	0
4.10E-06*			

20 mm HEI Cartridge	1000	1	50	
1,3-Butadiene	54.1	0.6211		0
5.10E-06*				
1-Butene	56.1	0.5951		0
2.40E-05*				
1-Hexene	84.2	0.6731		0
4.40E-06*				
1-Pentene	70.1	0.6405		0
3.50E-06*				
Acetylene	26.0	0.6181		0
1.80E-04*				
Aluminum	27.0	2.7020		0
9.60E-04*				
Benzene	78.1	0.8787		0
1.10E-04*				
CO	28.0	0.0013		0
1.10E-01*				
CO2	44.0	0.0020		0
2.10E+00*				
Cadmium	112.4	8.6420		0
8.60E-04*				
Carbon Tetrachloride	153.8	1.5940		0
7.60E-06*				
Chromium	52.0	7.2000		0
3.50E-05*				
Copper	63.5	8.9200		0
2.60E-02*				
Cyclohexane	84.2	0.7781		0
6.90E-07*				
Cyclopentane	70.1	0.7500		0
7.00E-07*				
Ethane	30.1	0.5720		0
9.40E-05*				
Ethylbenzene	106.2	0.8670		0
4.60E-06*				
Ethylene	62.0	0.9780		0
2.90E-04*				
Lead	207.2	11.3437		0
7.00E-04*				
Methyl Chloride	50.5	0.9159		0
1.30E-06*				
Methyl chloroform	133.4	1.3390		0
3.30E-06*				
Methylcyclohexane	98.2	0.0000		0
2.80E-06*				
Methylcyclopentane	0.0	0.0000		0
2.80E-06*				
Methylenechloride	84.9	1.3266		0
4.50E-04*				
Propane	44.1	0.5005		0
1.30E-05*				
Propene	42.1	0.5193		0
5.10E-05*				

RDX	222.1	1.8200	0
1.20E-05*			
Styrene	104.2	0.9060	0
3.60E-06*			
Toluene	92.2	0.8669	0
3.00E-05*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
1.70E-04*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
5.80E-04*			
Total Aromatics (e.g. Styrene)	104.2	0.9060	0
2.10E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.20E-03*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
2.20E-04*			
Zinc	65.4	7.1400	0
1.60E-02*			
cis-2-Pentene	70.1	0.6556	0
6.80E-07*			
i-Butane	58.1	0.0000	0
1.40E-06*			
i-Butene	56.1	0.0000	0
2.20E-05*			
i-Pentane	72.2	0.0000	0
1.20E-05*			
m-Ethyltoluene	135.2	0.9391	0
3.70E-06*			
n-Butane	58.1	0.6012	0
7.40E-06*			
n-Decane	142.3	0.7300	0
6.50E-06*			
n-Heptane	100.2	0.6840	0
5.30E-06*			
n-Hexane	86.1	0.6548	0
3.50E-06*			
n-Nonane	128.3	0.7176	0
6.90E-07*			
n-Octane	114.2	0.7025	0
9.50E-06*			
n-Pentane	72.2	0.6262	0
1.30E-05*			
p-Ethyltoluene	135.2	0.9391	0
1.40E-05*			
trans-2-Butene	125.0	1.1830	0
9.50E-06*			
trans-2-Pentene	84.2	0.6942	0
1.40E-06*			
40 mm HEI Cartridge	1000	1	49
1,3-Butadiene	54.1	0.6211	0
5.10E-06			
1-Butene	56.1	0.5951	0
2.40E-05			

1-Hexene 4.40E-06	84.2	0.6731	0
1-Pentene 3.50E-06	70.1	0.6405	0
Acetylene 4.20E-05*	26.0	0.6181	0
Aluminum 1.50E-02*	27.0	2.7020	0
Benzene 2.80E-05*	78.1	0.8787	0
CO 2.10E-02*	28.0	0.0013	0
CO2 2.10E-01*	44.0	0.0020	0
Cadmium 3.20E-05*	112.4	8.6420	0
Carbon Tetrachloride 4.50E-06*	153.8	1.5940	0
Chromium 8.80E-05*	52.0	7.2000	0
Copper 8.90E-03*	63.5	8.9200	0
Cyclohexane 7.50E-06*	84.2	0.7781	0
Cyclopentane 1.70E-06*	70.1	0.7500	0
Cyclopentene 8.30E-07*	68.1	0.8000	0
Ethane 3.00E-05*	30.1	0.5720	0
Ethylbenzene 2.50E-06*	106.2	0.8670	0
Ethylene 8.10E-05*	62.0	0.9780	0
Lead 3.70E-04*	207.2	11.3437	0
Methylcyclohexane 2.50E-06*	98.2	0.0000	0
Methylcyclopentane 9.10E-06*	0.0	0.0000	0
Methylenechloride 8.70E-04*	84.9	1.3266	0
PM10 4.70E-01*	0.0	0.0000	0
Propane 3.80E-06*	44.1	0.5005	0
Propene 1.60E-05*	42.1	0.5193	0
RDX 3.70E-05*	222.1	1.8200	0
Styrene 4.20E-05*	104.2	0.9060	0
Toluene 2.60E-05*	92.2	0.8669	0

Total Alkanes (Paraffins) (e.g. Octa 1.60E-04*	114.0	0.7030	0
Total Alkenes (Olefins) (e.g. Ethyle 1.50E-04*	62.0	0.9780	0
Total Aromatics (e.g. Styrene) 1.00E-04*	104.2	0.9060	0
Total Non-methane Hydrocarbons 3.30E-04*	0.0	0.0000	0
Total Unidentified Hydrocarbons 1.90E-04*	0.0	0.0000	0
Zinc 1.10E-03*	65.4	7.1400	0
cis-2-Pentene 8.30E-07*	70.1	0.6556	0
i-Butane 1.60E-06*	58.1	0.0000	0
i-Butene 8.80E-06*	56.1	0.0000	0
i-Pentane 9.10E-06*	72.2	0.0000	0
n-Butane 1.40E-06*	58.1	0.6012	0
n-Decane 5.20E-06*	142.3	0.7300	0
n-Heptane 5.00E-06*	100.2	0.6840	0
n-Hexane 1.90E-05*	86.1	0.6548	0
n-Nonane 1.90E-06*	128.3	0.7176	0
n-Octane 3.60E-06*	114.2	0.7025	0
n-Pentane 1.30E-05*	72.2	0.6262	0
p-Ethyltoluene 5.20E-06*	135.2	0.9391	0
trans-2-Butene 1.90E-06*	125.0	1.1830	0
trans-2-Pentene 5.00E-06*	84.2	0.6942	0
Propellant, ammonium perc., alum.	1000	1	18
Acetylene 1.00E-05*	26.0	0.6181	0
Aluminum 1.10E-02*	27.0	2.7020	0
Barium 1.00E-05*	137.3	3.5100	0
Cl2 4.60E-03*	70.9	3.2140	0
CO 2.00E-02*	28.0	0.0013	0
CO2 3.20E-01*	44.0	0.0020	0

Chromium 1.00E-05*	52.0	7.2000	0
HCL 2.10E-01*	36.5	1.1870	0
Lead 4.00E-05*	207.2	11.3437	0
Nitrogen Oxide 1.90E-03*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 1.40E-04*	46.0	1.4494	9360
PM10 4.20E-01*	0.0	0.0000	0
Sulfur Dioxide 5.00E-05*	64.1	0.0029	0
Total Alkenes (Olefins) (e.g. Ethyle) 2.00E-05*	62.0	0.9780	0
Total Non-methane Hydrocarbons 5.00E-05*	0.0	0.0000	0
Total Unidentified Hydrocarbons 2.50E-05*	0.0	0.0000	0
Zinc 4.00E-05*	65.4	7.1400	0
i-Butene 1.00E-05*	56.1	0.0000	0
Propellant, ammonium perc., nonal.	1000	1	14
2-Chlorophenol 1.00E-05*	128.6	1.2634	0
Cl2 9.20E-03*	70.9	3.2140	0
CO 1.40E-04*	28.0	0.0013	0
CO2 3.70E-01*	44.0	0.0020	0
Chromium 1.00E-05*	52.0	7.2000	0
Copper 8.00E-05*	63.5	8.9200	0
HCL 2.15E-01*	36.5	1.1870	0
Nitrogen Oxide 4.00E-03*	30.0	0.0013	0
Nitrogen Dioxide (peroxide) 2.40E-03*	46.0	1.4494	9360
PM10 1.50E-02*	0.0	0.0000	0
Sulfur Dioxide 1.10E-04*	64.1	0.0029	0
Total Alkenes (Olefins) (e.g. Ethyle) 1.00E-05*	62.0	0.9780	0
Total Non-methane Hydrocarbons 4.00E-05*	0.0	0.0000	0
Total Unidentified Hydrocarbons 2.50E-05*	0.0	0.0000	0
Propellant, M-3	1000	1	37

1-Hexane	86.2	0.6603	0
1.80E-07*			
1-Pentene	70.1	0.6405	0
1.60E-07*			
Acetylene	26.0	0.6181	0
1.30E-05*			
Aluminum	27.0	2.7020	0
5.10E-06*			
Benzene	78.1	0.8787	0
1.00E-05*			
CO	28.0	0.0013	0
1.40E-02*			
CO2	44.0	0.0020	0
1.20E+00*			
Copper	63.5	8.9200	0
4.40E-06*			
Cyclohexane	84.2	0.7781	0
1.65E-07*			
Ethane	30.1	0.5720	0
1.30E-06*			
Ethylbenzene	106.2	0.8670	0
2.60E-07*			
Ethylene	28.1	0.0013	0
7.80E-06*			
Methylchloride	50.5	0.9159	0
1.40E-07*			
Methylcyclohexane	98.2	0.0000	0
5.80E-08*			
Methylcyclopentane	0.0	0.0000	0
2.50E-06*			
Methylenechloride	84.9	1.3266	0
2.30E-05*			
Propane	44.1	0.5005	0
5.00E-07*			
Propene	42.1	0.5193	0
2.00E-06*			
PM10	0.0	0.0000	0
8.60E-03*			
Toluene	92.2	0.8669	0
1.80E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
2.60E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
2.90E-05*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
1.40E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
9.30E-05*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
2.40E-05*			
i-Butene	56.1	0.0000	0
7.90E-07*			
i-Pentane	72.2	0.0000	0
3.00E-08*			

m-Ethyltoluene	135.2	0.9391	0
9.70E-08*			
n-Butane	58.1	0.6012	0
1.50E-07*			
n-Decane	142.3	0.7300	0
5.90E-07*			
n-Heptane	100.2	0.6840	0
3.10E-07*			
n-Hexane	86.1	0.6548	0
1.90E-05*			
n-Nonane	128.3	0.7176	0
1.20E-07*			
n-Octane	114.2	0.7025	0
4.30E-07*			
n-Pentane	72.2	0.6262	0
8.60E-07*			
p-Ethyltoluene	135.2	0.9391	0
9.80E-07*			
trans-2-Butene	125.0	1.1830	0
1.90E-07*			
Propellant, M-43	1000	1	34
1,3-Butadiene	54.1	0.6211	0
9.10E-08*			
1-Butene	56.1	0.5951	0
2.70E-07*			
1-Pentene	70.1	0.6405	0
9.10E-08*			
Acetylene	26.0	0.6181	0
5.90E-06*			
Benzene	78.1	0.8787	0
1.70E-06*			
CO	28.0	0.0013	0
6.60E-04*			
CO2	44.0	0.0020	0
7.70E-01*			
Cyclohexane	84.2	0.7781	0
9.10E-08*			
Cyclopentene	68.1	0.8000	0
9.10E-08*			
Ethane	30.1	0.5720	0
1.80E-07*			
Ethylene	28.1	0.0013	0
4.80E-06*			
HCL	36.5	1.1870	0
1.00E-03*			
Nitrogen Oxide	30.0	0.0013	0
6.30E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
4.70E-04*			
Propene	42.1	0.5193	0
1.10E-06*			
PM10	0.0	0.0000	0
1.20E-03*			

Sulfur Dioxide	64.1	0.0029	0
1.20E-04*			
Toluene	92.2	0.8669	0
5.40E-07*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
5.40E-07*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.30E-05*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
2.80E-06*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
4.10E-05*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
2.50E-05*			
cis-2-Pentene	70.1	0.6556	0
9.10E-08*			
i-Butene	56.1	0.0000	0
5.40E-07*			
i-Pentane	72.2	0.0000	0
9.10E-08*			
n-Butane	58.1	0.6012	0
9.10E-08*			
n-Decane	142.3	0.7300	0
8.20E-07*			
n-Heptane	100.2	0.6840	0
9.10E-08*			
n-Hexane	86.1	0.6548	0
9.10E-08*			
n-Octane	114.2	0.7025	0
9.10E-08*			
n-Pentane	72.2	0.6262	0
8.60E-07*			
p-Ethyltoluene	135.2	0.9391	0
1.80E-07*			
trans-2-Butene	125.0	1.1830	0
1.80E-07*			
Propellant, M-9	1000	1	24
1-Butene	56.1	0.5951	0
2.60E-07*			
1-Hexane	86.2	0.6603	0
2.10E-07*			
1-Pentene	70.1	0.6405	0
4.30E-08*			
Acetylene	26.0	0.6181	0
9.00E-06*			
Benzene	78.1	0.8787	0
3.20E-06*			
CO	28.0	0.0013	0
2.70E-03*			
CO2	44.0	0.0020	0
9.40E-01*			
Carbon Tetrachloride	153.8	1.5940	0
2.30E-07*			

Copper	63.5	8.9200	0
6.50E-06*			
Cyclopentane	70.1	0.7500	0
4.30E-08*			
Ethane	30.1	0.5720	0
5.60E-07*			
Ethylene	28.1	0.0013	0
6.50E-06*			
Methylchloride	50.5	0.9159	0
1.50E-07*			
Propene	42.1	0.5193	0
7.30E-07*			
PM10	0.0	0.0000	0
1.60E-02*			
Styrene	104.2	0.9060	0
4.70E-07*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.70E-05*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
5.40E-06*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.50E-05*			
i-Butane	58.1	0.0000	0
4.30E-08*			
i-Butene	56.1	0.0000	0
2.60E-07*			
m-Ethyltoluene	135.2	0.9391	0
4.30E-08*			
n-Butane	58.1	0.6012	0
4.30E-08*			
p-Ethyltoluene	135.2	0.9391	0
4.00E-06*			
Propellant, MK-23	1000	1	20
1,3-Butadiene	54.1	0.6211	0
2.00E-07*			
1-Butene	56.1	0.5951	0
5.90E-07*			
Acetylene	26.0	0.6181	0
5.50E-06*			
CO	28.0	0.0013	0
2.70E-04*			
CO2	44.0	0.0020	0
5.40E-01*			
Carbon Tetrachloride	153.8	1.5940	0
1.10E-06*			
Chloroform	119.4	1.4832	0
4.20E-07*			
Ethylene	28.1	0.0013	0
9.80E-07*			
HCL	36.5	1.1870	0
1.90E-03*			
Methylchloride	50.5	0.9159	0
7.10E-07*			

Methylenechloride	84.9	1.3266	0
6.00E-07*			
Propane	44.1	0.5005	0
4.90E-07*			
Propene	42.1	0.5193	0
1.70E-06*			
PM10	0.0	0.0000	0
5.90E-02*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.10E-05*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
2.90E-06*			
Vinyl Chloride	62.5	0.9106	0
1.50E-06*			
i-Butene	56.1	0.0000	0
4.90E-07*			
m-Ethyltoluene	135.2	0.9391	0
3.00E-07*			
trans-2-Butene	125.0	1.1830	0
2.00E-07*			
Propellant, M31A1E1	1000	1	10
CO	28.0	0.0013	0
1.30E-04*			
CO2	44.0	0.0020	0
5.90E-01*			
Copper	63.5	8.9200	0
1.00E-05*			
Nitrogen Oxide	30.0	0.0013	0
1.20E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.00E-04*			
PM10	0.0	0.0000	0
9.10E-01*			
Sulfur Dioxide	64.1	0.0029	0
1.20E-03*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
5.00E-05*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.00E-04*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
2.00E-05*			
Propellant, PBXN-110	1000	1	31
1,3-Butadiene	54.1	0.6211	0
5.00E-07*			
1-Butene	56.1	0.5951	0
6.00E-07*			
1-Pentene	70.1	0.6405	0
1.00E-07*			
Acetylene	26.0	0.6181	0
3.10E-06*			
Benzene	78.1	0.8787	0
4.90E-06*			
CO	28.0	0.0013	0
1.20E-03*			

CO2	44.0	0.0020	0
1.00E+00*			
Cyclopentene	68.1	0.8000	0
1.00E-07*			
Ethane	30.1	0.5720	0
1.00E-06*			
Ethylbenzene	106.2	0.8670	0
8.00E-07*			
Ethylene	28.1	0.0013	0
6.70E-06*			
HCL	36.5	1.1870	0
1.80E-04*			
Methylchloride	50.5	0.9159	0
1.80E-07*			
Nitrogen Oxide	30.0	0.0013	0
2.60E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
2.80E-04*			
Propane	44.1	0.5005	0
3.00E-07*			
Propene	42.1	0.5193	0
3.00E-06*			
PM10	0.0	0.0000	0
4.90E-01*			
Sulfur Dioxide	64.1	0.0029	0
3.50E-04*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.60E-05*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
7.10E-06*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
5.10E-05*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
4.40E-05*			
Vinyl Chloride	62.5	0.9106	0
2.20E-07*			
i-Butene	56.1	0.0000	0
1.30E-06*			
m-Ethyltoluene	135.2	0.9391	0
2.00E-07*			
n-Butane	58.1	0.6012	0
1.00E-07*			
n-Decane	142.3	0.7300	0
1.30E-06*			
n-Nonane	128.3	0.7176	0
2.00E-07*			
p-Ethyltoluene	135.2	0.9391	0
4.30E-07*			
trans-2-Butene	125.0	1.1830	0
4.00E-07*			
Propellant, Smokey Sam	1000	1	38
1,3-Butadiene	54.1	0.6211	0
1.20E-06*			

1-Butene	56.1	0.5951	0
1.20E-06*			
Acetylene	26.0	0.6181	0
8.30E-04*			
Benzene	78.1	0.8787	0
6.60E-05*			
CO	28.0	0.0013	0
7.20E-02*			
CO2	44.0	0.0020	0
4.20E-01*			
Cyclohexane	84.2	0.7781	0
1.20E-06*			
Ethylbenzene	106.2	0.8670	0
1.20E-06*			
Ethylene	28.1	0.0013	0
7.20E-05*			
HCL	36.5	1.1870	0
2.90E-02*			
Methylchloride	50.5	0.9159	0
5.70E-06*			
Methylcyclohexane	98.2	0.0000	0
7.80E-07*			
Methylcyclopentane	0.0	0.0000	0
1.60E-06*			
Methylenechloride	84.9	1.3266	0
1.20E-06*			
Nitrogen Oxide	30.0	0.0013	0
1.10E-02*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
2.70E-04*			
Propane	44.1	0.5005	0
1.60E-06*			
Propene	42.1	0.5193	0
2.70E-06*			
PM10	0.0	0.0000	0
2.60E-01*			
Sulfur Dioxide	64.1	0.0029	0
1.50E-04*			
Toluene	92.2	0.8669	0
8.60E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
2.30E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
9.10E-04*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
1.00E-04*			
Total Non-methane Hydrocarbons	0.0	0.0000	0
1.10E-03*			
Total Unidentified Hydrocarbons	0.0	0.0000	0
7.50E-05*			
Vinyl Chloride	62.5	0.9106	0
8.80E-07*			
i-Butene	56.1	0.0000	0
2.40E-06*			

i-Pentane	72.2	0.0000	0
7.80E-07*			
m-Ethyltoluene	135.2	0.9391	0
2.00E-06*			
n-Decane	142.3	0.7300	0
5.90E-06*			
n-Heptane	100.2	0.6840	0
2.00E-06*			
n-Hexane	86.1	0.6548	0
2.70E-06*			
n-Nonane	128.3	0.7176	0
1.20E-06*			
n-Octane	114.2	0.7025	0
1.20E-06*			
n-Pentane	72.2	0.6262	0
7.80E-07*			
p-Ethyltoluene	135.2	0.9391	0
7.10E-06*			
trans-2-Butene	125.0	1.1830	0
2.40E-06*			
Smokeless Powder	1000	1	24
Acetylene	26.0	0.6181	0
1.20E-06*			
Benzene	78.1	0.8787	0
1.20E-06*			
CO	28.0	0.0013	0
1.60E-03*			
CO2	44.0	0.0020	0
8.70E-01*			
Cyclohexane	84.2	0.7781	0
4.80E-07*			
Ethylene	28.1	0.0013	0
2.40E-07*			
Methylcyclohexane	98.2	0.0000	0
4.80E-07*			
Methylcyclopentane	0.0	0.0000	0
7.20E-07*			
Methylenechloride	84.9	1.3266	0
7.20E-07*			
Propane	44.1	0.5005	0
2.40E-07*			
Propene	42.1	0.5193	0
2.40E-07*			
PM10	0.0	0.0000	0
1.80E-03*			
Sulfur Dioxide	64.1	0.0029	0
6.10E-04*			
Toluene	92.2	0.8669	0
3.40E-06*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
6.70E-06*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
2.20E-06*			

Total Aromatics (e.g. styrene)	104.2	0.9060	0
6.20E-06*			
i-Butene	56.1	0.0000	0
9.60E-07*			
i-Pentane	72.2	0.0000	0
2.60E-06*			
n-Butane	58.1	0.6012	0
4.80E-07*			
n-Heptane	100.2	0.6840	0
7.20E-07*			
n-Hexane	86.1	0.6548	0
9.60E-07*			
n-Pentane	72.2	0.6262	0
9.60E-07*			
p-Ethyltoluene	135.2	0.9391	0
4.80E-07*			
Propellant, Composite (MK-6)	1000	1	13
Acetylene	26.0	0.6181	0
2.10E-05*			
Barium	137.3	3.5100	0
1.60E-06*			
Benzene	78.1	0.8787	0
5.70E-05*			
CO	28.0	0.0013	0
4.20E-03*			
CO2	44.0	0.0020	0
4.20E-01*			
Chromium	52.0	7.2000	0
4.80E-05*			
HCL	36.5	1.1870	0
9.40E-02*			
Nitrogen Oxide	30.0	0.0013	0
2.10E-03*			
Nitrogen Dioxide (peroxide)	46.0	1.4494	9360
1.00E-03*			
Sulfur Dioxide	64.1	0.0029	0
1.10E-03*			
Total Alkanes (Paraffins) (e.g. Octa	114.0	0.7030	0
5.90E-05*			
Total Alkenes (Olefins) (e.g. Ethyle	62.0	0.9780	0
1.00E-04*			
Total Aromatics (e.g. styrene)	104.2	0.9060	0
1.60E-04*			