

Vermont has monitoring data for 21 of the 34 NATA HAPs listed below. Of the 21, all values reported for 4 pollutants were below the method detection limit. The metals monitoring data are from the first 5 months of 1999. See notes at the bottom of the table for a more detailed explanation.

The 34 National-Scale Air Toxics Assessment Pollutants

Pollutant	CAS #	Monitoring Data?
Acrolein	107-02-8	No - Method Invalid
Acetaldehyde	75-07-0	Yes – Valid Data
Acrylonitrile	107-13-1	Yes – Valid Data – See note
Arsenic Cmpds	1-1	Yes – Valid Data – See note
Benzene	71-43-2	Yes – Valid Data
Beryllium Cmpds	1-2	Yes – Valid Data – See note
1,3-butadiene	106-99-0	Yes – Valid Data – See note
Cadmium Cmpds		No - Non-detect
Carbon tetrachloride	56-23-5	Yes – Valid Data
Chloroform	67-66-3	Yes – Valid Data
Chromium Cmpds	1-5	Yes – Valid Data – See note
Coke Oven Emissions		No – Not monitored
1,3-Dichloropropene	542-75-6	No – Not monitored
Diesel PM		See note
Ethylene dibromide	106-93-4	Yes – All Non-detect
Ethylene dichloride	107-06-2	Yes – All Non-detect
Ethylene oxide	75-21-8	No – Not monitored
Formaldehyde	50-00-0	Yes – Valid Data
Hexachlorobenzene	118-74-1	No – Not monitored
Hydrazine	302-01-2	No – Not monitored
Lead Cmpds	2-6	Yes – Valid Data – See note
Manganese Cmpds	2-7	Yes – Valid Data – See note
Mercury Cmpds		Yes – Valid Data – See note
Methylene Chloride	75-09-2	Yes – Valid Data
Nickel Cmpds	1-7	Yes – Valid Data – See note
Perchloroethylene	127-18-4	Yes – Valid Data
Polycyclic Organic Matter		No – Not monitored
Polychlorinated Biphenyls	1336-39-3	??
Polycyclic Aromatic Hydrocarbons (7-PAH)		No – Not monitored
Propylene dichloride	78-87-5	No – Not monitored
Quinoline	91-22-5	No – Not monitored
1,1,2,2-Tetrachloroethane	79-34-5	Yes- All Non-detect
Trichloroethylene	79-01-6	Yes – Valid Data – See note
Vinyl chloride	75-01-4	Yes- All Non-detect

Note – All metals data is from the first 5 months of 1999.

Acrolein – data are not credible, method unreliable

Acrylonitrile – not monitored in 1996, compared to valid 1999 data

1,3-butadiene – All non-detect in 1996, compared to valid

Diesel PM – Compared to a 1999 carbon black value which should be ~ 30% less than diesel PM

Mercury – Atmospheric Hg monitored at Underhill only

Trichloroethylene – Non-detect at all sites except Winooski in 1996