

# Volatile Organic Compounds (VOC) Air Sampling Analysis Results

Collection Date: 9/20/01 • Units: ppb v/v

| Contaminant                   | Queens<br>Broadway Ave<br>& 31 <sup>st</sup> St | Bronx<br>138 <sup>th</sup> St &<br>3 <sup>rd</sup> Ave | Manhattan<br>Central Park N.<br>& Lenox | Brooklyn<br>Berry St &<br>North 11 <sup>th</sup> St | Brooklyn<br>Atlantic Ave &<br>Smith St | Staten Island<br>Bay St &<br>Victory Blvd |
|-------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------|-----------------------------------------------------|----------------------------------------|-------------------------------------------|
| Dichlorodifluoromethane       | 0.65                                            | 0.70                                                   | 1.56                                    | 1.91                                                | 1.92                                   | 0.72                                      |
| Chloromethane                 | 0.36                                            | 0.634                                                  | 0.91                                    | 1.19                                                | 1.38                                   | 0.40                                      |
| 1,2-Dichlorotetrafluoroethane | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Vinyl Chloride                | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Bromomethane                  | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Chloroethane                  | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Trichlorofluoromethane        | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,1-Dichloroethene            | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Methylene chloride            | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Freon 113                     | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,1-Dichloroethane            | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Methyl-tert-butyl ether       | 6.42                                            | 1.24                                                   | 1.68                                    | 4.60                                                | 0.89                                   | 1.33                                      |
| cis-1,2-Dichloroethene        | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Chloroform                    | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,2-Dichloroethane            | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,1,1-Trichloroethane         | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Benzene                       | 1.31                                            | 0.36                                                   | 0.43                                    | 0.73                                                | 0.26                                   | 0.75                                      |
| Carbon Tetrachloride          | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,2-Dichloropropane           | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Trichloroethene               | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| cis-1,3-Dichloropropene       | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| trans-1,3-Dichloropropene     | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,1,2-Trichloroethane         | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Toluene                       | 4.66                                            | 1.65                                                   | 1.51                                    | 4.60                                                | 2.45                                   | 1.77                                      |
| 1,2-Dibromoethane             | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Tetrachloroethene             | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Chlorobenzene                 | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |

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|----------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------|-----------------------------------------------------|----------------------------------------|-------------------------------------------|
| Ethylbenzene                     | 0.65                                            | 0.25                                                   | 0.28                                    | 0.78                                                | 0.25                                   | 0.26                                      |
| m,p-Xylene                       | 2.11                                            | 0.77                                                   | 0.84                                    | 2.22                                                | 0.73                                   | 0.94                                      |
| Styrene                          | ND                                              | ND                                                     | ND                                      | 0.15                                                | 0.10                                   | ND                                        |
| 1,1,2,2-Tetrachloroethane        | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| o-Xylene                         | 0.74                                            | 0.30                                                   | 0.35                                    | 0.88                                                | 0.26                                   | 0.31                                      |
| 1,3,5-Trimethylbenzene           | 0.23                                            | 0.12                                                   | 0.14                                    | 0.52                                                | 0.13                                   | 0.10                                      |
| 1,2,4-Trimethylbenzene           | 0.77                                            | 0.37                                                   | 0.43                                    | 1.81                                                | 0.45                                   | 0.33                                      |
| 1,3-Dichlorobenzene              | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,4-Dichlorobenzene              | ND                                              | ND                                                     | 0.18                                    | ND                                                  | ND                                     | ND                                        |
| 1,2-Dichlorobenzene              | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| 1,2,4-Trichlorobenzene           | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Hexachloro-1,3-Butadiene         | ND                                              | ND                                                     | ND                                      | ND                                                  | ND                                     | ND                                        |
| Tentatively Identified Compounds |                                                 |                                                        |                                         |                                                     |                                        |                                           |
| 2-Methyl-1-propene               | --                                              | —                                                      | 1.41                                    | 1.93                                                | —                                      | --                                        |
| 2-Methyl butane                  | 2.97                                            | 0.96                                                   | —                                       | 3.46                                                | —                                      | —                                         |
| 2-Methyl Pentane                 | 1.79                                            | —                                                      | —                                       | —                                                   | —                                      | —                                         |
| O-Ethyltoluene                   | --                                              | —                                                      | —                                       | 0.95                                                | —                                      | —                                         |
| 3-Methyl pentane                 | 1.05                                            | —                                                      | —                                       | —                                                   | —                                      | —                                         |
| Butane                           | --                                              | —                                                      | —                                       | 1.18                                                | —                                      | —                                         |