



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Hamilton County Dept. of Environmental Services
 Phone: 513-946-7742

Lab Project Number: 1096262
 Project Name: 01959 ADDYSTON AIR MONIT

Lab Sample No: 1096262001
 Client Sample ID: 0823051909

ProjSampleNum: 1096262001
 Matrix: Air

Date Collected: 05/19/09 23:59
 Date Received: 06/02/09 9:47

| Parameters | Results | Units | Report Limit | DF | Analyzed | CAS No. | Qualifiers |
|--------------------------------|---------|-------|--------------|----|---------------|--------------|------------|
| Air | | | | | | | |
| TO-15 | | | | | | | |
| 1,1,1-Trichloroethane | ND | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 71-55-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 79-34-5 | |
| 1,1,2-Trichloroethane | ND | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 79-00-5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 76-13-1 | |
| 1,1-Dichloroethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 75-34-3 | |
| 1,1-Dichloroethene | ND | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 75-35-4 | |
| 1,2,4-Trichlorobenzene | ND | ppbv | 0.066 | 1 | 06/13/09 0:47 | DB1 120-82-1 | |
| 1,2,4-Trimethylbenzene | ND | ppbv | 0.24 | 1 | 06/13/09 0:47 | DB1 95-63-6 | |
| 1,2-Dibromoethane (EDB) | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 106-93-4 | |
| 1,2-Dichlorobenzene | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 95-50-1 | |
| 1,2-Dichloroethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 107-06-2 | |
| 1,2-Dichloropropane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 78-87-5 | |
| 1,3,5-Trimethylbenzene | ND | ppbv | 0.24 | 1 | 06/13/09 0:47 | DB1 108-67-8 | |
| 1,3-Butadiene | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 106-99-0 | |
| 1,3-Dichlorobenzene | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 106-46-7 | |
| 2-Butanone (MEK) | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 78-93-3 | |
| 2-Hexanone | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 591-78-6 | |
| 4-Ethyltoluene | ND | ppbv | 0.24 | 1 | 06/13/09 0:47 | DB1 622-96-8 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 108-10-1 | |
| Acetone | 2.15 | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 67-64-1 | |
| Acrylonitrile | 1.3 | ppbv | 0.25 | 1 | 06/13/09 0:47 | DB1 107-13-1 | |
| Benzene | 0.253 | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 71-43-2 | |
| Bromodichloromethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 75-27-4 | |
| Bromoform | ND | ppbv | 0.095 | 1 | 06/13/09 0:47 | DB1 75-25-2 | |
| Bromomethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 74-83-9 | |
| Carbon disulfide | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 75-15-0 | |
| Carbon tetrachloride | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 56-23-5 | |
| Chlorobenzene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 108-90-7 | |
| Chloroethane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 75-00-3 | |
| Chloroform | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 67-66-3 | |

SUPPLEMENTAL REPORT

Units Conversion Request



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| | | | | | | | | |
|---------------------------|-------|------|-------|---|---------------|-----|------------|----|
| Chloromethane | 0.252 | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 74-87-3 | |
| cis-1,2-Dichloroethene | ND | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 | 156-59-2 | |
| cis-1,3-Dichloropropene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 10061-01-5 | |
| Cyclohexane | ND | ppbv | 0.097 | 1 | 06/13/09 0:47 | DB1 | 110-82-7 | |
| Dibromochloromethane | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 | 124-48-1 | |
| Dichlorodifluoromethane | 0.398 | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 | 75-71-8 | |
| Dichlorotetrafluoroethane | ND | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 | 76-14-2 | |
| Ethyl acetate | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 | 141-78-6 | |
| Ethylbenzene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 100-41-4 | |
| Hexachloro-1,3-butadiene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 87-68-3 | |
| m&p-Xylene | ND | ppbv | 0.2 | 1 | 06/13/09 0:47 | DB1 | 1330-20-7 | |
| Methylene Chloride | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 75-09-2 | |
| Methyl-tert-butyl ether | ND | ppbv | 0.098 | 1 | 06/13/09 0:47 | DB1 | 1634-04-4 | |
| Naphthalene | ND | ppbv | 0.26 | 1 | 06/13/09 0:47 | DB1 | 91-20-3 | |
| n-Heptane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 142-82-5 | |
| n-Hexane | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 110-54-3 | |
| o-Xylene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 95-47-6 | |
| Propylene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 115-07-1 | |
| Styrene | 0.3 | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 100-42-5 | |
| Tetrachloroethene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 127-18-4 | |
| Tetrahydrofuran | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 109-99-9 | L2 |
| Toluene | 0.496 | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 | 108-88-3 | |
| trans-1,2-Dichloroethene | ND | ppbv | 0.099 | 1 | 06/13/09 0:47 | DB1 | 156-60-5 | |
| trans-1,3-Dichloropropene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 10061-02-6 | |
| Trichloroethene | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 79-01-6 | |
| Trichlorofluoromethane | ND | ppbv | 0.096 | 1 | 06/13/09 0:47 | DB1 | 75-69-4 | |
| Vinyl acetate | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 108-05-4 | |
| Vinyl chloride | ND | ppbv | 0.1 | 1 | 06/13/09 0:47 | DB1 | 75-01-4 | |

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

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PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

[L2] Analyte recovery in the laboratory control sample (LCS) was below QC limits.
Results may be biased low.

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 6/16/2009

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