Hamilton Air Monitoring Network - VOC Report

Station : STN29567
Location : Niagara / Land, Hamilton
Sample Matrix : SUMMA Canisters
Method : Cryofocus GC/MS (TO15)

VOC Parameter	Guideline 24 Hr	08-Jan-10	20-Jan-10	01-Feb-10	13-Feb-10	25-Feb-10	09-Mar-10	21-Mar-10	02-Apr-10	14-Apr-10	26-Apr-10	08-May-10	20-May-10	01-Jun-10	13-Jun-10	25-Jun-10	07-Jul-10	19-Jul-10	31-Jul-10	12-Aug-10	24-Aug-10	05-Sep-10	17-Sep-10	29-Sep-10	11-Oct-10	23-Oct-10	04-Nov-10	16-Nov-10	28-Nov-10	10-Dec-10	22-Dec-10		Ave	Max	Min	No. Samples	No. Valid
	ug/m3																															ug/m3	ug/m3	ug/m3	> AAQC	Samples
Vinyl Chloride		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		30
1,1-Dichloroethene	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
Dichloromethane	220	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.5	1.1	0.3	0.2	0.4	0.5	0.3	0.6	0.7	---	0.4	0.3	---	0.4	0.4	0.3	0.3	0.3	0.6	0.4	1.1	0.4	0.2		0.4	1.1	0.2	x	
Chloroform	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.2	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.2	0.1	x	
Carbon Tetrachloride	2.4	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	---	0.4	0.5	---	0.4	0.4	0.5	0.6	0.5	0.6	0.5	0.5	0.4	0.5		0.5	0.6	0.4	x	
1,1-Dichloroethane		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
1,2-Dichloroethane	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.0	---	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.0	x	
1,2-Dibromoethane		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
1,1,1-Trichloroethane	115000	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0		0.0	0.1	0.0	x	
1,1,2-Trichloroethane		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
1,1,2,2-Tetrachloroethane		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
cis-1,3-Dichloropropene		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	---	0.0	0.0	---	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.0	0.0		0.0	0.2	0.0	x	
1,2-Dichloropropane	2400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
Bromodichloromethane		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
Trichloroethylene	115	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.2	0.0	0.0	0.2	0.3	0.1	0.3	0.4	---	0.1	0.0	---	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0		0.1	0.4	0.0	x	
Tetrachloroethylene	360	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	---	0.1	0.0	---	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.0		0.1	0.2	0.0	x	
Benzene		0.5	0.6	1.0	1.3	0.6	3.5	1.4	4.1	4.0	2.6	0.5	3.1	1.1	2.8	0.9	1.1	---	2.4	1.4	---	0.7	2.9	7.1	1.1	1.6	1.6	2.6	1.2	0.8	0.5		1.9	7.1	0.5	x	
Toluene	2000	0.7	0.8	1.9	1.4	0.9	4.0	0.4	3.8	5.9	0.7	1.3	4.5	4.5	1.6	4.4	5.5	---	5.4	0.7	---	5.7	1.9	2.6	2.3	2.9	3.7	4.6	4.8	1.8	0.8		2.8	5.9	0.4	x	
Ethylbenzene	1000	0.1	0.2	0.2	0.2	0.2	0.7	0.1	0.9	0.8	0.1	0.2	0.6	1.3	0.2	1.2	1.2	---	0.7	0.1	---	0.5	0.4	0.5	0.3	0.4	0.7	0.9	4.7	0.4	0.3		0.7	4.7	0.1	x	
m / p-Xylene	730	0.3	0.7	0.7	0.7	0.7	2.0	0.4	3.0	2.6	0.3	0.5	1.8	4.1	0.6	3.7	3.5	---	1.8	0.4	---	1.4	1.1	1.7	0.8	1.2	2.4	2.7	16.0	1.1	0.9		2.0	16.0	0.3	x	
o-Xylene	730	0.1	0.2	0.2	0.2	0.2	0.6	0.1	0.9	0.7	0.1	0.2	0.5	1.0	0.2	1.2	1.1	---	0.5	0.1	---	0.4	0.3	0.5	0.2	0.3	0.6	0.8	4.0	0.3	0.3		0.6	4.0	0.1	x	
Styrene	400	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	---	0.1	0.0	---	0.0	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.0		0.1	0.3	0.0	x	
1,3,5-Trimethylbenzene	220	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.2	---	0.2	0.0	---	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.1	0.1		0.1	0.3	0.0	x	
1,2,4-Trimethylbenzene	220	0.1	0.2	0.1	0.1	0.1	0.6	0.1	0.6	0.6	0.1	0.1	0.4	0.5	0.1	0.5	0.5	---	0.5	0.1	---	0.3	0.2	0.5	0.2	0.3	0.5	0.5	1.1	0.3	0.2		0.3	1.1	0.1	x	
Chlorobenzene		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.1	0.0	x	
1,3-Dichlorobenzene		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
1,4-Dichlorobenzene	95	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	---	0.1	0.0	---	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0		0.1	0.2	0.0	x	
1,2-Dichlorobenzene		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	x	
n-Hexane	12000	1.5	1.0	5.8	9.5	4.8	3.6	0.1	3.5	9.9	0.1	17.0	9.3	9.1	2.0	3.0	35.9	---	4.5	0.1	---	7.7	0.3	0.9	6.7	6.1	6.6	4.2	2.7	0.5	0.7		5.6	35.9	0.1	x	
Cyclohexane	6100	0.1	0.1	0.2	0.2	0.1	0.4	0.0	0.3	0.3	0.0	0.2	0.5	0.5	0.1	0.4	0.8	---	0.2	0.0	---	0.3	0.0	0.1	0.2	0.3	0.4	0.5	0.2	0.1	0.1		0.2	0.8	0.0	x	
Isoprene		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.3	0.1	0.4	0.5	---	0.1	0.0	---	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0		0.1	0.5	0.0	x	
Alpha-Pinene		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	---	0.2	0.1	---	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0		0.1	0.3	0.0	x	
Naphthalene	22.5	0.0	0.0	0.0	0.1	0.1	5.4	0.9	5.5	4.5	3.7	0.3	0.9	0.4	0.9	0.2	0.5	---	1.4	3.5	---	0.1	1.1	2.4	0.7	1.8	0.9	2.5	0.2	0.1	0.1		1.4	5.5	0.0	x	
1,3-Butadiene		0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	---	0.0	0.0	---	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0		0.1	0.2	0.0	x	