



ANALYTICAL RESULTS

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

Lab Project Number: 10439843
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10439843001 ProjSampleNum: 10439843001 Date Collected: 07/13/18 23:59
 Client Sample ID: K3462071318 Matrix: Air Date Received: 07/18/18 8:45

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Fnote
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.2	0.061	07/19/18 1:02 CH1	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.1	0.042	07/19/18 1:02 CH1	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.2	0.04	07/19/18 1:02 CH1	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.21	0.047	07/19/18 1:02 CH1	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.051	07/19/18 1:02 CH1	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.06	07/19/18 1:02 CH1	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.5	0.13	07/19/18 1:02 CH1	120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.034	07/19/18 1:02 CH1	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.2	0.042	07/19/18 1:02 CH1	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.054	07/19/18 1:02 CH1	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	0.049	07/19/18 1:02 CH1	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.066	07/19/18 1:02 CH1	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.082	07/19/18 1:02 CH1	108-67-8	
1,3-Butadiene	ND	ppbv	0.2	0.093	07/19/18 1:02 CH1	106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.077	07/19/18 1:02 CH1	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.2	0.036	07/19/18 1:02 CH1	106-46-7	
2-Butanone (MEK)	0.5J	ppbv	1	0.067	07/19/18 1:02 CH1	78-93-3	
2-Hexanone	ND	ppbv	1	0.15	07/19/18 1:02 CH1	591-78-6	
4-Ethyltoluene	ND	ppbv	0.2	0.042	07/19/18 1:02 CH1	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.086	07/19/18 1:02 CH1	108-10-1	
Acetone	5.6	ppbv	0.99	0.62	07/19/18 1:02 CH1	67-64-1	
Acrylonitrile	ND	ppbv	0.5	0.15	07/19/18 1:02 CH1	107-13-1	N2
Benzene	0.14	ppbv	0.099	0.046	07/19/18 1:02 CH1	71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.053	07/19/18 1:02 CH1	75-27-4	
Bromoform	ND	ppbv	0.2	0.066	07/19/18 1:02 CH1	75-25-2	
Bromomethane	ND	ppbv	0.2	0.053	07/19/18 1:02 CH1	74-83-9	
Carbon disulfide	ND	ppbv	0.2	0.057	07/19/18 1:02 CH1	75-15-0	
Carbon tetrachloride	0.13	ppbv	0.1	0.05	07/19/18 1:02 CH1	56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.038	07/19/18 1:02 CH1	108-90-7	
Chloroethane	ND	ppbv	0.2	0.075	07/19/18 1:02 CH1	75-00-3	
Chloroform	ND	ppbv	0.1	0.046	07/19/18 1:02 CH1	67-66-3	
Chloromethane	0.31	ppbv	0.2	0.062	07/19/18 1:02 CH1	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.084	07/19/18 1:02 CH1	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.052	07/19/18 1:02 CH1	10061-01-5	
Cyclohexane	ND	ppbv	0.2	0.066	07/19/18 1:02 CH1	110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.051	07/19/18 1:02 CH1	124-48-1	
Dichlorodifluoromethane	0.38	ppbv	0.2	0.084	07/19/18 1:02 CH1	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.062	07/19/18 1:02 CH1	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request



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Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Fnote
Air							
Ethyl acetate	ND	ppbv	0.2	0.055	07/19/18 1:02 CH1	141-78-6	
Ethylbenzene	ND	ppbv	0.2	0.039	07/19/18 1:02 CH1	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.2	0.08	07/19/18 1:02 CH1	87-68-3	
m&p-Xylene	ND	ppbv	0.41	0.079	07/19/18 1:02 CH1	179601-23-	
Methylene Chloride	ND	ppbv	0.99	0.42	07/19/18 1:02 CH1	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.18	07/19/18 1:02 CH1	1634-04-4	
Naphthalene	ND	ppbv	0.51	0.11	07/19/18 1:02 CH1	91-20-3	
n-Heptane	ND	ppbv	0.2	0.05	07/19/18 1:02 CH1	142-82-5	
n-Hexane	ND	ppbv	0.2	0.092	07/19/18 1:02 CH1	110-54-3	
o-Xylene	ND	ppbv	0.2	0.084	07/19/18 1:02 CH1	95-47-6	
Propylene	ND	ppbv	0.2	0.091	07/19/18 1:02 CH1	115-07-1	
Styrene	0.13J	ppbv	0.2	0.039	07/19/18 1:02 CH1	100-42-5	
Tetrachloroethene	ND	ppbv	0.1	0.042	07/19/18 1:02 CH1	127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.09	07/19/18 1:02 CH1	109-99-9	
Toluene	0.31	ppbv	0.2	0.042	07/19/18 1:02 CH1	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.074	07/19/18 1:02 CH1	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.091	07/19/18 1:02 CH1	10061-02-6	
Trichloroethene	ND	ppbv	0.2	0.049	07/19/18 1:02 CH1	79-01-6	
Trichlorofluoromethane	0.19J	ppbv	0.19	0.074	07/19/18 1:02 CH1	75-69-4	
Vinyl acetate	0.26	ppbv	0.2	0.047	07/19/18 1:02 CH1	108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.05	07/19/18 1:02 CH1	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.

SUPPLEMENTAL REPORT

Units Conversion Request