



ANALYTICAL RESULTS

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

Lab Project Number: 10438449
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10438449001 ProjSampleNum: 10438449001 Date Collected: 07/01/18 23:59
 Client Sample ID: K3378070118 Matrix: Air Date Received: 07/06/18 10:30

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Fnote
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.2	0.061	07/07/18 18:53 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.1	0.042	07/07/18 18:53 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.1	0.04	07/07/18 18:53 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.08J	ppbv	0.21	0.047	07/07/18 18:53 MJL	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.051	07/07/18 18:53 MJL	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.06	07/07/18 18:53 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.5	0.13	07/07/18 18:53 MJL	120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.034	07/07/18 18:53 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.2	0.042	07/07/18 18:53 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.054	07/07/18 18:53 MJL	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	0.049	07/07/18 18:53 MJL	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.066	07/07/18 18:53 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.082	07/07/18 18:53 MJL	108-67-8	
1,3-Butadiene	ND	ppbv	0.2	0.093	07/07/18 18:53 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.077	07/07/18 18:53 MJL	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.2	0.036	07/07/18 18:53 MJL	106-46-7	
2-Butanone (MEK)	0.53J	ppbv	1	0.067	07/07/18 18:53 MJL	78-93-3	
2-Hexanone	ND	ppbv	1	0.15	07/07/18 18:53 MJL	591-78-6	
4-Ethyltoluene	ND	ppbv	0.2	0.042	07/07/18 18:53 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.086	07/07/18 18:53 MJL	108-10-1	
Acetone	5.5	ppbv	0.99	0.62	07/07/18 18:53 MJL	67-64-1	
Acrylonitrile	ND	ppbv	0.5	0.15	07/07/18 18:53 MJL	107-13-1	N2
Benzene	0.1	ppbv	0.099	0.046	07/07/18 18:53 MJL	71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.053	07/07/18 18:53 MJL	75-27-4	
Bromoform	ND	ppbv	0.2	0.066	07/07/18 18:53 MJL	75-25-2	
Bromomethane	ND	ppbv	0.2	0.053	07/07/18 18:53 MJL	74-83-9	
Carbon disulfide	ND	ppbv	0.2	0.057	07/07/18 18:53 MJL	75-15-0	
Carbon tetrachloride	0.15	ppbv	0.1	0.05	07/07/18 18:53 MJL	56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.038	07/07/18 18:53 MJL	108-90-7	
Chloroethane	ND	ppbv	0.2	0.075	07/07/18 18:53 MJL	75-00-3	
Chloroform	ND	ppbv	0.1	0.046	07/07/18 18:53 MJL	67-66-3	
Chloromethane	0.48	ppbv	0.2	0.062	07/07/18 18:53 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.084	07/07/18 18:53 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.052	07/07/18 18:53 MJL	10061-01-5	
Cyclohexane	ND	ppbv	0.2	0.066	07/07/18 18:53 MJL	110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.051	07/07/18 18:53 MJL	124-48-1	N2
Dichlorodifluoromethane	0.56	ppbv	0.2	0.084	07/07/18 18:53 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.062	07/07/18 18:53 MJL	76-14-2	

SUPPLEMENTAL REPORT

Units Conversion Request



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Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Ftnote
Air							
Ethyl acetate	ND	ppbv	0.2	0.055	07/07/18 18:53 MJL	141-78-6	
Ethylbenzene	ND	ppbv	0.2	0.039	07/07/18 18:53 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.2	0.08	07/07/18 18:53 MJL	87-68-3	
m&p-Xylene	0.13J	ppbv	0.41	0.079	07/07/18 18:53 MJL	179601-23-	
Methylene Chloride	ND	ppbv	0.99	0.42	07/07/18 18:53 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.18	07/07/18 18:53 MJL	1634-04-4	
Naphthalene	ND	ppbv	0.51	0.11	07/07/18 18:53 MJL	91-20-3	
n-Heptane	ND	ppbv	0.2	0.05	07/07/18 18:53 MJL	142-82-5	
n-Hexane	0.14J	ppbv	0.2	0.092	07/07/18 18:53 MJL	110-54-3	
o-Xylene	ND	ppbv	0.2	0.084	07/07/18 18:53 MJL	95-47-6	
Propylene	ND	ppbv	0.2	0.091	07/07/18 18:53 MJL	115-07-1	
Styrene	ND	ppbv	0.2	0.039	07/07/18 18:53 MJL	100-42-5	
Tetrachloroethene	ND	ppbv	0.1	0.042	07/07/18 18:53 MJL	127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.09	07/07/18 18:53 MJL	109-99-9	
Toluene	0.29	ppbv	0.2	0.042	07/07/18 18:53 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.074	07/07/18 18:53 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.091	07/07/18 18:53 MJL	10061-02-6	
Trichloroethene	ND	ppbv	0.1	0.049	07/07/18 18:53 MJL	79-01-6	
Trichlorofluoromethane	0.3	ppbv	0.19	0.074	07/07/18 18:53 MJL	75-69-4	
Vinyl acetate	0.34	ppbv	0.2	0.047	07/07/18 18:53 MJL	108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.05	07/07/18 18:53 MJL	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