



ANALYTICAL RESULTS

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

Lab Project Number: 10444736
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10444736001 ProjSampleNum: 10444736001 Date Collected: 08/18/18 23:59
 Client Sample ID: K1122081818 Matrix: Air Date Received: 08/24/18 9:25

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Ftnote
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.2	0.056	08/25/18 18:19 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.2	0.042	08/25/18 18:19 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.1	0.045	08/25/18 18:19 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.21	0.072	08/25/18 18:19 MJL	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.053	08/25/18 18:19 MJL	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.067	08/25/18 18:19 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.99	0.49	08/25/18 18:19 MJL	120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.09	08/25/18 18:19 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.1	0.047	08/25/18 18:19 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.082	08/25/18 18:19 MJL	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	0.036	08/25/18 18:19 MJL	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.049	08/25/18 18:19 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.08	08/25/18 18:19 MJL	108-67-8	
1,3-Butadiene	ND	ppbv	0.2	0.058	08/25/18 18:19 MJL	106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.095	08/25/18 18:19 MJL	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.51	0.16	08/25/18 18:19 MJL	106-46-7	
1,4-Dioxane (p-Dioxane)	ND	ppbv	1	0.2	08/25/18 18:19 MJL	123-91-1	
2-Butanone (MEK)	1.2	ppbv	1	0.12	08/25/18 18:19 MJL	78-93-3	
2-Hexanone	ND	ppbv	1	0.18	08/25/18 18:19 MJL	591-78-6	
2-Propanol	ND	ppbv	1	0.28	08/25/18 18:19 MJL	67-63-0	
4-Ethyltoluene	ND	ppbv	0.5	0.11	08/25/18 18:19 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.12	08/25/18 18:19 MJL	108-10-1	
Acetone	3.5	ppbv	0.99	0.5	08/25/18 18:19 MJL	67-64-1	
Acrylonitrile	ND	ppbv	0.5	0.15	08/25/18 18:19 MJL	107-13-1	N2
Benzene	0.095J	ppbv	0.099	0.046	08/25/18 18:19 MJL	71-43-2	
Benzyl chloride	ND	ppbv	0.49	0.23	08/25/18 18:19 MJL	100-44-7	
Bromodichloromethane	ND	ppbv	0.21	0.054	08/25/18 18:19 MJL	75-27-4	
Bromoform	ND	ppbv	0.49	0.13	08/25/18 18:19 MJL	75-25-2	
Bromomethane	ND	ppbv	0.2	0.058	08/25/18 18:19 MJL	74-83-9	
Carbon disulfide	ND	ppbv	0.2	0.069	08/25/18 18:19 MJL	75-15-0	
Carbon tetrachloride	ND	ppbv	0.2	0.067	08/25/18 18:19 MJL	56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.06	08/25/18 18:19 MJL	108-90-7	
Chloroethane	ND	ppbv	0.2	0.097	08/25/18 18:19 MJL	75-00-3	
Chloroform	ND	ppbv	0.1	0.04	08/25/18 18:19 MJL	67-66-3	
Chloromethane	0.37	ppbv	0.2	0.076	08/25/18 18:19 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.055	08/25/18 18:19 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.065	08/25/18 18:19 MJL	10061-01-5	
Cyclohexane	ND	ppbv	0.51	0.1	08/25/18 18:19 MJL	110-82-7	

SUPPLEMENTAL REPORT

Units Conversion Request



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Air							
Dibromochloromethane	ND	ppbv	0.2	0.083	08/25/18 18:19 MJL	124-48-1	
Dichlorodifluoromethane	0.38	ppbv	0.2	0.058	08/25/18 18:19 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.062	08/25/18 18:19 MJL	76-14-2	
Ethanol	0.89J	ppbv	0.99	0.42	08/25/18 18:19 MJL	64-17-5	
Ethyl acetate	ND	ppbv	0.2	0.052	08/25/18 18:19 MJL	141-78-6	
Ethylbenzene	ND	ppbv	0.2	0.068	08/25/18 18:19 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.5	0.18	08/25/18 18:19 MJL	87-68-3	
m&p-Xylene	ND	ppbv	0.41	0.16	08/25/18 18:19 MJL	179601-23-	
Methylene Chloride	0.37J	ppbv	0.99	0.27	08/25/18 18:19 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.18	08/25/18 18:19 MJL	1634-04-4	
Naphthalene	ND	ppbv	0.51	0.24	08/25/18 18:19 MJL	91-20-3	
n-Heptane	ND	ppbv	0.2	0.091	08/25/18 18:19 MJL	142-82-5	
n-Hexane	ND	ppbv	0.2	0.087	08/25/18 18:19 MJL	110-54-3	
o-Xylene	ND	ppbv	0.2	0.077	08/25/18 18:19 MJL	95-47-6	
Propylene	0.35	ppbv	0.2	0.08	08/25/18 18:19 MJL	115-07-1	
Styrene	0.13J	ppbv	0.2	0.079	08/25/18 18:19 MJL	100-42-5	
Tetrachloroethene	ND	ppbv	0.1	0.045	08/25/18 18:19 MJL	127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.087	08/25/18 18:19 MJL	109-99-9	
Toluene	0.26	ppbv	0.2	0.091	08/25/18 18:19 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.069	08/25/18 18:19 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.095	08/25/18 18:19 MJL	10061-02-6	
Trichloroethene	ND	ppbv	0.1	0.048	08/25/18 18:19 MJL	79-01-6	
Trichlorofluoromethane	0.16J	ppbv	0.19	0.065	08/25/18 18:19 MJL	75-69-4	
Vinyl acetate	ND	ppbv	0.2	0.075	08/25/18 18:19 MJL	108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.05	08/25/18 18:19 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