



ANALYTICAL RESULTS

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

Lab Project Number: 10446405
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10446405001 ProjSampleNum: 10446405001 Date Collected: 08/30/18 23:59
 Client Sample ID: K2746083018 Matrix: Air Date Received: 09/06/18 10:50

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Fnote
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Air

TO-15

1,1,1-Trichloroethane	0.059J	ppbv	0.2	0.056	09/11/18 15:04	NCK 71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.2	0.042	09/11/18 15:04	NCK 79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.1	0.045	09/11/18 15:04	NCK 79-00-5	
1,1,2-Trichlorotrifluoroethane	0.086J	ppbv	0.21	0.072	09/11/18 15:04	NCK 76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.053	09/11/18 15:04	NCK 75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.067	09/11/18 15:04	NCK 75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.99	0.49	09/11/18 15:04	NCK 120-82-1	
1,2,4-Trimethylbenzene	0.14J	ppbv	0.2	0.09	09/11/18 15:04	NCK 95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.1	0.047	09/11/18 15:04	NCK 106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.082	09/11/18 15:04	NCK 95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	0.036	09/11/18 15:04	NCK 107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.049	09/11/18 15:04	NCK 78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.08	09/11/18 15:04	NCK 108-67-8	
1,3-Butadiene	ND	ppbv	0.2	0.058	09/11/18 15:04	NCK 106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.095	09/11/18 15:04	NCK 541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.51	0.16	09/11/18 15:04	NCK 106-46-7	
2-Butanone (MEK)	1	ppbv	1	0.12	09/11/18 15:04	NCK 78-93-3	
2-Hexanone	ND	ppbv	1	0.18	09/11/18 15:04	NCK 591-78-6	
4-Ethyltoluene	0.14J	ppbv	0.5	0.11	09/11/18 15:04	NCK 622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.12	09/11/18 15:04	NCK 108-10-1	
Acetone	7.1	ppbv	0.99	0.5	09/11/18 15:04	NCK 67-64-1	
Acrylonitrile	0.24J	ppbv	0.5	0.15	09/11/18 15:04	NCK 107-13-1	N2
Benzene	0.14	ppbv	0.099	0.046	09/11/18 15:04	NCK 71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.054	09/11/18 15:04	NCK 75-27-4	
Bromoform	ND	ppbv	0.49	0.13	09/11/18 15:04	NCK 75-25-2	
Bromomethane	ND	ppbv	0.2	0.058	09/11/18 15:04	NCK 74-83-9	
Carbon disulfide	ND	ppbv	0.2	0.069	09/11/18 15:04	NCK 75-15-0	
Carbon tetrachloride	ND	ppbv	0.2	0.067	09/11/18 15:04	NCK 56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.06	09/11/18 15:04	NCK 108-90-7	
Chloroethane	ND	ppbv	0.2	0.097	09/11/18 15:04	NCK 75-00-3	
Chloroform	ND	ppbv	0.1	0.04	09/11/18 15:04	NCK 67-66-3	
Chloromethane	0.43	ppbv	0.2	0.076	09/11/18 15:04	NCK 74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.055	09/11/18 15:04	NCK 156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.065	09/11/18 15:04	NCK 10061-01-5	
Cyclohexane	0.11J	ppbv	0.51	0.1	09/11/18 15:04	NCK 110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.083	09/11/18 15:04	NCK 124-48-1	
Dichlorodifluoromethane	0.5	ppbv	0.2	0.058	09/11/18 15:04	NCK 75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.062	09/11/18 15:04	NCK 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	0.052	09/11/18 15:04	NCK 141-78-6	
Ethylbenzene	0.19J	ppbv	0.2	0.068	09/11/18 15:04	NCK 100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.5	0.18	09/11/18 15:04	NCK 87-68-3	
m&p-Xylene	0.39J	ppbv	0.41	0.16	09/11/18 15:04	NCK 179601-23-	
Methylene Chloride	3.5	ppbv	0.99	0.27	09/11/18 15:04	NCK 75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.18	09/11/18 15:04	NCK 1634-04-4	
Naphthalene	0.38J	ppbv	0.51	0.24	09/11/18 15:04	NCK 91-20-3	
n-Heptane	ND	ppbv	0.2	0.091	09/11/18 15:04	NCK 142-82-5	
n-Hexane	0.53	ppbv	0.2	0.087	09/11/18 15:04	NCK 110-54-3	
o-Xylene	0.2J	ppbv	0.2	0.077	09/11/18 15:04	NCK 95-47-6	
Propylene	ND	ppbv	0.2	0.08	09/11/18 15:04	NCK 115-07-1	
Styrene	0.3J	ppbv	0.51	0.079	09/11/18 15:04	NCK 100-42-5	
Tetrachloroethene	0.083J	ppbv	0.1	0.045	09/11/18 15:04	NCK 127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.087	09/11/18 15:04	NCK 109-99-9	
Toluene	0.34	ppbv	0.2	0.091	09/11/18 15:04	NCK 108-88-3	
trans-1,2-Dichloroethene	0.24	ppbv	0.2	0.069	09/11/18 15:04	NCK 156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.095	09/11/18 15:04	NCK 10061-02-6	
Trichloroethene	0.24	ppbv	0.1	0.048	09/11/18 15:04	NCK 79-01-6	
Trichlorofluoromethane	0.25	ppbv	0.19	0.065	09/11/18 15:04	NCK 75-69-4	
Vinyl acetate	0.56	ppbv	0.2	0.075	09/11/18 15:04	NCK 108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.05	09/11/18 15:04	NCK 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