



Hamilton Air Monitoring Network - PAH Report

STN29567 - PAH - Niagara / Land, Hamilton

PAH Parameter	05-Jan-22	17-Jan-22	29-Jan-22	10-Feb-22	22-Feb-22	06-Mar-22	18-Mar-22	30-Mar-22	11-Apr-22	23-Apr-22	05-May-22	17-May-22	29-May-22	10-Jun-22	22-Jun-22
BENZO(A)ANTHRACENE	0.05	0.05	0.13	0.05	0.98	0.09	1.83	1.00							
CHRYSENE	0.05	0.16	0.39	0.06	1.57	0.12	3.33	1.81							
BENZO(B)FLUORANTHENE	0.05	0.13	0.29	0.06	2.53	0.14	3.54	2.16							
BENZO(K)FLUORANTHENE	0.05	0.05	0.10	0.05	0.87	0.07	1.42	0.74							
BENZO(A)PYRENE (B[a]P)	0.07	0.11	0.13	0.05	1.17	0.11	1.66	1.10							
INDENO(123CD)PYRENE	0.05	0.08	0.17	0.05	1.56	0.11	1.87	1.11							
DIBENZO(A,H)ANTHRACENE	0.05	0.05	0.03	0.05	0.23	0.05	0.28	0.17							
BENZO(GHI)PERYLENE	0.05	0.07	0.16	0.05	1.15	0.08	1.11	0.76							

PAH Parameter	04-Jul-22	16-Jul-22	28-Jul-22	09-Aug-22	21-Aug-22	02-Sep-22	14-Sep-22	26-Sep-22	08-Oct-22	20-Oct-22	01-Nov-22	13-Nov-22	25-Nov-22	07-Dec-22	19-Dec-22	31-Dec-22	Ave	Max	Min
BENZO(A)ANTHRACENE																	0.52	1.83	0.05
CHRYSENE																	0.94	3.33	0.05
BENZO(B)FLUORANTHENE																	1.11	3.54	0.05
BENZO(K)FLUORANTHENE																	0.42	1.42	0.05
BENZO(A)PYRENE (B[a]P)																	0.55	1.66	0.05
INDENO(123CD)PYRENE																	0.63	1.87	0.05
DIBENZO(A,H)ANTHRACENE																	0.11	0.28	0.03
BENZO(GHI)PERYLENE																	0.43	1.15	0.05

Measurement units : ng/m³
 Minimum detection limit (MDL) : 0.1 ng/m³
 Reported values < 0.1 ng/m³ : Target compound meets identification criteria but is < MDL
 Reported '0.00' values : Analyte not detected
 B[a]P 24 Hour AAQC : 0.05 ng/m³
 B[a]P 24 Hour Reference Level : 1.10 ng/m³
 B[a]P O.Reg 419/05 URT 24 Hour Objective : 5.00 ng/m³
 B[a]P AAQC Annual arithmetic mean : 0.01 ng/m³

Number of Sample Dates	8
Number of Valid Samples	8
Percent Valid Data (%)	100.0
Maximum 24 Hr B[a]P	1.66
Number of Samples > 24 Hour B[a]P AAQC	7
Number of Samples > B[a]P Ref. Level	2
Number of Samples > B[a]P URT	0
Annual B[a]P Arithmetic Mean	0.55

Note: " --- " indicates invalid sample