STN29547 - PAH - Pier 25, 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	0.10	1.58	0.87	2.90	0.28	3.75	0.77	0.07							
CHRYSENE	0.15	2.34	1.92	4.29	0.47	4.77	1.34	0.16							
BENZO(B)FLUORANTHENE	0.11	2.03	1.63	4.59	0.50	4.64	2.02	0.13							
BENZO(K)FLUORANTHENE	0.06	0.92	0.57	1.65	0.20	3.96	0.81	0.04							
BENZO(A)PYRENE (B[a]P)	0.14	1.77	0.73	2.78	0.28	4.59	0.80	0.07							
INDENO(123CD)PYRENE	0.06	1.37	0.99	2.84	0.34	3.76	1.05	0.07							
DIBENZO(A,H)ANTHRACENE	0.05	0.16	0.15	0.45	0.06	0.48	0.16	0.05							
BENZO(GHI)PERYLENE	0.05	1.17	0.77	2.22	0.29	2.90	0.63	0.07							

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																	1.29	3.75	0.07
CHRYSENE																	1.93	4.77	0.15
BENZO(B)FLUORANTHENE																	1.96	4.64	0.11
BENZO(K)FLUORANTHENE																	1.03	3.96	0.04
BENZO(A)PYRENE (B[a]P)																	1.39	4.59	0.07
INDENO(123CD)PYRENE																	1.31	3.76	0.06
DIBENZO(A,H)ANTHRACENE																	0.20	0.48	0.05
BENZO(GHI)PERYLENE																	1.01	2.90	0.05

Measurement units	: ng/m³	Number of Sample Dates	8
Minimum detection limit (MDL)	: 0.1 ng/m³	Number of Valid Samples	8
Reported values < 0.1 ng/m³	: Target compound meets identification criteria but is < MDL	Percent Valid Data (%)	100.0
Reported '0.00' values	: Analyte not detected	Maximum 24 Hr B[a]P	4.59
B[a]P 24 Hour AAQC	: 0.05 ng/m³	Number of Samples > 24 Hour B[a]P AAQC	**8**
B[a]P 24 Hour Reference Level	: 1.10 ng/m³	Number of Samples > B[a]P Ref. Level	**3**
B[a]P O.Reg 419/05 URT 24 Hour Objective	: 5.00 ng/m³	Number of Samples > B[a]P URT	**0**
B[a]P AAQC Annual arithmetic mean	: 0.01 ng/m³	Annual B[a]P Arithmetic Mean	1.39

Note: " --- " indicates invalid sample