



An agency of the Government of Ontario



A Division of METROLINX

Data Summary
Q3, 2012

| Item | Term | Description | Units |
|------|-------------------|---|-------------------|
| 1) | NO | Nitric Oxide | ppb |
| 2) | NO ₂ | Nitrogen Dioxide | ppb |
| 3) | NOX | Oxides of Nitrogen | ppb |
| 4) | PM _{2.5} | Particulate Matter < 2.5 micron | µg/m ³ |
| 5) | CO | Carbon Monoxide | ppm |
| 6) | SO ₂ | Sulphur Dioxide | ppb |
| 7) | WS | Resultant Mean Wind Speed | km/hr |
| 8) | WD | Resultant Mean Wind Direction | Degrees |
| 9) | ATEM | Ambient Temperature | °C |
| 10) | SLR | Solar Radiation Flux Density | W/m ² |
| 11) | BP | Barometric Pressure | mb |
| 12) | RH | Relative Humidity | % |
| 13) | PRECP | Total Precipitation | mm |
| 14) | VOC | Volatile Organic Compounds | µg/m ³ |
| 15) | PAH | Polycyclic Aromatic Hydrocarbons | ng/m ³ |
| 16) | TSP | Total Suspended Particulate | µg/m ³ |
| 17) | ppb | Parts per billion | |
| 18) | ppm | Parts per million | |
| 19) | µg/m ³ | Micrograms per cubic metre | |
| 20) | ng/m ³ | Nanograms per cubic metre | |
| 21) | km/hr | Kilometres per hour | |
| 22) | mm | Millimetres | |
| 23) | mb | Millibars | |
| 24) | W/m ² | Watts per square metre | |
| 25) | GC/MS | Gas Chromatography / Mass Spectrometry | |
| 26) | PUF | Polyurethane Foam | |
| 27) | GF | Glass Fibre | |
| 28) | Ave | Average | |
| 29) | Min | Minimum | |
| 30) | Max | Maximum | |
| 31) | MOE | Ministry of the Environment | |
| 32) | AAQC | Ambient Air Quality Criteria | |
| 33) | EST | Eastern Standard Time | |
| 34) | Clock Average | 1 Hr Clock Average (i.e. 09:00 to 10:00) 24 Hr Clock Average (i.e. 00:00 to 23:00) | |
| 35) | Running Average | Creating a series of averages of varying subset time frames of the full dataset. | |

| Met. Statistics | | Maximum 1 Hr Clock Average | | | Minimum 1 Hr Clock Average | | | Monthly Mean | Total Precipitation | Percent Valid Data | | | | | | |
|-----------------|--------------------|-------------------------------|------|-------|-------------------------------|-------|------|-----------------|------------------------|-----------------------|-------|-------|-------|-------|-------|--|
| Station | Month | WS | ATEM | PRECP | WS | ATEM | ATEM | PRECP | WS | WD | ATEM | SLR | BP | RH | PRECP | |
| | | km/hr | °C | mm | km/hr | °C | °C | mm | % | % | % | % | % | % | % | |
| 35021 | January | 25.2 | 11.4 | 3.6 | 0.1 | -15.3 | -0.7 | 35.6 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 | 100.0 | |
| | February | 23.8 | 11.3 | 2.0 | 0.0 | -12.0 | 0.6 | 16.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | March | 25.3 | 25.2 | 4.2 | 0.1 | -13.0 | 7.4 | 25.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | April | 25.3 | 25.9 | 2.7 | 0.2 | 0.1 | 8.0 | 32.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | May | 16.6 | 31.4 | 9.2 | 0.0 | 6.0 | 17.7 | 42.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | June | 22.9 | 34.5 | 8.9 | 0.2 | 10.9 | 21.5 | 75.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| | July | 16.7 | 36.5 | 23.2 | 0.1 | 16.5 | 24.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | August | 14.5 | 33.0 | 5.2 | 0.0 | 13.1 | 22.6 | 58.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | September | 18.3 | 29.1 | 17.2 | 0.0 | 6.1 | 17.5 | 129.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | Q1 Total | | | | | | | 77.1 | | | | | | | | |
| | Q2 Total | | | | | | | 150.0 | | | | | | | | |
| | Q3 Total | | | | | | | 286.0 | | | | | | | | |
| | Q1 Arithmetic Mean | | | | | | 2.5 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | Q2 Arithmetic Mean | | | | | | 15.7 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| | Q3 Arithmetic Mean | | | | | | 21.6 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

| Data Statistics | | Maximum 24 Hr Running Average | | | Maximum 8 Hr Running Average | | | Maximum 1 Hr Running Average | | | Maximum ½ Hr Running Average | | | Maximum 24 Hr Clock Average | | Maximum 1 Hr Clock Average | | Monthly Mean | | | | | | Percent Valid Data | | | | | |
|-----------------|--------------------|----------------------------------|------|-----|---------------------------------|-----|------|---------------------------------|-----|------|---------------------------------|-------|-------|--------------------------------|------|-------------------------------|-----|-----------------|-----|-------|-------|-------|-------|-----------------------|-------|------|--|--|--|
| Station | Month | SO2 | CO | NO2 | CO | SO2 | CO | NO2 | SO2 | CO | NO2 | PM2.5 | PM2.5 | SO2 | CO | PM2.5 | NO | NO2 | NOX | SO2 | CO | PM2.5 | NO | NO2 | NOX | | | | |
| | | ppb | ppm | ppb | ppm | ppb | ppm | ppb | ppb | ppm | ppb | ppm | µg/m³ | µg/m³ | ppb | ppb | ppb | µg/m³ | ppm | ppb | % | % | % | % | % | % | | | |
| 35022 | January | 2 | 0.30 | 30 | 0.41 | 6 | 1.59 | 78 | 6 | 1.69 | 86 | 12 | 34 | 0.4 | 0.20 | 7 | 11 | 17 | 28 | 82.0 | 81.2 | 80.4 | 81.9 | 81.9 | 81.9 | | | | |
| | February | 2 | 0.32 | 29 | 0.36 | 6 | 0.87 | 48 | 8 | 1.13 | 50 | 21 | 35 | 0.4 | 0.22 | 8 | 9 | 17 | 26 | 100.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | | | |
| | March | 2 | 0.44 | 41 | 0.54 | 9 | 1.02 | 59 | 10 | 1.10 | 63 | 28 | 47 | 0.4 | 0.23 | 9 | 12 | 20 | 32 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | |
| | April | 2 | 0.31 | 33 | 0.41 | 7 | 0.51 | 51 | 9 | 0.53 | 55 | 11 | 30 | 0.3 | 0.21 | 6 | 6 | 16 | 22 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | | | | |
| | May | 1 | 0.36 | 32 | 0.59 | 6 | 0.91 | 65 | 6 | 0.93 | 67 | 26 | 97 | 0.2 | 0.22 | 11 | 8 | 19 | 26 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | | | | |
| | June | 2 | 0.30 | 33 | 0.45 | 7 | 0.62 | 64 | 8 | 0.70 | 70 | 22 | 95 | 0.4 | 0.15 | 10 | 5 | 15 | 21 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | |
| | July | 2 | 0.26 | 25 | 0.34 | 11 | 0.76 | 50 | 12 | 0.85 | 55 | 24 | 56 | 0.4 | 0.13 | 11 | 5 | 15 | 20 | 99.9 | 91.1 | 99.6 | 99.9 | 99.9 | 99.9 | | | | |
| | August | 2 | 0.15 | 35 | 0.20 | 9 | 0.29 | 61 | 13 | 0.35 | 63 | 24 | 38 | 0.5 | 0.09 | 11 | 8 | 18 | 25 | 99.7 | 99.7 | 99.9 | 99.7 | 99.7 | 99.7 | | | | |
| | September | 2 | 0.29 | 28 | 0.38 | 11 | 0.92 | 65 | 11 | 0.99 | 75 | 20 | 46 | 0.3 | 0.15 | 8 | 8 | 16 | 24 | 99.9 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | | | | |
| | Q1 Arithmetic Mean | | | | | | | | | | | | | | 0.4 | 0.22 | 8 | 10 | 18 | 29 | 94.0 | 93.7 | 93.5 | 94.0 | 94.0 | 94.0 | | | |
| | Q2 Arithmetic Mean | | | | | | | | | | | | | | 0.3 | 0.19 | 9 | 6 | 17 | 23 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| | Q3 Arithmetic Mean | | | | | | | | | | | | | | 0.4 | 0.12 | 10 | 7 | 16 | 23 | 99.8 | 96.8 | 99.8 | 99.8 | 99.8 | 99.8 | | | |

| Event Statistics | | Events > 24 Hr AAQC | | Events > 8 Hr AAQC | | Events > 1 Hr AAQC | | | Events > ½ Hr Standard | | | Events > 24 Hr WHO | | Events > 1 Hr WHO | | No. of Days > 24 Hr Ref. Level | | |
|------------------|-----------------|------------------------|-----|-----------------------|-----|-----------------------|-----|-----|---------------------------|-----|-----|-----------------------|-----|----------------------|-----|-----------------------------------|-----|---|
| Station | Month | SO2 | NO2 | CO | SO2 | CO | NO2 | SO2 | CO | NO2 | SO2 | PM2.5 | NO2 | PM2.5 | | | | |
| | | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | |
| 35022 | January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| | April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| | June | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | July | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | August | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | September | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Q1 Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Q2 Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Q3 Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| Ambient Air Quality Criteria (AAQC) | | | |
|-------------------------------------|-----|-----|-----|
| Period | SO2 | CO | NO2 |
| | ppb | ppm | ppb |
| 1 Hr | 250 | 30 | 200 |
| 8 Hr | --- | 13 | --- |
| 24 Hr | 100 | --- | 100 |

| O.Reg 419/05 Standards | | | |
|------------------------|-----|-----|-----|
| Period | SO2 | CO | NO2 |
| | ppb | ppm | ppb |
| ½ Hr | 300 | 5 | 250 |

| WHO Air Quality Guidelines | | | |
|----------------------------|-----|-------------------|-----|
| Period | SO2 | PM2.5 | NO2 |
| | ppb | µg/m ³ | ppb |
| 1 Hr | --- | --- | 100 |
| 24 Hr | 7 | 25 | --- |

| CWS PM2.5 Reference Level | |
|---------------------------|-------------------|
| Period | PM2.5 |
| | µg/m ³ |
| 24 Hr | 30 |

Note : Station 35022 commissioned 06 January, 2012.



Station : 35020 **Sample Matrix** : Teflon Coated Filter
Location : Wallace Avenue, Toronto **Method** : IO-3.1
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - Number / %** : 16 / 100%

| Parameter Name | TSP | Hg Mercury | As Arsenic | Cd Cadmium | Cr Chromium | Co Cobalt | Cu Copper | Pb Lead | Mn Manganese | Ni Nickel | Se Selenium | V Vanadium | Zn Zinc |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Units | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ |
| AAQC | 120 | 2 | 0.3 | 0.025 | 0.5 | 0.1 | 50 | 0.5 | 0.4 | 0.2 | 10 | 2 | 120 |
| MDL | 3 | 0.00001 | 0.0037 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0018 | 0.00061 | 0.0018 | 0.0061 | 0.0012 | 0.0031 |
| Date | | | | | | | | | | | | | |
| 02-Jul-12 | 28 | 0.000010 | 0.00185 | 0.0006 | 0.0405 | 0.0006 | 0.0248 | 0.0086 | 0.0312 | 0.0057 | 0.00305 | 0.0258 | 0.1410 |
| 08-Jul-12 | 27 | 0.000005 | 0.00185 | 0.0006 | 0.0390 | 0.0006 | 0.0114 | 0.0082 | 0.0264 | 0.0063 | 0.00305 | 0.0256 | 0.1430 |
| 14-Jul-12 | 30 | 0.000010 | 0.00185 | 0.0006 | 0.0380 | 0.0006 | 0.0126 | 0.0117 | 0.0323 | 0.0057 | 0.00305 | 0.0255 | 0.1810 |
| 20-Jul-12 | 29 | 0.000010 | 0.00400 | 0.0006 | 0.0410 | 0.0006 | 0.0252 | 0.0093 | 0.0334 | 0.0058 | 0.00305 | 0.0252 | 0.1440 |
| 26-Jul-12 | 20 | 0.000005 | 0.00185 | 0.0006 | 0.0445 | 0.0006 | 0.0135 | 0.0086 | 0.0286 | 0.0059 | 0.00305 | 0.0278 | 0.1380 |
| 01-Aug-12 | 26 | 0.000010 | 0.00185 | 0.0006 | 0.0423 | 0.0006 | 0.0151 | 0.0081 | 0.0303 | 0.0057 | 0.00305 | 0.0253 | 0.1530 |
| 07-Aug-12 | 31 | 0.000020 | 0.00185 | 0.0006 | 0.0390 | 0.0012 | 0.0175 | 0.0113 | 0.0411 | 0.0060 | 0.00305 | 0.0259 | 0.1500 |
| 13-Aug-12 | 24 | 0.000010 | 0.00185 | 0.0006 | 0.0354 | 0.0006 | 0.0155 | 0.0086 | 0.0363 | 0.0057 | 0.00305 | 0.0226 | 0.1590 |
| 19-Aug-12 | 22 | 0.000010 | 0.00185 | 0.0006 | 0.0348 | 0.0014 | 0.0169 | 0.0090 | 0.0251 | 0.0049 | 0.00305 | 0.0225 | 0.1450 |
| 25-Aug-12 | 44 | 0.000020 | 0.00185 | 0.0006 | 0.0370 | 0.0012 | 0.0191 | 0.0128 | 0.0363 | 0.0058 | 0.00305 | 0.0237 | 0.1700 |
| 31-Aug-12 | 49 | 0.000020 | 0.00185 | 0.0006 | 0.0329 | 0.0006 | 0.0161 | 0.0092 | 0.0415 | 0.0053 | 0.00305 | 0.0209 | 0.1390 |
| 06-Sep-12 | 34 | 0.000010 | 0.00185 | 0.0006 | 0.0370 | 0.0006 | 0.0218 | 0.0115 | 0.0376 | 0.0057 | 0.00305 | 0.0231 | 0.1490 |
| 12-Sep-12 | 33 | 0.000020 | 0.00185 | 0.0006 | 0.0344 | 0.0006 | 0.0223 | 0.0092 | 0.0400 | 0.0059 | 0.00305 | 0.0169 | 0.1860 |
| 18-Sep-12 | 15 | 0.000005 | 0.00185 | 0.0006 | 0.0314 | 0.0006 | 0.0135 | 0.0068 | 0.0196 | 0.0054 | 0.00305 | 0.0161 | 0.1620 |
| 24-Sep-12 | 25 | 0.000005 | 0.00185 | 0.0006 | 0.0313 | 0.0006 | 0.0180 | 0.0065 | 0.0307 | 0.0052 | 0.00305 | 0.0152 | 0.1750 |
| 30-Sep-12 | 17 | 0.000005 | 0.00185 | 0.0006 | 0.0328 | 0.0006 | 0.0119 | 0.0053 | 0.0197 | 0.0047 | 0.00305 | 0.0160 | 0.1420 |
| Ave | 28 | 0.000011 | 0.00198 | 0.0006 | 0.0370 | 0.0007 | 0.0172 | 0.0090 | 0.0319 | 0.0056 | 0.00305 | 0.0224 | 0.1548 |
| Max | 49 | 0.000020 | 0.00400 | 0.0006 | 0.0445 | 0.0014 | 0.0252 | 0.0128 | 0.0415 | 0.0063 | 0.00305 | 0.0278 | 0.1860 |
| Min | 15 | 0.000005 | 0.00185 | 0.0006 | 0.0313 | 0.0006 | 0.0114 | 0.0053 | 0.0196 | 0.0047 | 0.00305 | 0.0152 | 0.1380 |
| No. > AAQC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Note: All non detectable results were reported as 1/2 the detection limit.

Station : 35020 **Sample Matrix** : PUF Cartridge
Location : Wallace Avenue, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - No. / %** : 13 / 81.3%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|---------------|
| | 24 Hr | | | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC No. |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.680 | 0.335 | 0.335 | 0.335 | | 0.362 | 0.680 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.990 | | | 0.900 | 0.335 | 0.650 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.740 | 0.335 | 0.335 | 0.335 | | 0.484 | 0.990 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 1.300 | | | 0.335 | 0.670 | 0.980 | 1.200 | 0.930 | 0.840 | 1.100 | 1.100 | 0.940 | 0.700 | 0.335 | 0.335 | | 0.828 | 1.300 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.770 | 0.165 | 0.480 | 0.165 | | 0.353 | 0.770 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylanthracene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 1.900 | | | 1.600 | 0.165 | 1.200 | 0.480 | 0.500 | 0.580 | 0.370 | 0.660 | 1.300 | 0.570 | 0.600 | 0.165 | | 0.776 | 1.900 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylanthracene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 1.100 | 1.100 | 0.740 | 0.380 | 0.165 | | 0.474 | 1.100 | 0.165 | x |
| Acenaphthene | x | 0.330 | 7.300 | | | 5.100 | 0.165 | 2.200 | 2.100 | 1.800 | 0.940 | 1.300 | 2.700 | 2.900 | 1.600 | 1.100 | 0.940 | | 2.319 | 7.300 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | | | 0.640 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.202 | 0.640 | 0.165 | x |
| Anthracene | x | 0.330 | 2.800 | | | 0.840 | 0.165 | 1.600 | 0.770 | 1.100 | 1.100 | 0.400 | 1.200 | 0.900 | 0.700 | 0.540 | 0.165 | | 0.945 | 2.800 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.270 | 0.335 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 0.990 | | | 0.900 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.680 | 0.335 | 0.335 | 0.335 | | 0.455 | 0.990 | 0.335 | x |
| Chrysene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.270 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 14.000 | | | 3.700 | 6.300 | 11.000 | 12.000 | 8.600 | 7.000 | 8.900 | 12.000 | 8.100 | 1.990 | 3.000 | 1.600 | | 7.553 | 14.000 | 1.600 | x |
| Fluorene | x | 0.330 | 11.000 | | | 7.000 | 0.730 | 3.500 | 4.800 | 3.400 | 1.700 | 2.600 | 4.500 | 3.700 | 1.300 | 2.500 | 2.500 | | 3.787 | 11.000 | 0.730 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 2.400 | | | 1.900 | 0.335 | 1.600 | 0.700 | 0.730 | 1.100 | 0.335 | 0.790 | 1.700 | 0.290 | 1.400 | 0.335 | | 1.047 | 2.400 | 0.290 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 1.30 | 47.00 | | | 18.00 | 19.00 | 31.00 | 42.00 | 30.00 | 29.00 | 29.00 | 33.00 | 30.00 | 8.68 | 11.00 | 7.40 | | 25.78 | 47.00 | 7.40 | x |
| p-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 5.200 | | | 1.600 | 2.400 | 4.400 | 4.900 | 3.600 | 3.000 | 3.500 | 5.000 | 3.400 | 0.770 | 1.300 | 0.840 | | 3.070 | 5.200 | 0.770 | x |
| Quinoline | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(b)anthracene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | | 0.257 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2012 to 30 September, 2012

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 13 / 81.3%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|---------------|
| | 24 Hr | | | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC No. |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.165 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2-Methylanthracene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylanthracene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.270 | 0.335 | 0.165 | x |
| Acenaphthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.270 | 0.335 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Chrysene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.270 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Fluorene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| p-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Quinoline | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(b)anthracene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | 0.335 | 0.257 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2012 to 30 September, 2012

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 13 / 81.3%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|---------------|
| | 24 Hr | | | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC No. |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.680 | 0.335 | 0.335 | 0.335 | | 0.362 | 0.680 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.990 | | | 0.900 | 0.335 | 0.650 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.740 | 0.335 | 0.335 | 0.335 | | 0.484 | 0.990 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 1.300 | | | 0.335 | 0.670 | 0.980 | 1.200 | 0.930 | 0.840 | 1.100 | 1.100 | 0.940 | 0.700 | 0.335 | 0.335 | | 0.828 | 1.300 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.770 | 0.165 | 0.480 | 0.165 | | 0.353 | 0.770 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylanthracene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 1.900 | | | 1.600 | 0.165 | 1.200 | 0.480 | 0.500 | 0.580 | 0.370 | 0.660 | 1.300 | 0.570 | 0.600 | 0.165 | | 0.776 | 1.900 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylanthracene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 1.100 | 1.100 | 0.740 | 0.380 | 0.165 | | 0.474 | 1.100 | 0.165 | x |
| Acenaphthene | x | 0.330 | 7.300 | | | 5.100 | 0.165 | 2.200 | 2.100 | 1.800 | 0.940 | 1.300 | 2.700 | 2.900 | 1.600 | 1.100 | 0.940 | | 2.319 | 7.300 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | | | 0.640 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.202 | 0.640 | 0.165 | x |
| Anthracene | x | 0.330 | 2.800 | | | 0.840 | 0.165 | 1.600 | 0.770 | 1.100 | 1.100 | 0.400 | 1.200 | 0.900 | 0.700 | 0.540 | 0.165 | | 0.945 | 2.800 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.270 | 0.335 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 0.990 | | | 0.900 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.680 | 0.335 | 0.335 | 0.335 | | 0.455 | 0.990 | 0.335 | x |
| Chrysene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.270 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 14.000 | | | 3.700 | 6.300 | 11.000 | 12.000 | 8.600 | 7.000 | 8.900 | 12.000 | 8.100 | 1.990 | 3.000 | 1.600 | | 7.553 | 14.000 | 1.600 | x |
| Fluorene | x | 0.330 | 11.000 | | | 7.000 | 0.730 | 3.500 | 4.800 | 3.400 | 1.700 | 2.600 | 4.500 | 3.700 | 1.300 | 2.500 | 2.500 | | 3.787 | 11.000 | 0.730 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 2.400 | | | 1.900 | 0.335 | 1.600 | 0.700 | 0.730 | 1.100 | 0.335 | 0.790 | 1.700 | 0.290 | 1.400 | 0.335 | | 1.047 | 2.400 | 0.290 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 1.30 | 47.00 | | | 18.00 | 19.00 | 31.00 | 42.00 | 30.00 | 29.00 | 29.00 | 33.00 | 30.00 | 8.68 | 11.00 | 7.40 | | 25.78 | 47.00 | 7.40 | x |
| p-Terphenyl | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 5.200 | | | 1.600 | 2.400 | 4.400 | 4.900 | 3.600 | 3.000 | 3.500 | 5.000 | 3.400 | 0.770 | 1.300 | 0.840 | | 3.070 | 5.200 | 0.770 | x |
| Quinoline | x | 1.30 | 0.65 | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(b)anthracene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | | 0.257 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.



Station : 35021 **Sample Matrix** : Teflon Coated Filter
Location : Weston Road, Toronto **Method** : IO-3.1
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - Number / %** : 15 / 93.8%

| Parameter | TSP | Hg | As | Cd | Cr | Co | Cu | Pb | Mn | Ni | Se | V | Zn |
|----------------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Name | | Mercury | Arsenic | Cadmium | Chromium | Cobalt | Copper | Lead | Manganese | Nickel | Selenium | Vanadium | Zinc |
| Units | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ |
| AAQC | 120 | 2 | 0.3 | 0.025 | 0.5 | 0.1 | 50 | 0.5 | 0.4 | 0.2 | 10 | 2 | 120 |
| MDL | 3 | 0.00001 | 0.0037 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0018 | 0.00061 | 0.0018 | 0.0061 | 0.0012 | 0.0031 |
| Date | Sample Invalid - Motor Failure | | | | | | | | | | | | |
| 02-Jul-12 | | | | | | | | | | | | | |
| 08-Jul-12 | 34 | 0.000005 | 0.00185 | 0.0006 | 0.0430 | 0.0006 | 0.0140 | 0.0088 | 0.0326 | 0.0066 | 0.00305 | 0.0280 | 0.1590 |
| 14-Jul-12 | 33 | 0.000010 | 0.00185 | 0.0006 | 0.0382 | 0.0006 | 0.0123 | 0.0088 | 0.0319 | 0.0056 | 0.00305 | 0.0257 | 0.1340 |
| 20-Jul-12 | 41 | 0.000010 | 0.00185 | 0.0006 | 0.0424 | 0.0012 | 0.0201 | 0.0092 | 0.0397 | 0.0062 | 0.00305 | 0.0257 | 0.1390 |
| 26-Jul-12 | 27 | 0.000005 | 0.00185 | 0.0006 | 0.0437 | 0.0006 | 0.0179 | 0.0082 | 0.0397 | 0.0059 | 0.00305 | 0.0269 | 0.1440 |
| 01-Aug-12 | 43 | 0.000010 | 0.00185 | 0.0006 | 0.0475 | 0.0006 | 0.0265 | 0.0099 | 0.0465 | 0.0067 | 0.00305 | 0.0280 | 0.1730 |
| 07-Aug-12 | 42 | 0.000020 | 0.00185 | 0.0006 | 0.0314 | 0.0006 | 0.0180 | 0.0087 | 0.0409 | 0.0048 | 0.00305 | 0.0204 | 0.1780 |
| 13-Aug-12 | 36 | 0.000010 | 0.00185 | 0.0006 | 0.0358 | 0.0006 | 0.0177 | 0.0093 | 0.0476 | 0.0052 | 0.00305 | 0.0233 | 0.1690 |
| 19-Aug-12 | 32 | 0.000010 | 0.00410 | 0.0006 | 0.0357 | 0.0006 | 0.0179 | 0.0091 | 0.0332 | 0.0051 | 0.00305 | 0.0223 | 0.1560 |
| 25-Aug-12 | 101 | 0.000040 | 0.00450 | 0.0006 | 0.0352 | 0.0016 | 0.0393 | 0.0163 | 0.0792 | 0.0070 | 0.00305 | 0.0222 | 0.2220 |
| 31-Aug-12 | 20 | 0.000005 | 0.00185 | 0.0006 | 0.0365 | 0.0006 | 0.0271 | 0.0100 | 0.0369 | 0.0052 | 0.00305 | 0.0227 | 0.1660 |
| 06-Sep-12 | 43 | 0.000020 | 0.00185 | 0.0006 | 0.0379 | 0.0006 | 0.0321 | 0.0100 | 0.0478 | 0.0068 | 0.00305 | 0.0235 | 0.1790 |
| 12-Sep-12 | 38 | 0.000020 | 0.00185 | 0.0006 | 0.0348 | 0.0006 | 0.0231 | 0.0094 | 0.0435 | 0.0058 | 0.00305 | 0.0172 | 0.1770 |
| 18-Sep-12 | 15 | 0.000005 | 0.00185 | 0.0006 | 0.0338 | 0.0006 | 0.0126 | 0.0063 | 0.0237 | 0.0048 | 0.00305 | 0.0167 | 0.1640 |
| 24-Sep-12 | 33 | 0.000005 | 0.00185 | 0.0006 | 0.0349 | 0.0036 | 0.0232 | 0.0107 | 0.0352 | 0.0122 | 0.00305 | 0.0170 | 0.1770 |
| 30-Sep-12 | 21 | 0.000005 | 0.00840 | 0.0006 | 0.0322 | 0.0006 | 0.0202 | 0.0059 | 0.0244 | 0.0049 | 0.00305 | 0.0160 | 0.1530 |
| Ave | 37 | 0.000012 | 0.00261 | 0.0006 | 0.0375 | 0.0009 | 0.0215 | 0.0094 | 0.0402 | 0.0062 | 0.00305 | 0.0224 | 0.1660 |
| Max | 101 | 0.000040 | 0.00840 | 0.0006 | 0.0475 | 0.0036 | 0.0393 | 0.0163 | 0.0792 | 0.0122 | 0.00305 | 0.0280 | 0.2220 |
| Min | 15 | 0.000005 | 0.00185 | 0.0006 | 0.0314 | 0.0006 | 0.0123 | 0.0059 | 0.0237 | 0.0048 | 0.00305 | 0.0160 | 0.1340 |
| No. > AAQC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35021
 Location : Weston Road, Toronto
 Reporting Period : 01 July, 2012 to 30 September, 2012

Sample Matrix : SUMMA Canisters
 Method : GC/MS (TO15A)
 Valid Samples - No. / % : 16 / 100%

| Parameter | AAQC | MDL | Date | | | | | | | | | | | | Ave | Max | Min | Samples > AAQC | | | | | | |
|-------------------------------|-------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|----------------|-----------|-----------|-----------|-----------|--------|---|
| | 24 Hr | | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | | | | | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | | |
| | µg/m ³ | µg/m ³ | | | | | | | | | | | | | µg/m ³ | µg/m ³ | µg/m ³ | No. | | | | | | |
| 2,2,4-Trimethylpentane | x | 0.934 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 3.640 | 0.655 | 0.655 | 0.655 | 0.700 | 0.655 | 0.467 | 0.467 | 0.467 | 0.467 | 0.727 | 3.640 | 0.467 | x | |
| Carbon Disulfide | 330 | 1.56 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 | 1.09 | 1.09 | 1.09 | 1.09 | 1.17 | 1.09 | 0.646 | 0.78 | 0.78 | 0.78 | 1.26 | 6.46 | 0.78 | 0 | |
| Propene | 4000 | 0.516 | 0.258 | 0.258 | 0.258 | 0.258 | 0.258 | 0.258 | 0.258 | 0.362 | 0.362 | 0.362 | 1.325 | 1.565 | 0.387 | 0.965 | 0.258 | 0.258 | 1.880 | 0.775 | 0.605 | 1.880 | 0.258 | 0 |
| Vinyl Acetate | x | 0.704 | 0.352 | 0.352 | 0.352 | 0.352 | 0.352 | 0.352 | 0.493 | 0.493 | 0.493 | 0.493 | 0.493 | 0.530 | 0.493 | 0.352 | 0.352 | 0.352 | 0.352 | 0.407 | 0.530 | 0.352 | x | |
| Dichlorodifluoromethane | 500000 | 0.989 | 3.4900 | 3.4800 | 3.3500 | 2.9100 | 2.9200 | 3.0300 | 5.2600 | 5.1200 | 5.3600 | 5.5900 | 2.9800 | 2.9500 | 5.1600 | 5.3700 | 3.1600 | 3.5400 | 3.9794 | 5.5900 | 2.9100 | 0 | | |
| Vinyl Chloride | 1 | 0.051 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0.0255 | 0 |
| 1,2-Dichlorotetrafluoroethane | 700000 | 1.19 | 0.595 | 0.595 | 0.595 | 0.595 | 0.595 | 0.595 | 0.595 | 0.830 | 0.830 | 0.830 | 0.830 | 0.830 | 0.830 | 0.595 | 0.595 | 0.595 | 0.595 | 0.687 | 0.890 | 0.595 | 0 | |
| 1,3-Butadiene | 10 | 0.11 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0 |
| Chloromethane | 320 | 0.620 | 1.21 | 1.19 | 1.33 | 0.31 | 0.31 | 0.31 | 1.76 | 1.89 | 1.82 | 1.82 | 1.19 | 1.23 | 1.51 | 1.64 | 0.91 | 0.95 | 1.21 | 1.89 | 0.31 | 0 | | |
| Trichlorotrifluoroethane | 800000 | 0.38 | 0.96 | 0.88 | 0.92 | 0.91 | 0.87 | 0.93 | 0.86 | 0.84 | 0.81 | 0.80 | 0.83 | 0.83 | 0.92 | 0.92 | 0.85 | 0.97 | 0.88 | 0.97 | 0.80 | 0 | | |
| Vinyl Bromide | x | 0.22 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | x | |
| Chloroethane | 5600 | 0.792 | 0.396 | 0.396 | 0.396 | 0.396 | 0.396 | 0.396 | 0.555 | 0.555 | 0.555 | 0.555 | 0.555 | 0.555 | 0.396 | 0.396 | 0.396 | 0.396 | 0.458 | 0.595 | 0.396 | 0 | | |
| Chloroform | 1 | 0.24 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.14 | 0.28 | 0.12 | 0 | |
| 1,2-Dichloroethane | 2 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0 | |
| Carbon Tetrachloride | 2.4 | 0.31 | 0.830 | 0.810 | 0.780 | 0.740 | 0.760 | 0.730 | 0.730 | 0.700 | 0.700 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0.710 | 0 |
| Trichloromethane | 6000 | 1.12 | 1.69 | 1.89 | 1.87 | 1.62 | 1.65 | 1.61 | 2.26 | 2.37 | 2.30 | 2.52 | 0.85 | 0.79 | 1.92 | 1.82 | 1.48 | 1.87 | 1.78 | 2.52 | 0.79 | 0 | | |
| Benzene | 2.3 | 0.16 | 0.82 | 0.41 | 2.50 | 0.62 | 0.73 | 0.81 | 0.74 | 0.59 | 0.95 | 1.10 | 0.70 | 1.10 | 1.10 | 0.62 | 0.61 | 0.56 | 0.87 | 2.50 | 0.41 | 1 | | |
| Ethanol | 19000 | 4.33 | 2.165 | 5.840 | 7.550 | 6.110 | 2.165 | 2.165 | 19.100 | 16.500 | 9.900 | 25.800 | 11.700 | 13.800 | 19.600 | 12.600 | 7.450 | 9.270 | 10.732 | 25.800 | 2.165 | 0 | | |
| Trichloroethylene | 12 | 0.27 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0.135 | 0 | |
| 2-propanol | 7300 | 7.37 | 3.685 | 3.685 | 3.685 | 3.685 | 3.685 | 3.685 | 3.685 | 5.150 | 5.150 | 5.150 | 5.150 | 5.150 | 3.685 | 3.685 | 3.685 | 3.685 | 4.259 | 5.550 | 3.685 | 0 | | |
| Bromodichloromethane | x | 0.34 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | x | | |
| 2-Propanone | 11880 | 1.90 | 18.40 | 11.80 | 35.40 | 10.10 | 20.90 | 13.00 | 13.30 | 14.95 | 14.30 | 19.95 | 36.80 | 15.60 | 23.60 | 19.60 | 0.95 | 8.90 | 17.35 | 36.80 | 0.95 | 0 | | |
| cis-1,3-Dichloropropene | x | 0.23 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | x | | |
| Methyl Ethyl Ketone | 1000 | 8.85 | 4.425 | 4.425 | 4.425 | 4.425 | 4.425 | 4.425 | 6.200 | 6.200 | 6.200 | 6.200 | 6.200 | 6.200 | 4.425 | 4.425 | 4.425 | 4.425 | 5.667 | 11.600 | 4.425 | 0 | | |
| trans-1,3-Dichloropropene | x | 0.23 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | 0.115 | x | | |
| 1,1,2-Trichloroethane | x | 0.22 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | x | | |
| Methyl Isobutyl Ketone | 1200 | 13.1 | 6.55 | 6.55 | 6.55 | 6.55 | 6.55 | 6.55 | 9.20 | 9.20 | 9.20 | 9.20 | 9.20 | 9.20 | 6.55 | 6.55 | 6.55 | 6.55 | 7.58 | 9.85 | 6.55 | 0 | | |
| Dibromochloromethane | x | 0.43 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | 0.215 | x | | |
| Methyl Butyl Ketone | x | 8.19 | 4.095 | 4.095 | 4.095 | 4.095 | 4.095 | 4.095 | 5.750 | 5.750 | 5.750 | 5.750 | 5.750 | 5.750 | 4.095 | 4.095 | 4.095 | 4.095 | 4.741 | 6.150 | 4.095 | x | | |
| Ethylene Dibromide | 3 | 0.38 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0 | | |
| Methyl t-butyl ether (MTBE) | 7000 | 0.721 | 0.3605 | 0.3605 | 0.3605 | 0.3605 | 0.3605 | 0.3605 | 0.5050 | 0.5050 | 0.5050 | 0.5050 | 0.5400 | 0.5050 | 0.3605 | 0.3605 | 0.3605 | 0.3605 | 0.4169 | 0.5400 | 0.3605 | 0 | | |
| 1,1,2,2-Tetrachloroethane | x | 0.34 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | x | | |
| Ethyl Acetate | x | 7.93 | 3.965 | 3.965 | 3.965 | 3.965 | 3.965 | 3.965 | 5.550 | 5.550 | 5.550 | 5.550 | 5.550 | 5.550 | 3.965 | 3.965 | 3.965 | 3.965 | 4.584 | 5.950 | 3.965 | x | | |
| 1,1-Dichloroethylene | 10 | 0.991 | 0.4955 | 0.4955 | 0.4955 | 0.4955 | 0.4955 | 0.4955 | 0.6950 | 0.6950 | 0.6950 | 0.6950 | 0.7450 | 0.6950 | 0.4955 | 0.4955 | 0.4955 | 0.4955 | 0.5734 | 0.7450 | 0.4955 | 0 | | |
| Benzyl chloride | x | 0.26 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | x | | |
| cis-1,2-Dichloroethylene | 105 | 0.753 | 0.3765 | 0.3765 | 0.3765 | 0.3765 | 0.3765 | 0.3765 | 0.5250 | 0.5250 | 0.5250 | 0.5250 | 0.5650 | 0.5250 | 0.3765 | 0.3765 | 0.3765 | 0.3765 | 0.4347 | 0.5650 | 0.3765 | 0 | | |
| Hexachlorobutadiene | x | 0.53 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | 0.265 | x | | |
| trans-1,2-Dichloroethylene | 105 | 0.793 | 0.3965 | 0.3965 | 0.3965 | 0.3965 | 0.3965 | 0.3965 | 0.5550 | 0.5550 | 0.5550 | 0.5550 | 0.5950 | 0.5550 | 0.3965 | 0.3965 | 0.3965 | 0.3965 | 0.4584 | 0.5950 | 0.3965 | 0 | | |
| Methylene Chloride | 220 | 2.78 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 1.39 | 3.54 | 26.00 | 14.50 | 12.50 | 9.22 | 2.09 | 1.39 | 1.39 | 1.39 | 1.39 | 5.14 | 26.00 | 1.39 | 0 | | |
| 1,1-Dichloroethane | 165 | 0.809 | 0.4045 | 0.4045 | 0.4045 | 0.4045 | 0.4045 | 0.4045 | 0.5650 | 0.5650 | 0.5650 | 0.5650 | 0.6050 | 0.5650 | 0.4045 | 0.4045 | 0.4045 | 0.4045 | 0.4672 | 0.6050 | 0.4045 | 0 | | |
| 1,1,1-Trichloroethane | 115000 | 1.64 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | 1.15 | 1.15 | 1.15 | 1.15 | 1.23 | 1.15 | 0.82 | 0.82 | 0.82 | 0.82 | 0.95 | 1.23 | 0.82 | 0 | | |
| 1,2-Dichloropropane | 2400 | 1.85 | 0.925 | 0.925 | 0.925 | 0.925 | 0.925 | 0.925 | 1.295 | 1.295 | 1.295 | 1.295 | 1.385 | 1.295 | 0.925 | 0.925 | 0.925 | 0.925 | 1.069 | 1.385 | 0.925 | 0 | | |
| Bromomethane | 1350 | 0.699 | 0.3495 | 0.3495 | 0.3495 | 0.3495 | 0.3495 | 0.3495 | 0.4895 | 0.4895 | 0.4895 | 0.4895 | 0.5250 | 0.4895 | 0.3495 | 0.3495 | 0.3495 | 0.3495 | 0.4042 | 0.5250 | 0.3495 | 0 | | |
| Bromoform | 55 | 2.07 | 1.035 | 1.035 | 1.035 | 1.035 | 1.035 | 1.035 | 1.445 | 1.445 | 1.445 | 1.445 | 1.550 | 1.445 | 1.035 | 1.035 | 1.035 | 1.035 | 1.195 | 1.550 | 1.035 | 0 | | |
| Heptane | 11000 | 1.23 | 0.615 | 0.615 | 0.615 | 0.615 | 0.615 | 0.615 | 0.860 | 0.860 | 0.860 | 0.860 | 0.920 | 0.860 | 0.615 | 0.615 | 0.615 | 0.615 | 0.711 | 0.920 | 0.615 | 0 | | |
| Tetrachloroethylene | 360 | 1.36 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | 0.95 | 0.95 | 0.95 | 0.95 | 1.02 | 0.95 | 0.68 | 0.68 | 0.68 | 0.68 | 0.79 | 1.02 | 0.68 | 0 | | |
| Toluene | 2000 | 0.753 | 1.98 | 1.26 | 1.21 | 1.13 | 1.45 | 1.92 | 5.20 | 2.50 | 3.36 | 5.72 | 1.38 | 3.28 | 6.19 | 1.97 | 2.48 | 1.66 | 2.67 | 6.19 | 1.13 | 0 | | |
| Ethylbenzene | 1000 | 0.868 | 0.434 | 0.434 | 0.434 | 0.434 | 0.434 | 0.434 | 0.610 | 0.610 | 0.610 | 1.410 | 0.650 | 0.610 | 1.210 | 0.434 | 0.434 | 0.434 | 0.601 | 1.410 | 0.434 | 0 | | |
| p+m-Xylene | 730 | 1.61 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 1.125 | 1.125 | 1.125 | 3.400 | 1.205 | 1.125 | 3.590 | 0.805 | 0.805 | 0.805 | 1.246 | 3.590 | 0.805 | 0 | | |
| o-Xylene | 730 | 0.868 | 0.434 | 0.434 | 0.434 | 0.434 | 0.434 | 0.434 | 0.610 | 0.610 | 0.610 | 1.310 | 0.650 | 0.610 | 1.040 | 0.434 | 0.434 | 0.434 | 0.584 | 1.310 | 0.434 | 0 | | |
| Styrene | 400 | 0.852 | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 | 0.426 | 0.595 | 0.595 | 0.595 | 0.595 | 0.640 | 0.595 | 0.426 | 0.426 | 0.426 | 0.42 | | | | | | |

Station : 35021 **Sample Matrix** : PUF Cartridge
Location : Weston Road, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - No. / %** : 15 / 93.8%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------------------|-------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|--------|---------|
| | 24 Hr | | At Laboratory - Awaiting Results | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC | |
| | ng/m ³ | ng/m ³ | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | No. | |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.940 | 0.700 | 0.335 | 0.335 | | 0.400 | 0.940 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 1.200 | 0.335 | 0.335 | 0.335 | 0.335 | 0.650 | 0.335 | 0.335 | 1.400 | 0.335 | 0.335 | 0.335 | | 0.485 | 1.400 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 1.300 | 0.790 | 0.335 | 2.100 | 0.770 | 1.600 | 0.840 | 0.850 | 0.710 | 1.600 | 0.335 | 1.200 | 0.335 | 0.335 | 0.335 | | 0.896 | 2.100 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 1.600 | 0.500 | 0.320 | 0.165 | | 0.418 | 1.600 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylantracene | x | 0.670 | 0.335 | 0.335 | 1.100 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.386 | 1.100 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 1.200 | 0.540 | 0.340 | 2.200 | 0.710 | 0.470 | 0.350 | 0.980 | 1.200 | 0.880 | 1.100 | 2.400 | 1.100 | 0.520 | 0.165 | | 0.944 | 2.400 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylantracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.670 | 1.400 | 0.530 | 0.320 | 0.165 | | 0.429 | 1.400 | 0.165 | x |
| Acenaphthene | x | 0.330 | 8.100 | 2.900 | 0.165 | 15.000 | 2.200 | 2.900 | 0.390 | 5.600 | 4.300 | 1.600 | 5.600 | 13.000 | 0.530 | 1.300 | 0.165 | | 4.250 | 15.000 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.520 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.189 | 0.520 | 0.165 | x |
| Anthracene | x | 0.330 | 4.500 | 2.500 | 8.900 | 9.200 | 0.165 | 5.600 | 0.580 | 1.300 | 1.400 | 1.700 | 0.630 | 2.400 | 20.000 | 0.480 | 0.480 | | 3.989 | 20.000 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.278 | 0.335 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 1.100 | 0.335 | 0.335 | 2.200 | 0.335 | 0.335 | 0.335 | 0.720 | 0.780 | 0.335 | 0.700 | 2.000 | 0.335 | 0.335 | 0.335 | | 0.701 | 2.200 | 0.335 | x |
| Chrysene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.278 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 12.000 | 6.700 | 2.100 | 21.000 | 7.100 | 18.000 | 5.600 | 6.600 | 5.100 | 15.000 | 3.700 | 10.000 | 2.800 | 2.300 | 1.300 | | 7.953 | 21.000 | 1.300 | x |
| Fluorene | x | 0.330 | 14.000 | 6.700 | 1.400 | 17.000 | 4.400 | 18.000 | 4.600 | 11.000 | 5.900 | 13.000 | 9.400 | 14.000 | 1.300 | 3.600 | 1.100 | | 8.360 | 18.000 | 1.100 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 1.400 | 0.760 | 0.335 | 2.200 | 0.840 | 0.740 | 0.335 | 1.200 | 1.200 | 1.200 | 1.500 | 2.000 | 1.400 | 0.710 | 0.335 | | 1.077 | 2.200 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 0.330 | 90.00 | 45.00 | 7.50 | 170.00 | 32.00 | 100.00 | 32.00 | 40.00 | 40.00 | 110.00 | 26.00 | 52.00 | 21.00 | 10.00 | 8.90 | | 52.29 | 170.00 | 7.50 | x |
| p-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 5.000 | 2.700 | 0.790 | 9.100 | 2.800 | 7.500 | 2.300 | 2.700 | 2.100 | 5.700 | 1.800 | 4.700 | 1.200 | 1.100 | 0.710 | | 3.347 | 9.100 | 0.710 | x |
| Quinoline | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(b)anthracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | | 0.267 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2012 to 30 September, 2012

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 93.8%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------------------|-------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|--------|---------|
| | 24 Hr | | At Laboratory - Awaiting Results | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC | |
| | ng/m ³ | ng/m ³ | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | No. | |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.165 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2-Methylantracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylantracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Acenaphthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Chrysene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Fluorene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| p-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Quinoline | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(b)anthracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2012 to 30 September, 2012

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 93.8%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------------------|-------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|--------|---------|
| | 24 Hr | | At Laboratory - Awaiting Results | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC | |
| | ng/m ³ | ng/m ³ | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | No. | |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.940 | 0.700 | 0.335 | 0.335 | | 0.400 | 0.940 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 1.200 | 0.335 | 0.335 | 0.335 | 0.335 | 0.650 | 0.335 | 0.335 | 1.400 | 0.335 | 0.335 | 0.335 | | 0.485 | 1.400 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 1.300 | 0.790 | 0.335 | 2.100 | 0.770 | 1.600 | 0.840 | 0.850 | 0.710 | 1.600 | 0.335 | 1.200 | 0.335 | 0.335 | 0.335 | | 0.896 | 2.100 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 1.600 | 0.500 | 0.320 | 0.165 | | 0.418 | 1.600 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylantracene | x | 0.670 | 0.335 | 0.335 | 1.100 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.386 | 1.100 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 1.200 | 0.540 | 0.340 | 2.200 | 0.710 | 0.470 | 0.350 | 0.980 | 1.200 | 0.880 | 1.100 | 2.400 | 1.100 | 0.520 | 0.165 | | 0.944 | 2.400 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylantracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.670 | 1.400 | 0.530 | 0.320 | 0.165 | | 0.429 | 1.400 | 0.165 | x |
| Acenaphthene | x | 0.330 | 8.100 | 2.900 | 0.165 | 15.000 | 2.200 | 2.900 | 0.390 | 5.600 | 4.300 | 1.600 | 5.600 | 13.000 | 0.530 | 1.300 | 0.165 | | 4.250 | 15.000 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.520 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.189 | 0.520 | 0.165 | x |
| Anthracene | x | 0.330 | 4.500 | 2.500 | 8.900 | 9.200 | 0.165 | 5.600 | 0.580 | 1.300 | 1.400 | 1.700 | 0.630 | 2.400 | 20.000 | 0.480 | 0.480 | | 3.989 | 20.000 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.278 | 0.335 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 1.100 | 0.335 | 0.335 | 2.200 | 0.335 | 0.335 | 0.335 | 0.720 | 0.780 | 0.335 | 0.700 | 2.000 | 0.335 | 0.335 | 0.335 | | 0.701 | 2.200 | 0.335 | x |
| Chrysene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.278 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 12.000 | 6.700 | 2.100 | 21.000 | 7.100 | 18.000 | 5.600 | 6.600 | 5.100 | 15.000 | 3.700 | 10.000 | 2.800 | 2.300 | 1.300 | | 7.953 | 21.000 | 1.300 | x |
| Fluorene | x | 0.330 | 14.000 | 6.700 | 1.400 | 17.000 | 4.400 | 18.000 | 4.600 | 11.000 | 5.900 | 13.000 | 9.400 | 14.000 | 1.300 | 3.600 | 1.100 | | 8.360 | 18.000 | 1.100 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 1.400 | 0.760 | 0.335 | 2.200 | 0.840 | 0.740 | 0.335 | 1.200 | 1.200 | 1.200 | 1.500 | 2.000 | 1.400 | 0.710 | 0.335 | | 1.077 | 2.200 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 1.30 | 90.00 | 45.00 | 7.50 | 170.00 | 32.00 | 100.00 | 32.00 | 40.00 | 40.00 | 110.00 | 26.00 | 52.00 | 21.00 | 10.00 | 8.90 | | 52.29 | 170.00 | 7.50 | x |
| p-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 5.000 | 2.700 | 0.790 | 9.100 | 2.800 | 7.500 | 2.300 | 2.700 | 2.100 | 5.700 | 1.800 | 4.700 | 1.200 | 1.100 | 0.710 | | 3.347 | 9.100 | 0.710 | x |
| Quinoline | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(b)anthracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | | 0.267 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35022 **Sample Matrix** : Teflon Coated Filter
Location : Strachan Avenue, Toronto **Method** : IO-3.1
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - Number / %** : 16 / 100%

| Parameter Name | TSP | Hg Mercury | As Arsenic | Cd Cadmium | Cr Chromium | Co Cobalt | Cu Copper | Pb Lead | Mn Manganese | Ni Nickel | Se Selenium | V Vanadium | Zn Zinc |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Units | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ | µg/m ³ |
| AAQC | 120 | 2 | 0.3 | 0.025 | 0.5 | 0.1 | 50 | 0.5 | 0.4 | 0.2 | 10 | 2 | 120 |
| MDL | 3 | 0.00001 | 0.0037 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0018 | 0.00061 | 0.0018 | 0.0061 | 0.0012 | 0.0031 |
| Date | | | | | | | | | | | | | |
| 02-Jul-12 | 56 | 0.000010 | 0.00185 | 0.0006 | 0.0368 | 0.0006 | 0.0202 | 0.0124 | 0.0461 | 0.0060 | 0.00305 | 0.0237 | 0.1690 |
| 08-Jul-12 | 29 | 0.000005 | 0.00185 | 0.0006 | 0.0389 | 0.0006 | 0.0097 | 0.0086 | 0.0288 | 0.0057 | 0.00305 | 0.0258 | 0.1320 |
| 14-Jul-12 | 43 | 0.000020 | 0.00185 | 0.0006 | 0.0385 | 0.0006 | 0.0129 | 0.0107 | 0.0347 | 0.0059 | 0.00305 | 0.0260 | 0.1450 |
| 20-Jul-12 | 49 | 0.000020 | 0.00400 | 0.0006 | 0.0459 | 0.0013 | 0.0188 | 0.0129 | 0.0401 | 0.0067 | 0.00305 | 0.0285 | 0.1900 |
| 26-Jul-12 | 37 | 0.000005 | 0.00185 | 0.0006 | 0.0443 | 0.0013 | 0.0164 | 0.0086 | 0.0344 | 0.0066 | 0.00305 | 0.0279 | 0.1370 |
| 01-Aug-12 | 46 | 0.000010 | 0.00185 | 0.0006 | 0.0445 | 0.0013 | 0.0162 | 0.0102 | 0.0377 | 0.0067 | 0.00305 | 0.0279 | 0.1760 |
| 07-Aug-12 | 43 | 0.000020 | 0.00185 | 0.0006 | 0.0293 | 0.0006 | 0.0180 | 0.0095 | 0.0446 | 0.0051 | 0.00305 | 0.0190 | 0.1410 |
| 13-Aug-12 | 32 | 0.000010 | 0.00185 | 0.0006 | 0.0333 | 0.0006 | 0.0171 | 0.0091 | 0.0338 | 0.0050 | 0.00305 | 0.0220 | 0.1540 |
| 19-Aug-12 | 39 | 0.000010 | 0.00410 | 0.0006 | 0.0325 | 0.0006 | 0.0185 | 0.0105 | 0.0309 | 0.0048 | 0.00305 | 0.0214 | 0.1530 |
| 25-Aug-12 | 118 | 0.000020 | 0.00380 | 0.0006 | 0.0311 | 0.0018 | 0.0266 | 0.0221 | 0.0754 | 0.0070 | 0.00305 | 0.0211 | 0.1630 |
| 31-Aug-12 | 86 | 0.000020 | 0.00185 | 0.0006 | 0.0343 | 0.0013 | 0.0193 | 0.0112 | 0.0538 | 0.0062 | 0.00305 | 0.0225 | 0.1440 |
| 06-Sep-12 | 53 | 0.000020 | 0.00185 | 0.0006 | 0.0298 | 0.0006 | 0.0248 | 0.0083 | 0.0412 | 0.0055 | 0.00305 | 0.0143 | 0.1650 |
| 12-Sep-12 | 98 | 0.000040 | 0.00400 | 0.0006 | 0.0368 | 0.0014 | 0.0306 | 0.0178 | 0.0778 | 0.0078 | 0.00305 | 0.0187 | 0.1960 |
| 18-Sep-12 | 22 | 0.000005 | 0.00185 | 0.0006 | 0.0337 | 0.0006 | 0.0131 | 0.0076 | 0.0225 | 0.0053 | 0.00305 | 0.0160 | 0.2010 |
| 24-Sep-12 | 43 | 0.000010 | 0.00185 | 0.0006 | 0.0362 | 0.0006 | 0.0231 | 0.0089 | 0.0565 | 0.0091 | 0.00305 | 0.0168 | 0.1660 |
| 30-Sep-12 | 30 | 0.000005 | 0.00185 | 0.0006 | 0.0310 | 0.0006 | 0.0153 | 0.0060 | 0.0250 | 0.0052 | 0.00305 | 0.0159 | 0.1370 |
| Ave | 52 | 0.000014 | 0.00238 | 0.0006 | 0.0361 | 0.0009 | 0.0188 | 0.0109 | 0.0427 | 0.0062 | 0.00305 | 0.0217 | 0.1606 |
| Max | 118 | 0.000040 | 0.00410 | 0.0006 | 0.0459 | 0.0018 | 0.0306 | 0.0221 | 0.0778 | 0.0091 | 0.00305 | 0.0285 | 0.2010 |
| Min | 22 | 0.000005 | 0.00185 | 0.0006 | 0.0293 | 0.0006 | 0.0097 | 0.0060 | 0.0225 | 0.0048 | 0.00305 | 0.0143 | 0.1320 |
| No. > AAQC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Note: All non detectable results were reported as 1/2 the detection limit.

Station : 35022 **Sample Matrix** : PUF Cartridge
Location : Strachan Avenue, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - No. / %** : 14 / 87.5%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------------------|-------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|---------|
| | 24 Hr | | At Laboratory - Awaiting Results | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC |
| | ng/m ³ | ng/m ³ | | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | No. |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.680 | 0.740 | 0.335 | 0.690 | 0.335 | | 0.414 | 0.740 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.980 | 0.650 | 0.335 | 2.400 | 0.670 | 0.980 | | 0.900 | 0.770 | 0.335 | 1.400 | 1.200 | 0.335 | 0.335 | 0.335 | | 0.830 | 2.400 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 5.000 | 4.900 | 6.200 | 5.800 | 5.600 | 3.200 | | 3.000 | 1.300 | 4.200 | 2.500 | 1.700 | 1.100 | 0.950 | 0.335 | | 3.270 | 6.200 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.880 | 1.100 | 0.165 | 0.660 | 0.360 | | 0.441 | 1.100 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylantracene | x | 0.670 | 0.910 | 1.200 | 0.870 | 0.960 | 1.000 | 0.660 | | 0.335 | 0.335 | 0.335 | 0.680 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.616 | 1.200 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 1.800 | 1.300 | 1.200 | 4.500 | 1.400 | 1.900 | | 1.700 | 1.400 | 0.710 | 2.500 | 2.300 | 0.490 | 0.980 | 0.520 | | 1.621 | 4.500 | 0.490 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylantracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 2.800 | 1.900 | 1.300 | 1.300 | 0.460 | | 0.770 | 2.800 | 0.335 | x |
| Acenaphthene | x | 0.330 | 18.000 | 6.900 | 10.000 | 14.000 | 6.900 | 8.700 | | 6.200 | 6.200 | 3.900 | 8.500 | 7.800 | 1.500 | 4.900 | 1.900 | | 7.529 | 18.000 | 1.500 | x |
| Acenaphthylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.510 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.190 | 0.510 | 0.165 | x |
| Anthracene | x | 0.330 | 14.000 | 17.000 | 11.000 | 18.000 | 18.000 | 9.000 | | 6.400 | 2.700 | 5.800 | 7.100 | 3.200 | 1.600 | 2.300 | 0.820 | | 8.351 | 18.000 | 0.820 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 1.40 | 1.30 | 1.70 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.83 | 1.70 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.274 | 0.335 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Biphenyl | x | 0.670 | 1.700 | 0.690 | 0.840 | 2.200 | 0.730 | 0.980 | | 0.770 | 0.335 | 0.335 | 1.000 | 0.970 | 0.335 | 0.335 | 0.335 | | 0.825 | 2.200 | 0.335 | x |
| Chrysene | x | 0.330 | 0.340 | 0.360 | 0.420 | 1.165 | 0.400 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.226 | 0.420 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.274 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 51.000 | 53.000 | 60.000 | 51.000 | 59.000 | 39.000 | | 28.000 | 13.000 | 43.000 | 33.000 | 20.000 | 12.000 | 11.000 | 3.500 | | 34.036 | 60.000 | 3.500 | x |
| Fluorene | x | 0.330 | 29.000 | 14.000 | 17.000 | 21.000 | 27.000 | 13.000 | | 13.000 | 8.500 | 22.000 | 12.000 | 14.000 | 4.500 | 12.000 | 4.400 | | 15.100 | 29.000 | 4.400 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 1.900 | 1.200 | 1.200 | 4.400 | 1.200 | 2.400 | | 1.700 | 1.800 | 0.670 | 2.200 | 2.400 | 0.335 | 0.980 | 0.335 | | 1.623 | 4.400 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 1.30 | 240.00 | 300.00 | 220.00 | 250.00 | 330.00 | 150.00 | | 140.00 | 83.00 | 230.00 | 98.00 | 90.00 | 53.00 | 48.00 | 18.00 | | 160.71 | 330.00 | 18.00 | x |
| p-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 20.000 | 21.000 | 24.000 | 22.000 | 25.000 | 16.000 | | 12.000 | 5.200 | 17.000 | 14.000 | 8.200 | 4.700 | 4.300 | 1.500 | | 13.921 | 25.000 | 1.500 | x |
| Quinoline | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(b)anthracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | | 0.274 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35022 **Sample Matrix** : 102mm GF Filter
Location : Strachan Avenue, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 July, 2012 to 30 September, 2012 **Valid Samples - No. / %** : 14 / 87.5%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------------------|-------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|---------|
| | 24 Hr | | At Laboratory - Awaiting Results | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC |
| | ng/m ³ | ng/m ³ | | | | | | | | | | | | | | | | | | | | No. |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.299 | 0.335 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2-Methylantracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylantracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.274 | 0.335 | 0.165 | x |
| Acenaphthene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Acenaphthylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 1.100 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.232 | 1.100 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.750 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.380 | 0.580 | 0.165 | 0.165 | 0.110 | 0.165 | 0.165 | 0.165 | 0.248 | 0.750 | 0.110 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.360 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.288 | 0.360 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.750 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.207 | 0.750 | 0.165 | x |
| Biphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Chrysene | x | 0.330 | 0.340 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.380 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.193 | 0.380 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.274 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 0.650 | 0.165 | 0.420 | 0.340 | 0.165 | 0.520 | | 0.165 | 0.380 | 0.770 | 0.360 | 0.165 | 0.130 | 0.165 | 0.165 | 0.165 | 0.326 | 0.770 | 0.130 | x |
| Fluorene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 0.330 | 0.340 | 0.165 | 0.340 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.350 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.203 | 0.350 | 0.165 | x |
| p-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Pyrene | x | 0.330 | 0.420 | 0.165 | 0.165 | 0.165 | 0.165 | 0.100 | | 0.165 | 0.165 | 0.580 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.208 | 0.580 | 0.100 | x |
| Quinoline | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Benzo(b)anthracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | x |
| Triphenylene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | 0.335 | 0.274 | 0.335 | 0.165 | x |

Note: All non detectable results were reported as ½ the detection limit.

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 July, 2012 to 30 September, 2012

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 14 / 87.5%

| Parameter | AAQC | MDL | 02-Jul-12 | 08-Jul-12 | 14-Jul-12 | 20-Jul-12 | 26-Jul-12 | 01-Aug-12 | 07-Aug-12 | 13-Aug-12 | 19-Aug-12 | 25-Aug-12 | 31-Aug-12 | 06-Sep-12 | 12-Sep-12 | 18-Sep-12 | 24-Sep-12 | 30-Sep-12 | Ave | Max | Min | Samples |
|---------------------------------|-------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|---------|
| | 24 Hr | | | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | > AAQC |
| | ng/m ³ | ng/m ³ | | | | | | | | | | | | | | | | | ng/m ³ | ng/m ³ | ng/m ³ | No. |
| 1,2-Dimethylnaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.680 | 0.740 | 0.335 | 0.690 | 0.335 | | 0.414 | 0.740 | 0.335 | x |
| 1-Methylnaphthalene | x | 0.670 | 0.980 | 0.650 | 0.335 | 2.400 | 0.670 | 0.980 | | 0.900 | 0.770 | 0.335 | 1.400 | 1.200 | 0.335 | 0.335 | 0.335 | | 0.830 | 2.400 | 0.335 | x |
| 1-Methylphenanthrene | x | 0.670 | 5.000 | 4.900 | 6.200 | 5.800 | 5.600 | 3.200 | | 3.000 | 1.300 | 4.200 | 2.500 | 1.700 | 1.100 | 0.950 | 0.335 | | 3.270 | 6.200 | 0.335 | x |
| 2,6 & 2,7-Dimethylnaphthalene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.880 | 1.100 | 0.165 | 0.660 | 0.360 | | 0.441 | 1.100 | 0.165 | x |
| 2-Chloronaphthalene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| 2-Methylantracene | x | 0.670 | 0.910 | 1.200 | 0.870 | 0.960 | 1.000 | 0.660 | | 0.335 | 0.335 | 0.335 | 0.680 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.616 | 1.200 | 0.335 | x |
| 2-Methylnaphthalene | x | 0.330 | 1.800 | 1.300 | 1.200 | 4.500 | 1.400 | 1.900 | | 1.700 | 1.400 | 0.710 | 2.500 | 2.300 | 0.490 | 0.980 | 0.520 | | 1.621 | 4.500 | 0.490 | x |
| 3-Methylcholanthrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 7,12-Dimethylbenzo(a)anthracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9,10-Dimethylantracene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| 9-Methylphenanthrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 2.800 | 1.900 | 1.300 | 1.300 | 0.460 | | 0.770 | 2.800 | 0.335 | x |
| Acenaphthene | x | 0.330 | 18.000 | 6.900 | 10.000 | 14.000 | 6.900 | 8.700 | | 6.200 | 6.200 | 3.900 | 8.500 | 7.800 | 1.500 | 4.900 | 1.900 | | 7.529 | 18.000 | 1.500 | x |
| Acenaphthylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.510 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.190 | 0.510 | 0.165 | x |
| Anthracene | x | 0.330 | 14.000 | 17.000 | 11.000 | 18.000 | 18.000 | 9.000 | | 6.400 | 2.700 | 5.800 | 7.100 | 3.200 | 1.600 | 2.300 | 0.820 | | 8.351 | 18.000 | 0.820 | x |
| Benzo(a)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 1.100 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.232 | 1.100 | 0.165 | x |
| Benzo(a)fluorene | x | 1.30 | 1.40 | 1.30 | 1.70 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.83 | 1.70 | 0.65 | x |
| Benzo(a)pyrene | 0.05 | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0 |
| Benzo(b)fluoranthene | x | 0.330 | 0.750 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.380 | 0.580 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.252 | 0.750 | 0.165 | x |
| Benzo(b)fluorene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(e)pyrene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Benzo(g,h,i)perylene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Benzo(j)fluoranthene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.360 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.288 | 0.360 | 0.165 | x |
| Benzo(k)fluoranthene | x | 0.330 | 0.750 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.207 | 0.750 | 0.165 | x |
| Biphenyl | x | 0.670 | 1.700 | 0.690 | 0.840 | 2.200 | 0.730 | 0.980 | | 0.770 | 0.335 | 0.335 | 1.000 | 0.970 | 0.335 | 0.335 | 0.335 | | 0.825 | 2.200 | 0.335 | x |
| Chrysene | x | 0.330 | 0.680 | 0.360 | 0.420 | 1.165 | 0.400 | 0.165 | | 0.165 | 0.165 | 0.380 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.266 | 0.680 | 0.165 | x |
| Coronene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenz(a,h)anthracene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| Dibenzo(a,e)pyrene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Dibenzo(a,i)pyrene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.274 | 0.335 | 0.165 | x |
| Fluoranthene | x | 0.330 | 52.000 | 53.000 | 60.000 | 51.000 | 59.000 | 40.000 | | 28.000 | 13.000 | 44.000 | 33.000 | 20.000 | 12.000 | 11.000 | 3.500 | | 34.250 | 60.000 | 3.500 | x |
| Fluorene | x | 0.330 | 29.000 | 14.000 | 17.000 | 21.000 | 27.000 | 13.000 | | 13.000 | 8.500 | 22.000 | 12.000 | 14.000 | 4.500 | 12.000 | 4.400 | | 15.100 | 29.000 | 4.400 | x |
| Indeno(1,2,3-cd)pyrene | x | 0.330 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | | 0.165 | 0.165 | 0.165 | x |
| m-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Naphthalene | 22500 | 0.670 | 1.900 | 1.200 | 1.200 | 4.400 | 1.200 | 2.400 | | 1.700 | 1.800 | 0.670 | 2.200 | 2.400 | 0.335 | 0.980 | 0.335 | | 1.623 | 4.400 | 0.335 | 0 |
| o-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | x |
| Perylene | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Phenanthrene | x | 1.30 | 240.00 | 300.00 | 220.00 | 250.00 | 330.00 | 150.00 | | 140.00 | 83.00 | 230.00 | 98.00 | 90.00 | 53.00 | 48.00 | 18.00 | | 160.71 | 330.00 | 18.00 | x |
| p-Terphenyl | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.34 | 0.34 | 0.34 | x |
| Pyrene | x | 0.330 | 20.000 | 21.000 | 24.000 | 22.000 | 25.000 | 16.000 | | 12.000 | 5.200 | 18.000 | 14.000 | 8.200 | 4.700 | 4.300 | 1.500 | | 13.99 | 25.00 | 1.50 | x |
| Quinoline | x | 1.30 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | 0.65 | 0.65 | 0.65 | x |
| Tetralin | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.34 | 0.34 | 0.34 | x |
| Benzo(b)anthracene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.34 | 0.34 | 0.34 | x |
| Dibenzo(a,c)anthracene + Picene | x | 0.670 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.34 | 0.34 | 0.34 | x |
| Triphenylene | x | 0.330 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | 0.335 | | 0.165 | 0.165 | 0.165 | 0.165 | 0.165 | 0.335 | 0.335 | 0.335 | | 0.27 | 0.34 | 0.17 | x |

Note: All non detectable results were reported as ½ the detection limit.