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A Division of METROLINX

Data Summary
Q2, 2014

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)	O. Reg 419/05	Ontario Regulation 419/05	
34)	CWS	Canada Wide Standard	
35)	WHO	World Health Organization	
36)	EST	Eastern Standard Time	
37)	Clock Average	1 Hr Clock Average (i.e. 09:00 to 10:00) 24 Hr Clock Average (i.e. 00:00 to 23:00)	
38)	Running Average	Creating a series of averages of varying subset time frames of the full dataset.	



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**Metrolinx Air Monitoring Network
Statistics 2014**

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/m ³	µg/m ³	ppb	ppm	µg/m ³	ppb	ppb	ppb	%	%	%	%	%	%					
35020	January	5	0.81	45	1.26	12	2.09	91	13	2.14	92	37	72	1.0	0.25	11	10	18	28	99.7	99.7	99.9	99.7	99.7	99.7						
	February	2	0.83	57	1.38	12	2.18	118	15	2.21	120	36	79	0.8	0.31	16	19	24	43	99.9	99.9	100.0	99.9	99.9	99.9						
	March	4	0.55	41	0.94	15	1.67	93	17	1.79	121	39	223	0.8	0.25	13	9	17	26	99.9	99.9	99.9	99.9	99.9	99.9						
	April	3	0.41	36	0.54	17	0.77	64	24	0.89	75	21	60	0.5	0.24	10	6	17	23	99.7	94.2	99.9	99.4	99.4	99.4						
	May	1	0.43	28	0.78	5	1.04	53	6	1.05	65	34	105	0.2	0.20	11	7	14	21	94.2	94.2	94.5	94.2	94.2	94.2						
	June	1	0.29	24	0.43	2	0.60	42	2	0.64	43	22	74	0.0	0.16	11	6	12	18	99.7	99.6	99.6	99.6	99.6	99.6						
	Q1 Arithmetic Mean														0.9	0.27	13	13	20	32	99.8	99.8	99.9	99.8	99.8	99.8					
Q2 Arithmetic Mean														0.2	0.20	11	6	14	21	97.9	96.0	98.0	97.7	97.7	97.7						

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	SO2	PM2.5	
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
35020	January	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
	February	0	0	0	0	0	0	0	0	0	0	8	4	0	4	
	March	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
	April	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	1	0	0	1	
	June	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	12	4	0	8	
Q2 Total		0	0	0	0	0	0	0	0	0	1	0	0	1		

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	ppb	ppm	ppm	µg/m³	µg/m³	ppb	ppm	µg/m³	ppb	ppb	ppb	%	%	%	%
35021	January	5	0.87	59	1.21			10	1.90	91	11	1.95	93	38		60		1.2	0.26	10	12	20	32	99.6	99.6	99.7	99.6	99.6	99.6
	February	2	0.67	52	0.95			15	1.60	88	21	1.66	89	33		56		0.6	0.32	15	19	26	45	99.7	99.7	100.0	99.7	99.7	99.7
	March	4	0.54	45	0.82			14	1.29	83	15	1.33	85	25		46		0.8	0.24	10	8	19	27	99.9	99.9	100.0	99.9	99.9	99.9
	April	2	0.37	39	0.50			7	0.69	63	8	0.79	70	18		39		0.6	0.20	9	6	17	23	99.6	91.4	99.6	99.6	99.6	99.6
	May	2	0.27	28	0.53			8	0.79	48	11	0.83	50	30		87		0.4	0.13	10	5	13	18	99.7	99.7	100.0	99.7	99.7	99.7
	June	1	0.32	24	0.49			2	0.66	52	4	0.76	54	31		50		0.3	0.16	10	4	14	18	99.2	99.9	99.2	99.3	99.3	99.3
	Q1 Arithmetic Mean																		0.9	0.27	12	13	22	35	99.7	99.7	99.9	99.7	99.7
Q2 Arithmetic Mean																		0.4	0.16	10	5	15	20	99.5	97.0	99.6	99.5	99.5	99.5

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.
35021	January	0	0	0			0	0	0	0	0	0	0	1	0	1
	February	0	0	0			0	0	0	0	0	0	0	5	0	4
	March	0	0	0			0	0	0	0	0	0	0	0	0	0
	April	0	0	0			0	0	0	0	0	0	0	0	0	0
	May	0	0	0			0	0	0	0	0	0	0	1	0	0
	June	0	0	0			0	0	0	0	0	0	0	1	0	1
	Q1 Total		0	0	0			0	0	0	0	0	0	0	6	0
Q2 Total		0	0	0			0	0	0	0	0	0	0	2	0	1

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	23.9	8.2	3.3	0.1	-23.1	-7.3	30.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	February	19.6	6.3	5.8	0.1	-17.9	-6.7	44.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	March	18.3	11.2	1.2	0.4	-18.0	-2.7	18.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	April	20.2	21.8	13.3	0.0	-4.8	7.1	107.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	May	16.2	30.1	5.8	0.1	4.6	15.3	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	June	13.4	30.4	41.5	0.1	10.8	20.6	118.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Q1 Total							94.1							
Q2 Total							282.1								
Q1 Arithmetic Mean							-5.5		98.6	98.6	98.6	98.6	98.6	98.6	98.6
Q2 Arithmetic Mean							14.3		99.9	99.9	99.9	99.9	99.9	99.9	99.9

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/m ³	µg/m ³	ppb	ppm	µg/m ³	ppb	ppb	ppb	%	%	%	%	%	%			
35022	January	5	0.40	35	0.53	10	0.95	55	10	0.95	58	27	61	0.7	0.24	11	11	17	28	98.4	98.4	98.7	98.4	98.4	98.4				
	February	2	0.73	46	1.10	12	1.55	95	15	1.66	103	33	51	0.6	0.29	15	16	22	38	99.7	99.7	100.0	99.7	99.7	99.7				
	March	4	0.40	31	0.55	15	1.34	81	17	1.37	85	25	62	0.6	0.25	11	10	17	27	99.7	99.7	99.9	99.7	99.7	99.7				
	April	1	0.49	33	0.81	4	2.89	55	4	3.84	57	20	35	0.4	0.25	9	8	18	26	99.9	99.9	99.7	99.7	99.7	99.7				
	May	1	0.33	26	0.52	9	1.05	44	11	1.22	46	27	103	0.2	0.18	10	6	14	20	99.9	99.9	100.0	99.9	99.9	99.9				
	June	3	0.52	26	1.12	12	2.89	61	13	3.13	63	22	56	0.2	0.19	10	6	14	20	99.3	99.4	99.7	99.6	99.6	99.6				
	Q1 Arithmetic Mean														0.6	0.26	12	12	19	31	99.3	99.3	99.5	99.3	99.3	99.3			
Q2 Arithmetic Mean														0.3	0.21	10	7	15	22	99.7	99.7	99.8	99.7	99.7	99.7				

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.
35022	January	0	0	0	0	0	0	0	0	0	0	1	0	0		
	February	0	0	0	0	0	0	0	0	0	0	4	0	3		
	March	0	0	0	0	0	0	0	0	0	0	0	0	0		
	April	0	0	0	0	0	0	0	0	0	0	0	0	0		
	May	0	0	0	0	0	0	0	0	0	0	1	0	0		
	June	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	5	0	3		
Q2 Total	0	0	0	0	0	0	0	0	0	0	1	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

Metrolinx - TSP / Metals Report

Station	: 35020	Sample Matrix	: Teflon Coated Filter
Location	: Wallace Avenue, Toronto	Method	: IO-3.1
Reporting Period	: 01 April, 2014 to 30 June, 2014	Valid Samples - Number / %	: 15 / 100%

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
RDL	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	TSP	Hg	As	Cd	Cr	Co	Cu	Pb	Mn	Ni	Se	V	Zn
05-Apr-14	27	0.000005	0.00420	0.0006	0.0340	0.0006	0.0258	0.0098	0.0340	0.0039	0.00305	0.0259	0.2560
11-Apr-14	77	0.000020	0.00500	0.0006	0.0384	0.0019	0.0694	0.0140	0.0715	0.0079	0.00305	0.0281	0.2950
17-Apr-14	55	0.000005	0.00390	0.0006	0.0370	0.0006	0.0309	0.0098	0.0428	0.0048	0.00305	0.0287	0.2490
23-Apr-14	92	0.000005	0.00400	0.0006	0.0319	0.0018	0.0349	0.0112	0.0789	0.0067	0.00305	0.0272	0.2140
29-Apr-14	74	0.000005	0.00390	0.0006	0.0331	0.0013	0.0286	0.0092	0.0507	0.0047	0.00305	0.0266	0.1970
05-May-14	43	0.000010	0.00380	0.0006	0.0356	0.0006	0.0497	0.0097	0.0430	0.0050	0.00305	0.0279	0.2370
11-May-01	53	0.000002	0.00480	0.0006	0.0327	0.0006	0.0712	0.0235	0.0428	0.0046	0.00305	0.0257	0.2110
17-May-14	30	0.000005	0.00185	0.0006	0.0312	0.0006	0.0580	0.0143	0.0333	0.0040	0.00305	0.0240	0.1920
23-May-14	80	0.000005	0.00185	0.0006	0.0355	0.0017	0.0620	0.0124	0.0713	0.0078	0.00305	0.0270	0.1810
29-May-14	72	0.000020	0.00380	0.0006	0.0367	0.0013	0.0814	0.0101	0.0583	0.0056	0.00305	0.0282	0.3070
04-Jun-14	38	0.000010	0.00400	0.0006	0.0365	0.0006	0.0695	0.0108	0.0371	0.0050	0.00305	0.0272	0.2460
10-Jun-14	164	0.000020	0.00640	0.0006	0.0404	0.0023	0.1260	0.0151	0.1310	0.0122	0.00305	0.0295	0.2580
16-Jun-14	71	0.000020	0.00640	0.0006	0.0361	0.0019	0.1370	0.0157	0.0646	0.0113	0.00305	0.0262	0.2480
22-Jun-14	46	0.000020	0.00550	0.0006	0.0341	0.0006	0.0664	0.0112	0.0367	0.0048	0.00305	0.0263	0.2180
28-Jun-14	39	0.000020	0.00185	0.0006	0.0306	0.0006	0.0628	0.0095	0.0294	0.0041	0.00305	0.0242	0.1990
Ave	64	0.000011	0.00408	0.0006	0.0349	0.0011	0.0649	0.0124	0.0550	0.0062	0.00305	0.0268	0.2339
Max	164	0.000020	0.00640	0.0006	0.0404	0.0023	0.1370	0.0235	0.1310	0.0122	0.00305	0.0295	0.3070
Min	27	0.000002	0.00185	0.0006	0.0306	0.0006	0.0258	0.0092	0.0294	0.0039	0.00305	0.0240	0.1810
No. > AAQC	1	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample.

Therefore the reported ½ RDL values will be affected, for example the reported value may be above or below RDL indicated in the RDL column.

Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station	: 35020	Sample Matrix	: PUF Cartridge
Location	: Wallace Avenue, Toronto	Method	: GC/MS (TO13)
Reporting Period	: 01 April, 2014 to 30 June, 2014	Valid Samples - No. / %	: 15 / 100%

Parameter	AAQC 24 Hr	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples > AAQC
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	No.
1,2-Dimethylnaphthalene	x	0.330	0.940	1.100	0.720	0.880	0.165	0.810	1.500	1.200	1.300	1.700	1.900	0.530	0.165	0.710	0.165	0.919	1.900	0.165	x
1-Methylnaphthalene	x	0.660	2.400	2.200	1.100	2.800	0.330	1.800	8.100	9.200	6.500	21.000	3.800	0.330	1.100	0.330	0.330	4.088	21.000	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.720	0.330	0.330	0.330	0.960	2.600	1.400	4.000	1.200	2.500	3.600	2.100	3.700	2.000	1.740	4.000	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	1.900	2.300	1.000	2.100	0.530	1.500	5.800	3.200	3.700	6.600	3.100	0.165	1.100	0.800	0.370	2.278	6.600	0.165	x
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	1.200	0.330	0.330	0.330	0.880	0.330	0.330	0.458	1.200	0.330	x
2-Methylnaphthalene	x	0.330	4.600	4.100	2.000	5.100	0.530	3.500	13.000	18.000	12.000	41.000	6.500	0.840	2.000	0.900	0.820	7.659	41.000	0.530	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-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	0.65	x
9-Methylphenanthrene	x	0.330	0.165	0.790	0.165	0.380	0.440	1.000	2.500	1.500	4.900	1.500	2.700	3.900	2.200	3.600	2.100	1.856	4.900	0.165	x
Acenaphthene	x	0.330	26.000	26.000	1.700	24.000	0.570	16.000	57.000	31.000	64.000	56.000	31.000	1.200	13.000	1.400	1.300	23.345	64.000	0.570	x
Acenaphthylene	x	0.330	0.690	0.690	0.165	0.165	0.380	0.165	2.100	0.720	2.500	2.000	0.330	0.165	0.165	0.165	0.165	0.704	2.500	0.165	x
Anthracene	x	0.330	0.440	1.100	0.165	0.560	0.330	1.600	7.800	4.100	17.000	3.100	8.000	11.000	4.500	9.400	3.500	4.840	17.000	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	3.800	4.300	0.910	4.200	0.330	2.000	9.200	4.800	5.900	10.000	5.100	0.330	1.700	0.330	0.330	3.549	10.000	0.330	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	0.165	0.165	0.165	0.165	0.165	0.165	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
Fluoranthene	x	0.330	2.000	6.200	0.720	2.400	0.940	8.300	30.000	13.000	46.000	10.000	27.000	36.000	22.000	42.000	23.000	17.971	46.000	0.720	x
Fluorene	x	0.330	23.000	38.000	2.000	28.000	1.900	28.000	52.000	70.000	110.000	58.000	30.000	3.000	30.000	4.700	3.200	32.120	110.000	1.900	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	4.200	2.500	3.400	4.100	0.690	2.100	7.900	16.000	8.400	32.000	3.100	1.100	1.700	1.200	1.300	5.979	32.000	0.690	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	24.000	69.000	3.500	34.000	4.400	78.000	250.000	180.000	460.000	110.000	250.000	300.000	170.000	320.000	120.000	156.860	460.000	3.500	x
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	0.880	2.800	0.470	1.000	0.570	3.800	12.000	5.800	21.000	4.100	11.000	14.000	8.500	17.000	9.200	7.475	21.000	0.470	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	1.50	1.40	2.70	0.65	0.65	0.65	0.65	0.65	0.89	2.70	0.65	x
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35020 **Sample Matrix** : 102mm GF Filter
Location : Wallace Avenue, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 April, 2014 to 30 June, 2014 **Valid Samples - No. / %** : 15 / 100%

Parameter	AAQC	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples
	24 Hr																				> AAQC
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	No.
1,2-Dimethylnaphthalene	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
1-Methylnaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2,6 & 2,7-Dimethylnaphthalene	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
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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-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	0.65	x
9-Methylphenanthrene	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
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	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.165	0.165	0.165	0.165	0.165	0.165	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
Fluoranthene	x	0.330	0.165	0.330	0.165	0.840	0.165	0.560	0.165	0.165	0.880	0.960	0.480	0.330	0.165	0.165	0.165	0.380	0.960	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	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.165	0.165	0.165	1.500	0.165	0.165	0.165	0.165	0.760	0.600	0.165	0.165	0.165	0.165	0.165	0.323	1.500	0.165	x
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	0.165	0.165	0.165	0.440	0.165	0.400	0.165	0.165	0.520	0.510	0.165	0.165	0.165	0.165	0.165	0.246	0.520	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	x
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station	: 35020	Sample Matrix	: PUF + Filter
Location	: Wallace Avenue, Toronto	Method	: GC/MS (TO13)
Reporting Period	: 01 April, 2014 to 30 June, 2014	Valid Samples - No. / %	: 15 / 100%

Parameter	AAQC 24 Hr	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples > AAQC
	ng/m ³	ng/m ³																	ng/m ³	ng/m ³	ng/m ³
1,2-Dimethylnaphthalene	x	0.330	0.940	1.100	0.720	0.880	0.165	0.810	1.500	1.200	1.300	1.700	1.900	0.530	0.165	0.710	0.165	0.919	1.900	0.165	x
1-Methylnaphthalene	x	0.660	2.400	2.200	1.100	2.800	0.330	1.800	8.100	9.200	6.500	21.000	3.800	0.330	1.100	0.330	0.330	4.088	21.000	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.720	0.330	0.330	0.330	0.960	2.600	1.400	4.000	1.200	2.500	3.600	2.100	3.700	2.000	1.740	4.000	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	1.900	2.300	1.000	2.100	0.530	1.500	5.800	3.200	3.700	6.600	3.100	0.165	1.100	0.800	0.370	2.278	6.600	0.165	x
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	1.200	0.330	0.330	0.880	0.330	0.830	0.330	0.458	1.200	0.330	x
2-Methylnaphthalene	x	0.330	4.600	4.100	2.000	5.100	0.530	3.500	13.000	18.000	12.000	41.000	6.500	0.840	2.000	0.900	0.820	7.659	41.000	0.530	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-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	0.65	x
9-Methylphenanthrene	x	0.330	0.165	0.790	0.165	0.380	0.440	1.000	2.500	1.500	4.900	1.500	2.700	3.900	2.200	3.600	2.100	1.856	4.900	0.165	x
Acenaphthene	x	0.330	26.000	26.000	1.700	24.000	0.570	16.000	57.000	31.000	64.000	56.000	31.000	1.200	13.000	1.400	1.300	23.345	64.000	0.570	x
Acenaphthylene	x	0.330	0.690	0.690	0.165	0.165	0.380	0.165	2.100	0.720	2.500	2.000	0.330	0.165	0.165	0.165	0.165	0.704	2.500	0.165	x
Anthracene	x	0.330	0.440	1.100	0.165	0.560	0.330	1.600	7.800	4.100	17.000	3.100	8.000	11.000	4.500	9.400	3.500	4.840	17.000	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	3.800	4.300	0.910	4.200	0.330	2.000	9.200	4.800	5.900	10.000	5.100	0.330	1.700	0.330	0.330	3.549	10.000	0.330	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	0.165	0.165	0.165	0.165	0.165	0.165	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
Fluoranthene	x	0.330	2.000	6.500	0.720	3.200	0.940	8.900	30.000	13.000	47.000	11.000	27.000	36.000	22.000	42.000	23.000	18.217	47.000	0.720	x
Fluorene	x	0.330	23.000	38.000	2.000	28.000	1.900	28.000	52.000	70.000	110.000	58.000	30.000	3.000	30.000	4.700	3.200	32.120	110.000	1.900	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	4.200	2.500	3.400	4.100	0.690	2.100	7.900	16.000	8.400	32.000	3.100	1.100	1.700	1.200	1.300	5.979	32.000	0.690	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	24.000	69.000	3.500	35.000	4.400	78.000	250.000	180.000	460.000	110.000	250.000	300.000	170.000	320.000	120.000	156.927	460.000	3.500	x
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	0.880	2.800	0.470	1.400	0.570	4.200	12.000	5.800	22.000	4.600	11.000	14.000	8.500	17.000	9.200	7.628	22.000	0.470	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	1.50	1.40	2.70	0.65	0.65	0.65	0.65	0.65	0.89	2.70	0.65	x
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : Teflon Coated Filter
Method : IO-3.1
Valid Samples - Number / % : 15 / 100%

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
RDL	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	TSP	Hg	As	Cd	Cr	Co	Cu	Pb	Mn	Ni	Se	V	Zn
05-Apr-14	34	0.000005	0.00450	0.0006	0.0344	0.0006	0.0197	0.0086	0.0427	0.0038	0.00305	0.0266	0.2990
11-Apr-14	103	0.000010	0.00500	0.0006	0.0383	0.0015	0.0558	0.0134	0.1010	0.0054	0.00305	0.0285	0.2780
17-Apr-14	54	0.000005	0.00390	0.0006	0.0356	0.0013	0.0274	0.0094	0.0481	0.0051	0.00305	0.0278	0.2290
23-Apr-14	39	0.000005	0.00185	0.0006	0.0350	0.0013	0.0349	0.0112	0.0435	0.0055	0.00305	0.0285	0.2480
29-Apr-14	36	0.000005	0.00380	0.0006	0.0358	0.0006	0.0184	0.0075	0.0327	0.0044	0.00305	0.0281	0.2030
05-May-14	24	0.000005	0.00420	0.0006	0.0343	0.0006	0.0434	0.0068	0.0297	0.0041	0.00305	0.0272	0.2130
11-May-01	39	0.000002	0.00410	0.0006	0.0306	0.0006	0.0364	0.0075	0.0353	0.0039	0.00305	0.0240	0.1920
17-May-14	37	0.000005	0.00370	0.0006	0.0274	0.0006	0.0424	0.0073	0.0392	0.0035	0.00305	0.0216	0.1910
23-May-14	70	0.000005	0.00420	0.0014	0.0360	0.0013	0.0405	0.0092	0.0639	0.0051	0.00305	0.0280	0.3180
29-May-14	49	0.000010	0.00185	0.0006	0.0236	0.0006	0.0332	0.0075	0.0389	0.0036	0.00305	0.0185	0.2330
04-Jun-14	50	0.000005	0.00390	0.0006	0.0364	0.0006	0.0366	0.0083	0.0437	0.0045	0.00305	0.0271	0.2410
10-Jun-14	148	0.000020	0.00440	0.0006	0.0367	0.0018	0.0507	0.0117	0.1060	0.0061	0.00305	0.0268	0.2390
16-Jun-14	50	0.000020	0.00390	0.0019	0.0273	0.0006	0.0858	0.0103	0.0412	0.0043	0.00305	0.0219	0.2150
22-Jun-14	37	0.000005	0.00510	0.0006	0.0302	0.0006	0.0684	0.0085	0.0293	0.0038	0.00305	0.0243	0.2050
28-Jun-14	46	0.000020	0.00390	0.0006	0.0307	0.0006	0.0600	0.0097	0.0351	0.0042	0.00305	0.0238	0.2010

Ave	54	0.000008	0.00389	0.0007	0.0328	0.0009	0.0436	0.0091	0.0487	0.0045	0.00305	0.0255	0.2337
Max	148	0.000020	0.00510	0.0019	0.0383	0.0018	0.0858	0.0134	0.1060	0.0061	0.00305	0.0285	0.3180
Min	24	0.000002	0.00185	0.0006	0.0236	0.0006	0.0184	0.0068	0.0293	0.0035	0.00305	0.0185	0.1910
No. > AAQC	1	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample.

Therefore the reported ½ RDL values will be affected, for example the reported value may be above or below RDL indicated in the RDL column.

Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : PUF Cartridge
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.
1,2-Dimethylnaphthalene	x	0.330	0.165	0.580	0.640	0.165	0.165	0.165	0.165	0.980	0.165	0.650	0.610	0.590	0.600	0.730	0.670	0.469	0.980	0.165	x
1-Methylnaphthalene	x	0.660	0.850	0.330	0.950	0.330	0.330	0.330	0.330	2.600	0.330	0.960	0.860	0.330	0.330	0.730	0.770	0.691	2.600	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	1.200	0.850	0.950	1.400		0.535	1.400	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.720	0.550	0.850	0.460	0.165	0.470	0.530	1.800	0.380	0.165	0.760	0.490	0.410	0.630	0.710	0.606	1.800	0.165	x
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylnaphthalene	x	0.330	1.700	1.100	2.100	0.640	0.420	0.680	0.780	4.700	0.690	1.800	1.600	1.100	0.760	1.400	1.500	1.398	4.700	0.420	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-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	0.65	x
9-Methylphenanthrene	x	0.330	0.165	0.340	0.165	0.165	0.330	0.330	0.340	0.165	0.340	0.590	0.450	1.200	0.950	1.000	1.500	0.535	1.500	0.165	x
Acenaphthene	x	0.330	1.200	0.580	2.600	1.200	1.400	1.300	2.300	5.300	1.500	2.200	4.200	3.800	0.730	5.600	4.600	2.567	5.600	0.580	x
Acenaphthylene	x	0.330	0.165	0.165	0.330	0.640	0.165	0.165	0.165	1.400	0.165	0.330	0.165	0.165	0.165	0.165	0.165	0.301	1.400	0.165	x
Anthracene	x	0.330	0.165	0.165	0.330	0.165	0.450	0.370	0.165	0.165	0.165	0.340	0.740	0.410	2.300	0.760	1.200	0.615	2.300	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.980	0.330	0.330	0.330	0.630	2.000	0.330	0.330	0.860	0.330	0.330	0.760	0.670	0.591	2.000	0.330	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
Dibenzo(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	0.165	0.165	0.165	0.165	0.165	0.165	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
Fluoranthene	x	0.330	0.410	1.600	1.900	1.100	2.700	1.900	1.800	0.980	1.700	4.000	2.000	10.000	6.000	6.300	13.000	3.693	13.000	0.410	x
Fluorene	x	0.330	1.400	2.900	6.000	2.800	4.500	2.900	2.800	4.500	2.600	5.200	4.100	10.000	3.500	11.000	13.000	5.147	13.000	1.400	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	0.165	x
m-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	1.700	1.100	2.100	1.000	0.330	0.710	0.910	4.800	0.820	2.100	1.400	0.980	0.730	1.800	2.200	1.512	4.800	0.330	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	2.400	9.000	11.000	5.700	13.000	8.500	12.000	6.800	8.900	25.000	14.000	63.000	39.000	46.000	71.000	22.353	71.000	2.400	x
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	0.165	1.100	1.100	0.640	1.500	1.100	0.780	0.610	0.970	1.900	0.920	4.300	2.200	2.600	4.900	1.652	4.900	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	x
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC 24 Hr	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples > AAQC	
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	No.	
1,2-Dimethylnaphthalene	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
1-Methylnaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2,6 & 2,7-Dimethylnaphthalene	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
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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-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	0.65	0.65	x
9-Methylphenanthrene	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
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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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
Dibenz(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
Dibenz(a,i)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
Fluoranthene	x	0.330	0.165	0.165	0.165	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.176	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35021
 Location : Weston Road, Toronto
 Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : PUF + Filter
 Method : GC/MS (TO13)
 Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.
1,2-Dimethylnaphthalene	x	0.330	0.165	0.580	0.640	0.165	0.165	0.165	0.165	0.980	0.165	0.650	0.610	0.590	0.600	0.730	0.670	0.469	0.980	0.165	x
1-Methylnaphthalene	x	0.660	0.850	0.330	0.950	0.330	0.330	0.330	0.330	2.600	0.330	0.960	0.860	0.330	0.330	0.730	0.770	0.691	2.600	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	1.200	0.850	0.950	1.400	0.535	1.400	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.720	0.550	0.850	0.460	0.165	0.470	0.530	1.800	0.380	0.165	0.760	0.490	0.410	0.630	0.710	0.606	1.800	0.165	x
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylnaphthalene	x	0.330	1.700	1.100	2.100	0.640	0.420	0.680	0.780	4.700	0.690	1.800	1.600	1.100	0.760	1.400	1.500	1.398	4.700	0.420	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-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	0.65	x
9-Methylphenanthrene	x	0.330	0.165	0.340	0.165	0.165	0.330	0.330	0.340	0.165	0.340	0.590	0.450	1.200	0.950	1.000	1.500	0.535	1.500	0.165	x
Acenaphthene	x	0.330	1.200	0.580	2.600	1.200	1.400	1.300	2.300	5.300	1.500	2.200	4.200	3.800	0.730	5.600	4.600	2.567	5.600	0.580	x
Acenaphthylene	x	0.330	0.165	0.165	0.330	0.640	0.165	0.165	0.165	1.400	0.165	0.330	0.165	0.165	0.165	0.165	0.165	0.301	1.400	0.165	x
Anthracene	x	0.330	0.165	0.165	0.330	0.165	0.450	0.370	0.165	0.165	0.165	0.340	0.740	0.410	2.300	0.760	1.200	0.615	2.300	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.980	0.330	0.330	0.330	0.630	2.000	0.330	0.330	0.860	0.330	0.330	0.760	0.670	0.591	2.000	0.330	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
Dibenzo(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	0.165	0.165	0.165	0.165	0.165	0.165	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
Fluoranthene	x	0.330	0.410	1.600	1.900	1.400	2.700	1.900	1.800	0.980	1.700	4.000	2.000	10.000	6.00	6.300	13.000	3.713	13.000	0.410	x
Fluorene	x	0.330	1.400	2.900	6.000	2.800	4.500	2.90	2.800	4.500	2.600	5.200	4.100	10.000	3.50	11.000	13.00	5.147	13.000	1.400	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	0.165	x
m-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	1.700	1.100	2.100	1.000	0.330	0.710	0.910	4.800	0.820	2.100	1.400	0.980	0.730	1.800	2.200	1.512	4.800	0.330	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	2.400	9.000	11.000	5.700	13.000	8.500	12.000	6.800	8.900	25.000	14.000	63.000	39.000	46.000	71.000	22.353	71.000	2.400	x
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	0.165	1.100	1.100	0.640	1.500	1.100	0.780	0.610	0.970	1.900	0.920	4.300	2.200	2.600	4.900	1.652	4.900	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	x
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : Teflon Coated Filter
Method : IO-3.1
Valid Samples - Number / % : 15 / 100%

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
RDL	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	TSP	Hg	As	Cd	Cr	Co	Cu	Pb	Mn	Ni	Se	V	Zn
05-Apr-14	41	0.000005	0.00410	0.0006	0.0342	0.0024	0.0254	0.0104	0.0333	0.0075	0.00305	0.0267	0.2610
11-Apr-14	128	0.000020	0.00540	0.0006	0.0374	0.0019	0.0678	0.0204	0.0827	0.0068	0.00305	0.0280	0.2620
17-Apr-14	52	0.000005	0.00400	0.0006	0.0375	0.0013	0.0429	0.0127	0.0461	0.0052	0.00305	0.0290	0.2370
23-Apr-14	64	0.000005	0.00185	0.0006	0.0362	0.0016	0.0181	0.0115	0.0450	0.0066	0.00305	0.0294	0.2360
29-Apr-14	28	0.000005	0.00185	0.0006	0.0317	0.0006	0.0245	0.0082	0.0271	0.0043	0.00305	0.0252	0.2350
05-May-14	56	0.000010	0.00370	0.0006	0.0320	0.0014	0.0330	0.0112	0.0395	0.0056	0.00305	0.0262	0.1790
11-May-01	69	0.000002	0.00480	0.0006	0.0346	0.0015	0.0621	0.0119	0.0476	0.0061	0.00305	0.0263	0.2080
17-May-14	27	0.000005	0.00185	0.0006	0.0311	0.0013	0.0600	0.0073	0.0271	0.0048	0.00305	0.0245	0.2040
23-May-14	60	0.000005	0.00380	0.0006	0.0376	0.0013	0.0479	0.0125	0.0462	0.0062	0.00305	0.0286	0.3170
29-May-14	77	0.000020	0.00185	0.0006	0.0361	0.0013	0.0785	0.0151	0.0506	0.0054	0.00305	0.0275	0.2480
04-Jun-14	93	0.000020	0.00185	0.0006	0.0320	0.0018	0.0626	0.0166	0.0595	0.0060	0.00305	0.0238	0.2270
10-Jun-14	305	0.000050	0.00430	0.0006	0.0332	0.0036	0.1100	0.0604	0.1600	0.0141	0.00305	0.0259	0.3030
16-Jun-14	102	0.000020	0.00450	0.0006	0.0316	0.0016	0.1080	0.0211	0.0618	0.0062	0.00305	0.0246	0.2290
22-Jun-14	46	0.000020	0.00560	0.0006	0.0339	0.0006	0.1080	0.0136	0.0326	0.0047	0.00305	0.0265	0.2130
28-Jun-14	70	0.000020	0.00440	0.0006	0.0325	0.0014	0.0955	0.0142	0.0423	0.0056	0.00305	0.0259	0.2110

Ave	81	0.000014	0.00359	0.0006	0.0341	0.0016	0.0630	0.0165	0.0534	0.0063	0.00305	0.0265	0.2380
Max	305	0.000050	0.00560	0.0006	0.0376	0.0036	0.1100	0.0604	0.1600	0.0141	0.00305	0.0294	0.3170
Min	27	0.000002	0.00185	0.0006	0.0311	0.0006	0.0181	0.0073	0.0271	0.0043	0.00305	0.0238	0.1790
No. > AAQC	2	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample.

Therefore the reported ½ RDL values will be affected, for example the reported value may be above or below RDL indicated in the RDL column.

Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : PUF Cartridge
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC 24 Hr	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples > AAQC
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	No.
1,2-Dimethylnaphthalene	x	0.330	1.000	2.000	1.600	0.720	0.740	0.720	1.200	1.500	1.200	1.900	1.100	0.620	1.400	0.940	1.500	1.209	2.000	0.620	x
1-Methylnaphthalene	x	0.660	2.400	14.000	11.000	0.950	0.910	1.200	2.800	5.900	8.300	4.900	18.000	0.830	4.200	3.800	7.000	5.746	18.000	0.830	x
1-Methylphenanthrene	x	0.660	0.330	1.400	0.330	0.630	0.330	0.960	2.200	0.700	1.300	2.200	5.300	2.200	2.200	4.500	3.900	1.899	5.300	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	2.300	7.400	5.800	0.920	0.940	1.100	2.600	4.500	3.400	6.100	7.800	0.710	3.200	2.100	4.600	3.565	7.800	0.710	x
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	1.300	0.330	0.330	0.910	0.330	0.433	1.300	0.330	x
2-Methylnaphthalene	x	0.330	4.400	26.000	20.000	1.900	1.600	2.500	5.200	11.000	16.000	7.900	34.000	1.600	8.300	7.200	13.000	10.707	34.000	1.600	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-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	0.65	x
9-Methylphenanthrene	x	0.330	0.440	1.800	0.490	0.660	0.570	1.000	2.400	0.820	1.400	2.300	5.600	2.500	2.300	5.200	4.100	2.105	5.600	0.440	x
Acenaphthene	x	0.330	32.000	85.000	54.000	11.000	9.200	18.000	46.000	55.000	32.000	100.000	72.000	8.300	58.000	21.000	48.000	43.300	100.000	8.300	x
Acenaphthylene	x	0.330	0.330	1.300	0.550	0.165	0.165	0.165	0.640	0.670	1.200	3.400	0.720	0.165	0.740	0.165	0.540	0.728	3.400	0.165	x
Anthracene	x	0.330	0.800	3.400	0.490	1.000	1.000	2.000	5.600	1.600	3.400	7.000	20.000	5.800	5.000	16.000	7.000	5.339	20.000	0.490	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.630	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.350	0.630	0.330	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	0.660	4.200	14.000	9.400	1.600	1.000	1.900	5.000	7.900	5.500	11.000	13.000	0.860	5.400	3.200	7.800	6.117	14.000	0.860	x
Chrysene	x	0.330	0.165	0.390	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.340	0.350	0.204	0.390	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
Dibenz(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
Dibenz(a,i)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
Fluoranthene	x	0.330	4.100	24.000	4.500	7.700	6.000	9.700	23.000	7.200	14.000	22.000	58.000	24.000	23.000	53.000	45.000	21.680	58.000	4.100	x
Fluorene	x	0.330	37.000	91.000	37.000	30.000	18.000	68.000	83.000	57.000	36.000	98.000	120.000	16.000	60.000	26.000	43.000	54.667	120.000	16.000	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	3.000	23.000	21.000	1.600	1.300	2.200	2.500	12.000	15.000	4.700	11.000	1.200	8.200	4.200	8.200	7.940	23.000	1.200	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	46.000	180.000	44.000	64.000	36.000	110.000	260.000	84.000	130.000	190.000	560.000	180.000	220.000	430.000	270.000	186.933	560.000	36.000	x
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	1.600	26.000	1.800	2.700	2.100	4.100	9.600	3.000	5.800	9.800	23.000	9.100	8.800	22.000	18.000	9.827	26.000	1.600	x
Quinoline	x	1.30	1.50	3.10	1.60	0.65	0.65	0.65	1.30	2.70	1.50	2.60	3.00	0.65	1.40	0.65	2.00	1.60	3.10	0.65	x
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.630	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.350	0.630	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.630	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.350	0.630	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 April, 2014 to 30 June, 2014

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC 24 Hr	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples > AAQC	
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	No.	
1,2-Dimethylnaphthalene	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	0.540	0.165	0.165	0.165	0.190	0.540	0.165	x	
1-Methylnaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2,6 & 2,7-Dimethylnaphthalene	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
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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-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	0.65	0.65	x
9-Methylphenanthrene	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
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	0.179	0.380	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0.350	<0.330	<0.330	<0.330	<0.331	0.350	<0.330	1	
Benzo(b)fluoranthene	x	0.330	0.165	0.720	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.700	0.165	0.165	0.165	0.238	0.720	0.165	x	
Benzo(b)fluorene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(e)pyrene	x	0.660	0.330	1.000	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.375	1.000	0.330	x	
Benzo(g,h,i)perylene	x	0.330	0.165	3.100	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.410	0.165	0.165	0.165	0.377	3.100	0.165	x	
Benzo(j)fluoranthene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Chrysene	x	0.330	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.670	0.165	0.165	0.165	0.212	0.670	0.165	x	
Coronene	x	1.30	0.65	2.20	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.75	2.20	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
Dibenz(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
Dibenz(a,i)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
Fluoranthene	x	0.330	0.165	1.100	0.530	0.660	0.400	0.630	0.360	0.165	0.390	0.800	0.520	1.800	0.760	0.165	0.390	0.589	1.800	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	0.840	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.210	0.840	0.165	x	
m-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Naphthalene	22500	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	0.630	0.330	0.470	0.165	0.480	0.400	0.165	0.165	0.650	0.330	1.100	0.460	0.165	0.330	0.400	1.100	0.165	x	
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Pyrene	x	0.330	0.165	0.750	0.165	0.165	0.165	0.330	0.165	0.165	0.165	0.510	0.165	1.100	0.460	0.165	0.165	0.320	1.100	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	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x
Triphenylene	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

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.

Station : 35022 Sample Matrix : PUF + Filter
 Location : Strachan Avenue, Toronto Method : GC/MS (TO13)
 Reporting Period : 01 April, 2014 to 30 June, 2014 Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	05-Apr-14	11-Apr-14	17-Apr-14	23-Apr-14	29-Apr-14	05-May-14	11-May-14	17-May-14	23-May-14	29-May-14	04-Jun-14	10-Jun-14	16-Jun-14	22-Jun-14	28-Jun-14	Ave	Max	Min	Samples	
	24 Hr																		Ave	Max	Min	> AAQC
	ng/m ³	ng/m ³																	ng/m ³	ng/m ³	ng/m ³	No.
1,2-Dimethylnaphthalene	x	0.330	1.000	2.000	1.600	0.720	0.740	0.720	1.200	1.500	1.200	1.900	1.100	1.200	1.400	0.940	1.500	1.248	2.000	0.720	x	
1-Methylnaphthalene	x	0.660	2.400	14.000	11.000	0.950	0.910	1.200	2.800	5.900	8.300	4.900	18.000	0.830	4.200	3.800	7.000	5.746	18.000	0.830	x	
1-Methylphenanthrene	x	0.660	0.330	1.400	0.330	0.630	0.330	0.960	2.200	0.700	1.300	2.200	5.300	2.200	2.200	4.500	3.900	1.899	5.300	0.330	x	
2,6 & 2,7-Dimethylnaphthalene	x	0.330	2.300	7.400	5.800	0.920	0.940	1.100	2.600	4.500	3.400	6.100	7.800	0.710	3.200	2.100	4.600	3.565	7.800	0.710	x	
2-Chloronaphthalene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x	
2-Methylanthracene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	1.300	0.330	0.330	0.910	0.330	0.433	1.300	0.330	x	
2-Methylnaphthalene	x	0.330	4.400	26.000	20.000	1.900	1.600	2.500	5.200	11.000	16.000	7.900	34.000	1.600	8.300	7.200	13.000	10.707	34.000	1.600	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-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	0.65	x	
9-Methylphenanthrene	x	0.330	0.440	1.800	0.490	0.660	0.570	1.000	2.400	0.820	1.400	2.300	5.600	2.500	2.300	5.200	4.100	2.105	5.600	0.440	x	
Acenaphthene	x	0.330	32.000	85.000	54.000	11.000	9.200	18.000	46.000	55.000	32.000	100.000	72.000	8.300	58.000	21.000	48.000	43.300	100.000	8.300	x	
Acenaphthylene	x	0.330	0.330	1.300	0.550	0.165	0.165	0.165	0.640	0.670	1.200	3.400	0.720	0.165	0.740	0.165	0.540	0.728	3.400	0.165	x	
Anthracene	x	0.330	0.800	3.400	0.490	1.000	1.000	2.000	5.600	1.600	3.400	7.000	20.000	5.800	5.000	16.000	7.000	5.339	20.000	0.490	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	0.380	0.165	0.165	0.165	0.179	0.380	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	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0.350	<0.330	<0.330	<0.330	<0.331	0.350	<0.330	1	
Benzo(b)fluoranthene	x	0.330	0.165	0.720	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.700	0.165	0.165	0.165	0.238	0.720	0.165	x	
Benzo(b)fluorene	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x	
Benzo(e)pyrene	x	0.660	0.330	1.000	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.375	1.000	0.330	x	
Benzo(g,h,i)perylene	x	0.330	0.165	3.100	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.410	0.165	0.165	0.165	0.377	3.100	0.165	x	
Benzo(j)fluoranthene	x	0.660	0.330	0.330	0.330	0.630	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.350	0.630	0.330	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	0.660	4.200	14.000	9.400	1.600	1.000	1.900	5.000	7.900	5.500	11.000	13.000	0.860	5.400	3.200	7.800	6.117	14.000	0.860	x	
Chrysene	x	0.330	0.165	0.750	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.670	0.165	0.340	0.350	0.262	0.750	0.165	x	
Coronene	x	1.30	0.65	2.20	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.75	2.20	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	0.165	0.165	0.165	0.165	0.165	0.165	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	
Fluoranthene	x	0.330	4.100	25.000	5.000	8.400	6.400	10.000	23.000	7.200	14.000	23.000	59.000	26.000	24.000	53.000	45.000	22.207	59.000	4.100	x	
Fluorene	x	0.330	37.000	91.000	37.000	30.000	18.000	68.000	83.000	57.000	36.000	98.000	120.000	16.000	60.000	26.000	43.000	54.667	120.000	16.000	x	
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.840	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.210	0.840	0.165	x	
m-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x	
Naphthalene	22500	0.660	3.000	23.000	21.000	1.600	1.300	2.200	2.500	12.000	15.000	4.700	11.000	1.200	8.200	4.200	8.200	7.940	23.000	1.200	0	
o-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	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	46.000	180.000	44.000	64.000	36.000	110.000	280.000	84.000	130.000	190.000	560.000	180.000	220.000	430.000	270.000	186.933	560.000	36.000	x	
p-Terphenyl	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x	
Pyrene	x	0.330	1.600	27.000	1.800	2.700	2.100	4.400	9.600	3.000	5.800	10.000	23.000	10.000	9.300	22.000	18.000	10.020	27.000	1.600	x	
Quinoline	x	1.30	1.50	3.10	1.60	0.65	0.65	0.65	1.30	2.70	1.50	2.60	3.00	0.65	1.40	0.65	2.00	1.60	3.10	0.65	x	
Tetralin	x	0.660	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	x	
Benzo(b)anthracene	x	0.660	0.330	0.330	0.330	0.630	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.350	0.630	0.330	x	
Dibenzo(a,c)anthracene + Picene	x	0.660	0.330	0.330	0.330	0.630	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.350	0.630	0.330	x	
Triphenylene	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	

Note 1: All non detectable results were reported as ½ the detection limit.

Note 2: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Note 3: Due to ambient air quality sampling methodology and laboratory analytics a Reportable Detection Limit (RDL) can fluctuate from sample to sample. Therefore the reported ½ RDL values, for example the reported value may be above or below RDL indicated in the RDL column. Note all data presented is actual data as reported from the laboratory and modified to meet the MOE ½ detection limit reporting requirement.