



Data Summary
Q4, 2015

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 2015**

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		SO2	CO	PM2.5	NO	NO2	NOX	SO2	CO	PM2.5	NO	NO2	NOX				
		ppb	ppm	ppb		ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb													ppm	µg/m ³	µg/m ³	ppb
35020	January	2	0.51	36	0.78	4	1.44	68	5	1.51	72	27	41	0.5	0.25	10	9	15	24	99.9	99.9	99.9	99.9	99.9	99.9				
	February	2	0.53	38	0.70	6	1.22	58	7	1.84	60	35	62	0.6	0.27	13	9	17	27	99.9	100.0	100.0	99.9	99.9	99.9				
	March	3	0.69	37	1.51	7	4.81	57	7	7.30	62	34	188	0.4	0.28	13	7	17	24	99.7	99.9	99.7	99.7	99.7	99.7				
	April	1	0.62	23	1.38	6	4.32	55	7	4.74	61	19	94	0.1	0.25	7	5	12	17	99.9	99.9	100.0	99.9	99.9	99.9				
	May	1	0.46	29	0.88	7	3.18	44	8	4.66	45	34	218	0.2	0.22	13	5	13	18	99.9	99.9	99.7	99.9	99.9	99.9				
	June	1	0.25	21	0.43	3	0.93	69	4	1.64	100	19	57	0.1	0.16	8	7	10	17	99.6	99.7	99.6	99.3	99.3	99.3				
	July	1	0.28	19	0.39	2	0.60	43	2	0.63	55	23	34	0.2	0.17	10	5	12	17	99.1	99.1	99.2	99.1	99.1	99.1				
	August	1	0.25	19	0.37	2	0.76	36	2	0.74	39	19	27	0.1	0.15	8	5	10	15	99.7	99.7	99.7	99.7	99.7	99.7				
	September	1	0.32	30	0.45	3	0.77	62	3	0.82	66	23	38	0.3	0.18	10	7	14	21	99.9	99.9	100.0	99.9	99.9	99.9				
	October	1	0.39	25	0.56	3	0.93	47	4	1.06	49	13	115	0.3	0.18	6	8	12	20	99.9	99.9	99.9	99.9	99.9	99.9				
	November	2	0.57	29	0.84	5	1.31	46	5	1.36	49	20	44	0.4	0.25	10	14	16	30	99.9	99.9	99.7	99.9	99.9	99.9				
	December	1	0.37	26	0.57	3	0.93	54	3	0.97	69	24	37	0.5	0.21	10	8	14	22	99.9	99.7	99.9	99.2	99.2	99.2				
	Q1 Arithmetic Mean													0.5	0.27	12	9	16	25	99.8	99.9	99.9	99.8	99.8	99.8				
	Q2 Arithmetic Mean													0.1	0.21	9	6	12	17	99.8	99.8	99.8	99.7	99.7	99.7				
	Q3 Arithmetic Mean													0.2	0.17	10	6	12	18	99.6	99.6	99.6	99.6	99.6	99.6				
	Q4 Arithmetic Mean													0.4	0.22	8	10	14	24	99.9	99.8	99.8	99.6	99.6	99.6				
	Annual Arithmetic Mean													0.3	0.22	10	8	14	21	99.8	99.8	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 CAAQS
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.
35020	January	0	0	0	0	0	0	0	0	0	0	2	0	0		
	February	0	0	0	0	0	0	0	0	0	0	2	0	0		1
	March	0	0	0	0	0	0	0	3	0	0	3	0	0		2
	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	3	0	0		3
	June	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
	August	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
	October	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	November	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	December	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	Q1 Total	0	0	0	0	0	0	0	3	0	0	7	0	0		3
	Q2 Total	0	0	0	0	0	0	0	0	0	0	3	0	0		3
	Q3 Total	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	Q4 Total	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	Annual Total	0	0	0	0	0	0	0	3	0	0	10	0	0		6

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	µg/m³	µg/m³	ppb	ppm	µg/m³	ppb	ppb	ppb	%	%	%	%	%	%		
35021	January	2	0.47	40	0.76			6	1.14	63	6	1.20	70	26	39	0.6	0.22	11	10	16	27	99.7	99.7	99.7	99.7	99.7	99.7		
	February	3	0.52	41	0.61			17	0.91	115	18	0.95	172	31	52	0.7	0.26	12	14	19	33	99.7	99.9	99.9	99.7	99.7	99.7		
	March	2	0.48	51	0.73			7	1.02	181	7	1.43	221	36	51	0.6	0.21	12	11	21	32	99.6	99.9	99.7	99.7	99.7	99.7		
	April	1	0.91	50	2.09			7	4.84	138	8	5.69	158	20	38	0.3	0.22	7	7	16	23	99.9	100.0	100.0	99.9	99.9	99.9		
	May	3	0.24	31	0.34			9	0.55	57	9	0.56	59	25	81	0.5	0.13	11	6	16	22	99.9	100.0	100.0	99.9	99.9	99.9		
	June	1	0.21	21	0.42			2	0.69	42	2	0.81	45	22	96	0.2	0.11	9	6	14	20	99.4	99.6	99.4	99.4	99.4	99.4		
	July	1	0.21	23	0.35			5	0.59	46	5	0.66	57	26	36	0.1	0.11	13	7	14	20	99.9	100.0	100.0	99.9	99.9	99.9		
	August	1	0.20	24	0.37			5	0.87	112	7	1.09	129	18	44	0.1	0.10	8	7	12	19	99.7	99.7	94.5	99.6	99.6	99.6		
	September	1	0.23	25	0.37			5	0.86	53	5	0.93	57	24	42	0.1	0.12	10	7	14	21	99.9	100.0	99.9	99.9	99.9	99.9		
	October	1	0.29	22	0.46			3	0.61	38	3	0.68	40	14	24	0.3	0.14	5	7	11	18	99.9	99.9	99.9	99.9	99.9	99.9		
	November	2	0.59	58	0.89			9	1.54	83	13	1.55	84	38	92	0.4	0.24	11	26	25	51	99.9	99.9	99.7	99.6	99.6	99.6		
	December	1	0.43	30	0.63			8	1.78	54	11	2.78	58	29	42	0.2	0.23	11	11	16	28	98.8	99.2	98.9	98.7	98.7	98.7		
	Q1 Arithmetic Mean														0.7	0.23	12	12	19	30	99.7	99.8	99.8	99.7	99.7	99.7			
	Q2 Arithmetic Mean														0.3	0.15	9	6	15	22	99.7	99.9	99.8	99.7	99.7	99.7			
	Q3 Arithmetic Mean														0.1	0.11	10	7	13	20	99.8	99.9	98.1	99.8	99.8	99.8			
	Q4 Arithmetic Mean														0.3	0.20	9	15	18	32	99.5	99.6	99.5	99.4	99.4	99.4			
	Annual Arithmetic Mean														0.4	0.17	10	10	16	26	99.7	99.8	99.3	99.6	99.6	99.6			

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 CAAQS		
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.	No.	No.	No.	No.	No.
35021	January	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	February	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
	March	0	0	0	0	0	0	0	0	0	0	3	7	2	0	0	0	2
	April	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0
	May	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	0	0	0	0	0
	August	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	November	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
	December	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1
	Q1 Total	0	0	0	0	0	0	0	0	0	0	5	8	3	0	0	0	3
	Q2 Total	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0
	Q3 Total	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	Q4 Total	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	2
	Annual Total	0	0	0	0	0	0	0	2	0	0	9	11	5	0	0	0	5

Met. Statistics		Maximum 1 Hr Clock Average			Minimum 1 Hr Clock Average		Monthly Mean	Total Precipitation	Percent Valid Data						
Station	Month	WS	AEM	PRECP	WS	AEM	AEM	PRECP	WS	WD	AEM	SLR	BP	RH	PRECP
		km/hr	°C	mm	km/hr	°C	°C	mm	%	%	%	%	%	%	%
35021	January	19.3	6.7	2.2	0.1	-19.2	-6.2	25.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	February	16.7	-0.7	0.1	0.2	-24.8	-11.1	0.4	100.0	100.0	100.0	100.0	100.0	100.0	99.9
	March	15.5	10.9	1.5	0.1	-15.0	-0.5	9.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	April	21.6	22.7	8.2	0.1	-1.8	8.2	86.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	May	15.7	29.1	17.9	0.0	4.4	17.4	71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	June	15.1	28.6	22.7	0.0	9.6	18.9	201.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	July	13.3	32.3	12.5	0.1	12.0	22.9	27.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	August	12.7	32.4	10.8	0.1	13.3	21.7	72.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	September	11.8	33.8	11.1	0.1	10.1	20.4	73.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	October	20.6	23.9	10.5	0.1	-0.2	11.1	88.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	November	24.7	20.8	4.0	0.0	-4.6	7.7	37.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	December	20.7	16.0	3.1	0.4	-5.9	5.4	34.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
Q1 Total								35.7							
Q2 Total								358.9							
Q3 Total								173.2							
Q4 Total								159.8							
Annual Total								727.7							
Q1 Arithmetic Mean							-5.9	100.0	100.0	100.0	100.0	100.0	99.9		
Q2 Arithmetic Mean							14.8	100.0	100.0	100.0	100.0	100.0	100.0		
Q3 Arithmetic Mean							21.7	100.0	100.0	100.0	100.0	100.0	100.0		
Q4 Arithmetic Mean							8.1	99.7	99.7	99.7	99.7	99.7	99.7		
Annual Arithmetic Mean							9.7	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/m³	µg/m³	ppb	ppm	µg/m³	ppb	ppb	ppb	%	%	%	%	%	%			
35022	January	2	0.36	29	0.48	6	0.61	46	6	0.88	47	26	42	0.4	0.23	10	8	13	21	99.9	99.9	99.9	99.9	99.9	99.9				
	February	2	0.51	40	0.65	6	0.75	54	8	0.79	57	31	56	0.6	0.25	12	9	17	27	99.9	99.9	87.9	99.9	99.9	99.9				
	March	3	0.40	32	0.51	7	0.65	54	7	0.66	57	32	50	0.3	0.22	11	7	17	24	99.6	99.7	99.7	99.6	99.6	99.6				
	April	1	0.29	36	0.42	7	0.63	63	8	0.66	68	15	41	0.1	0.19	7	7	16	23	96.9	96.9	97.1	96.9	96.9	96.9				
	May	2	0.28	30	0.39	8	0.61	50	9	0.66	54	20	44	0.4	0.16	11	6	16	22	99.9	99.9	99.9	99.9	99.9	99.9				
	June	0	0.30	25	0.42	1	0.51	43	1	0.56	44	18	41	0.0	0.18	8	6	14	21	99.6	93.8	99.4	99.6	99.6	99.6				
	July	1	0.34	26	0.48	5	0.73	47	6	0.82	49	22	36	0.0	0.20	12	6	16	22	99.7	99.9	100.0	99.7	99.7	99.7				
	August	0	0.30	24	0.45	1	0.57	42	1	0.59	45	18	39	0.0	0.18	10	6	14	19	99.7	99.9	77.3	99.5	99.5	99.5				
	September	1	0.42	31	0.52	2	0.67	51	2	0.71	52	27	37	0.2	0.22	11	5	15	21	99.9	99.9	99.6	99.7	99.7	99.7				
	October	0	0.41	27	0.62	1	0.79	36	1	0.81	38	11	24	0.0	0.18	5	7	13	20	99.9	99.9	99.9	99.9	99.9	99.9				
	November	1	0.57	32	0.85	3	1.31	49	4	1.36	51	20	35	0.2	0.24	9	12	16	29	99.9	100.0	99.9	99.9	99.9	99.9				
	December	1	0.36	25	0.44	1	0.62	40	1	0.63	46	20	31	0.1	0.22	9	8	14	23	99.9	100.0	100.0	97.7	97.7	97.7				
Q1 Arithmetic Mean														0.5	0.24	11	8	16	24	99.8	99.8	95.8	99.8	99.8	99.8	99.8			
Q2 Arithmetic Mean														0.2	0.18	9	6	15	22	98.8	96.9	98.8	98.8	98.8	98.8				
Q3 Arithmetic Mean														0.1	0.20	11	6	15	21	99.8	99.9	92.3	99.6	99.6	99.6				
Q4 Arithmetic Mean														0.1	0.21	8	9	14	24	99.9	100.0	99.9	99.1	99.1	99.1				
Annual Arithmetic Mean														0.2	0.21	10	7	15	23	99.6	99.1	96.7	99.3	99.3	99.3				

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 > CAAQS
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.
35022	January	0	0	0	0	0	0	0	0	0	0	2	0	0	
	February	0	0	0	0	0	0	0	0	0	0	1	0	1	
	March	0	0	0	0	0	0	0	0	0	0	2	0	1	
	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	0	0	0	
	June	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	
	August	0	0	0	0	0	0	0	0	0	0	0	0	0	
	September	0	0	0	0	0	0	0	0	0	0	1	0	0	
	October	0	0	0	0	0	0	0	0	0	0	0	0	0	
	November	0	0	0	0	0	0	0	0	0	0	0	0	0	
	December	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	2	
	Q2 Total	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Q3 Total	0	0	0	0	0	0	0	0	0	0	1	0	0	
	Q4 Total	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Annual Total	0	0	0	0	0	0	0	0	0	0	6	0	2	

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

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

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

CAAQS (formerly CWS) PM2.5 Standard	
Period	PM2.5
	µg/m ³
24 Hr	28*

*CWS for PM2.5 changed to 28ug/m³ for 2015 (previously 30ug/m³)
Annual calendar year target of 10.0ug/m³

Station : 35020 **Sample Matrix** : Teflon Coated Filter
Location : Wallace Avenue, Toronto **Method** : IO-3.1
Reporting Period : 01 October, 2015 to 31 December, 2015 **Valid Samples - Number / %** : 14 / 93.3%

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													
03-Oct-15	70	0.000005	0.00370	0.0006	0.0328	0.0016	0.0585	0.0113	0.0509	0.0059	0.00305	0.0310	0.5780
09-Oct-15	32	0.000005	0.00410	0.0006	0.0382	0.0006	0.1180	0.0107	0.0399	0.0059	0.00305	0.0310	0.7170
15-Oct-15	48	0.000020	0.00400	0.0006	0.0411	0.0013	0.1290	0.0187	0.0514	0.0062	0.00305	0.0318	0.6050
21-Oct-15	64	0.000020	0.00470	0.0006	0.0380	0.0014	0.1660	0.0125	0.0519	0.0062	0.00305	0.0324	0.7610
27-Oct-15	Equipment Error - Sample Invalid												
02-Nov-15	39	0.000005	0.00380	0.0006	0.0399	0.0014	0.1920	0.0169	0.0471	0.0060	0.00305	0.0294	0.6740
08-Nov-15	97	0.000030	0.00380	0.0006	0.0397	0.0013	0.0754	0.0164	0.2310	0.0059	0.00305	0.0343	0.5530
14-Nov-15	24	0.000020	0.00185	0.0006	0.0392	0.0006	0.0705	0.0095	0.0410	0.0052	0.00305	0.0314	0.7650
20-Nov-15	34	0.000005	0.00185	0.0006	0.0413	0.0006	0.0923	0.0114	0.0403	0.0058	0.00305	0.0323	0.1790
26-Nov-15	43	0.000020	0.00440	0.0006	0.0364	0.0006	0.0819	0.0114	0.0587	0.0064	0.00305	0.0307	0.2110
02-Dec-15	49	0.000010	0.00185	0.0006	0.0386	0.0012	0.0801	0.0148	0.0443	0.0063	0.00305	0.0324	0.7610
08-Dec-15	43	0.000020	0.00520	0.0006	0.0376	0.0006	0.0822	0.0131	0.0382	0.0066	0.00305	0.0318	0.8580
14-Dec-15	28	0.000020	0.00470	0.0006	0.0371	0.0013	0.0893	0.0145	0.0280	0.0059	0.00305	0.0324	0.7950
20-Dec-15	17	0.000010	0.00185	0.0006	0.0293	0.0006	0.0550	0.0089	0.0214	0.0044	0.00305	0.0252	0.4350
26-Dec-15	35	0.000020	0.00185	0.0006	0.0314	0.0006	0.0704	0.0100	0.0280	0.0052	0.00305	0.0274	0.2320
Ave	45	0.000015	0.00340	0.0006	0.0372	0.0010	0.0972	0.0129	0.0552	0.0059	0.00305	0.0310	0.5803
Max	97	0.000030	0.00520	0.0006	0.0413	0.0016	0.1920	0.0187	0.2310	0.0066	0.00305	0.0343	0.8580
Min	17	0.000005	0.00185	0.0006	0.0293	0.0006	0.0550	0.0089	0.0214	0.0044	0.00305	0.0252	0.1790
No. > AAQC	0	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 MOECC ½ detection limit reporting requirement.

Station : 35020 **Sample Matrix** : PUF Cartridge
Location : Wallace Avenue, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 October, 2015 to 31 December, 2015 **Valid Samples - No. / %** : 15 / 100%

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave	Max	Min	Samples > AAQC
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
1,2-Dimethylnaphthalene	x	0.330	0.165	0.830	0.500	0.460	0.165	0.440	0.550	0.460	0.510	0.380	0.610	0.380	0.380	0.330	0.165	0.422	0.830	0.165	x
1-Methylnaphthalene	x	0.660	0.330	2.900	1.900	1.200	0.330	0.910	2.600	1.500	1.800	0.330	2.400	0.660	0.330	0.680	0.330	1.213	2.900	0.330	x
1-Methylphenanthrene	x	0.660	0.330	1.200	0.700	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.413	1.200	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.165	2.000	0.770	0.720	0.165	0.570	1.700	1.100	1.600	0.380	2.000	0.760	0.510	0.490	0.165	0.873	2.000	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-Methylantracene	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	5.000	3.200	2.100	0.165	1.600	4.300	2.500	3.000	0.880	4.000	1.100	0.820	1.200	0.480	2.034	5.000	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	0.165	1.200	0.700	0.520	0.165	0.540	0.490	0.430	0.165	0.165	0.670	0.165	0.570	0.165	0.165	0.418	1.200	0.165	x
Acenaphthene	x	0.330	0.165	18.000	13.000	2.300	0.165	4.800	12.000	6.000	7.800	2.700	11.000	1.300	3.400	3.000	0.770	5.760	18.000	0.165	x
Acenaphthylene	x	0.330	0.165	0.730	0.165	0.360	0.165	0.165	0.940	0.660	1.200	0.165	1.200	0.165	0.165	0.165	0.165	0.438	1.200	0.165	x
Anthracene	x	0.330	0.165	3.300	1.700	0.720	0.490	1.200	0.840	0.560	0.510	0.330	1.000	0.165	0.570	0.165	0.450	0.811	3.300	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	2.200	1.300	0.720	0.330	0.780	2.100	1.300	1.900	0.330	2.100	0.730	0.330	0.910	0.330	1.046	2.200	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	0.800	12.000	6.800	4.200	2.200	4.900	3.600	2.300	1.400	0.165	4.400	1.700	3.600	0.880	1.500	3.363	12.000	0.165	x
Fluorene	x	0.330	1.000	28.000	22.000	4.400	4.000	12.000	16.000	11.000	8.700	6.400	14.000	4.200	6.100	4.700	6.700	9.947	28.000	1.000	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	0.800	4.000	2.600	2.500	0.330	1.500	3.200	2.500	2.900	1.700	3.200	1.700	0.790	2.200	0.730	2.043	4.000	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	3.300	66.000	46.000	23.000	14.000	33.000	23.000	14.000	9.800	12.000	23.000	7.200	15.000	5.200	8.900	20.227	66.000	3.300	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	0.600	4.700	2.400	1.600	0.970	2.000	1.500	1.200	0.740	1.200	2.000	0.700	1.600	0.390	0.700	1.487	4.700	0.390	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 October, 2015 to 31 December, 2015

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

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave	Max	Min	Samples > AAQC
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
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	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.176	0.330	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	0.360	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.332	0.360	<0.330	1
Benzo(b)fluoranthene	x	0.330	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.590	0.165	0.440	0.400	0.410	0.165	0.165	0.165	0.257	0.590	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	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	0.330	0.165	0.165	0.165	0.165	0.165	0.430	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.194	0.430	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	1.000	0.600	0.165	0.165	0.370	0.400	0.760	0.165	0.350	0.670	0.165	0.165	0.165	0.165	0.365	1.000	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	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	0.630	0.330	0.165	0.165	0.165	0.165	0.330	0.165	0.165	0.340	0.165	0.165	0.165	0.165	0.230	0.630	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	0.670	0.165	0.165	0.165	0.165	0.165	0.630	0.165	0.165	0.430	0.165	0.165	0.165	0.165	0.247	0.670	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 October, 2015 to 31 December, 2015

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

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave	Max	Min	Samples > AAQC
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
1,2-Dimethylnaphthalene	x	0.330	0.165	0.830	0.500	0.460	0.165	0.440	0.550	0.460	0.510	0.380	0.610	0.380	0.380	0.330	0.165	0.422	0.830	0.165	x
1-Methylnaphthalene	x	0.660	0.330	2.900	1.900	1.200	0.330	0.910	2.600	1.500	1.800	0.330	2.400	0.660	0.330	0.680	0.330	1.213	2.900	0.330	x
1-Methylphenanthrene	x	0.660	0.330	1.200	0.700	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.413	1.200	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.165	2.000	0.770	0.720	0.165	0.570	1.700	1.100	1.600	0.380	2.000	0.760	0.510	0.490	0.165	0.873	2.000	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	5.000	3.200	2.100	0.165	1.600	4.300	2.500	3.000	0.880	4.000	1.100	0.820	1.200	0.480	2.034	5.000	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	1.200	0.700	0.520	0.165	0.540	0.490	0.430	0.165	0.165	0.670	0.165	0.570	0.165	0.165	0.418	1.200	0.165	x
Acenaphthene	x	0.330	0.165	18.000	13.000	2.300	0.165	4.800	12.000	6.000	7.800	2.700	11.000	1.300	3.400	3.000	0.770	5.760	18.000	0.165	x
Acenaphthylene	x	0.330	0.165	0.730	0.165	0.360	0.165	0.165	0.940	0.660	1.200	0.165	1.200	0.165	0.165	0.165	0.165	0.438	1.200	0.165	x
Anthracene	x	0.330	0.165	3.300	1.700	0.720	0.490	1.200	0.840	0.560	0.510	0.330	1.000	0.165	0.570	0.165	0.450	0.811	3.300	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.176	0.330	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	0.360	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.332	0.360	<0.330	1
Benzo(b)fluoranthene	x	0.330	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.590	0.165	0.440	0.400	0.410	0.165	0.165	0.165	0.257	0.590	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	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	2.200	1.300	0.720	0.330	0.780	2.100	1.300	1.900	0.330	2.100	0.730	0.330	0.910	0.330	1.046	2.200	0.330	x
Chrysene	x	0.330	0.165	0.330	0.165	0.165	0.165	0.165	0.165	0.430	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.194	0.430	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	0.800	12.000	7.400	4.200	2.200	5.300	4.000	3.100	1.400	0.350	5.100	1.700	3.600	0.880	1.500	3.569	12.000	0.350	x
Fluorene	x	0.330	1.000	28.000	22.000	4.400	4.000	12.000	16.000	11.000	8.700	6.400	14.000	4.200	6.100	4.700	6.700	9.947	28.000	1.000	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	0.800	4.000	2.600	2.500	0.330	1.500	3.200	2.500	2.900	1.700	3.200	1.700	0.790	2.200	0.730	2.043	4.000	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	3.300	67.000	46.000	23.000	14.000	33.000	23.000	14.000	9.800	12.000	23.000	7.200	15.000	5.200	8.900	20.293	67.000	3.300	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	0.600	5.400	2.400	1.600	0.970	2.000	1.500	1.800	0.740	1.200	2.400	0.700	1.600	0.390	0.700	1.600	5.400	0.390	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station : 35021 **Sample Matrix** : Teflon Coated Filter
Location : Weston Road, Toronto **Method** : IO-3.1
Reporting Period : 01 October, 2015 to 31 December, 2015 **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
03-Oct-15	27	0.000005	0.00185	0.0006	0.0315	0.0006	0.0357	0.0076	0.0285	0.0050	0.00305	0.0275	0.6320
09-Oct-15	31	0.000005	0.00185	0.0006	0.0383	0.0006	0.0874	0.0096	0.0433	0.0061	0.00305	0.0302	0.6200
15-Oct-15	37	0.000010	0.00185	0.0006	0.0354	0.0013	0.0501	0.0140	0.0404	0.0056	0.00305	0.0307	0.6210
21-Oct-15	42	0.000020	0.00490	0.0006	0.0394	0.0013	0.0843	0.0112	0.0432	0.0065	0.00305	0.0317	0.8620
27-Oct-15	44	0.000030	0.00380	0.0006	0.0427	0.0014	0.0977	0.0117	0.0536	0.0068	0.00305	0.0326	0.8160
02-Nov-15	44	0.000020	0.00380	0.0006	0.0389	0.0013	0.1310	0.0122	0.0558	0.0059	0.00305	0.0290	0.5640
08-Nov-15	21	0.000110	0.00185	0.0006	0.0293	0.0006	0.0588	0.0083	0.0250	0.0046	0.00305	0.0274	0.5490
14-Nov-15	21	0.000005	0.00185	0.0006	0.0346	0.0006	0.0833	0.0125	0.0454	0.0055	0.00305	0.0299	0.1780
20-Nov-15	45	0.000010	0.00185	0.0006	0.0344	0.0006	0.0557	0.0089	0.0206	0.0050	0.00305	0.0312	0.1660
26-Nov-15	139	0.000040	0.00490	0.0006	0.0385	0.0016	0.0665	0.0204	0.1670	0.0085	0.00305	0.0347	0.2680
02-Dec-15	83	0.000005	0.00370	0.0006	0.0390	0.0006	0.1750	0.0111	0.0702	0.0069	0.00305	0.0275	0.6530
08-Dec-15	84	0.000020	0.00540	0.0006	0.0354	0.0014	0.0708	0.0162	0.0614	0.0066	0.00305	0.0331	1.0200
14-Dec-15	38	0.000010	0.00470	0.0006	0.0362	0.0013	0.0914	0.0146	0.0349	0.0060	0.00305	0.0308	0.7520
20-Dec-15	28	0.000005	0.00185	0.0006	0.0304	0.0006	0.0305	0.0100	0.0305	0.0048	0.00305	0.0288	0.5980
26-Dec-15	42	0.000005	0.00185	0.0006	0.0350	0.0006	0.0711	0.0098	0.0305	0.0057	0.00305	0.0279	0.2010

Ave	48	0.000020	0.00307	0.0006	0.0359	0.0010	0.0793	0.0119	0.0500	0.0060	0.00305	0.0302	0.5667
Max	139	0.000110	0.00540	0.0006	0.0427	0.0016	0.1750	0.0204	0.1670	0.0085	0.00305	0.0347	1.0200
Min	21	0.000005	0.00185	0.0006	0.0293	0.0006	0.0305	0.0076	0.0206	0.0046	0.00305	0.0274	0.1660
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 MOECC ½ detection limit reporting requirement.

Station : 35021
 Location : Weston Road, Toronto
 Reporting Period : 01 October, 2015 to 31 December, 2015
 Sample Matrix : SUMMA Canisters
 Method : GC/MS (TO15A)
 Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL															Ave	Max	Min	Samples	
	24 Hr		03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	> AAQC
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$															$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	No.	
2,2,4-Trimethylpentane	x	0.934	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.586	2.250	0.467	x
Carbon Disulfide	330	1.56	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	1.02	4.44	0.78	0
Propene	4000	0.516	0.431	0.885	0.725	1.065	1.385	1.705	0.885	0.655	0.945	1.375	2.235	1.410	1.435	0.965	1.145	1.150	2.235	0.431	0
Vinyl Acetate	x	0.704	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.388	0.887	0.352	x
Dichlorodifluoromethane	500000	0.989	2.47	3.49	3.34	3.84	3.74	3.63	3.57	3.49	3.52	3.75	3.62	3.57	3.52	3.50	3.53	3.51	3.84	2.47	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
1,2-Dichlorotetrafluoroethane	700000	1.19	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	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
Chloroethane	320	0.620	0.84	1.12	1.12	1.11	1.09	0.97	0.96	0.94	0.96	1.06	0.94	1.09	1.25	1.04	1.10	1.04	1.25	0.84	0
Trichlorotrifluoroethane	800000	0.38	0.76	0.87	0.81	0.88	0.85	0.78	0.77	0.75	0.76	0.80	0.76	0.78	0.77	0.81	0.78	1.00	0.88	0.75	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	x
Chloroethane	5600	0.792	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	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	0.12	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
Carbon Tetrachloride	2.4	0.31	0.500	0.690	0.690	0.820	1.500	0.710	0.740	0.620	0.630	0.630	0.600	0.650	0.640	0.710	0.720	0.723	1.500	0.500	0
Trichlorofluoromethane	6000	1.12	0.56	1.75	1.71	2.03	1.98	1.66	1.62	1.54	1.50	1.65	1.58	1.55	1.57	1.57	1.57	1.57	2.03	0.56	0
Benzene	2.3	0.16	0.31	0.64	0.54	0.83	0.95	1.10	0.66	0.55	0.82	0.92	1.80	1.6	0.97	0.73	0.76	0.88	1.80	0.31	0
Ethanol	19000	4.33	2.080	11.500	8.390	16.300	20.600	10.300	6.110	5.560	7.460	7.150	15.600	7.440	11.600	4.120	6.870	9.405	20.600	2.080	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
2-propanol	7300	2.46	1.230	3.410	1.230	1.230	3.050	1.230	1.230	1.230	1.230	1.230	1.230	1.230	1.230	1.230	1.230	1.497	3.410	1.230	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	x
2-Propanone	11880	1.90	3.74	10.10	5.36	6.72	7.84	5.46	3.01	4.53	3.29	7.69	4.96	7.89	10.60	3.00	2.90	5.81	10.60	2.90	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	x
Methyl Ethyl Ketone	1000	2.95	1.475	3.740	1.475	3.540	3.450	1.475	1.475	1.475	1.475	3.860	4.890	3.160	3.030	1.475	1.475	2.498	4.890	1.475	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	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	x
Methyl Isobutyl Ketone	1200	4.10	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	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	x
Methyl Butyl Ketone	x	4.10	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	2.050	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
Methyl t-butyl ether (MTBE)	7000	0.721	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	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	x
Ethyl Acetate	x	3.60	1.800	1.800	4.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	2.000	4.800	1.800	x
1,1-Dichloroethylene	10	0.396	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	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	x
cis-1,2-Dichloroethylene	105	0.396	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	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	x
trans-1,2-Dichloroethylene	105	0.396	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0.1980	0
Methylene Chloride	220	2.78	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	0
1,1-Dichloroethane	165	0.405	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0.2025	0
1,1,1-Trichloroethane	115000	0.546	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0
1,2-Dichloropropane	2400	0.462	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0
Bromomethane	1350	0.388	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	0
Bromoform	55	2.07	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	0
Heptane	11000	1.23	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0
Tetrachloroethylene	360	0.678	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0
Toluene	2000	0.753	0.57	2.31	1.55	3.30	3.63	3.28	0.87	1.05	1.79	1.91	4.73	1.93	4.53	0.60	1.08	2.21	4.73	0.57	0
Ethylbenzene	1000	0.434	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.594	0.217	0.511	0.217	0.217	0.262	0.594	0.217	0
p+m-Xylene	730	0.868	0.434	0.922	0.434	0.434</															

Station	: 35021	Sample Matrix	: PUF Cartridge
Location	: Weston Road, Toronto	Method	: GC/MS (TO13)
Reporting Period	: 01 October, 2015 to 31 December, 2015	Valid Samples - No. / %	: 15 / 100%

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	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	0.410	0.460	0.430	0.420	0.360	0.420	0.440	0.480	0.610	0.360	0.580	0.510	0.420	0.360	0.430	0.446	0.610	0.360	x
1-Methylnaphthalene	x	0.660	0.720	0.920	0.330	0.690	0.760	0.330	0.710	2.200	2.100	0.330	1.600	0.840	0.330	0.330	0.760	0.863	2.200	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.690	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.354	0.690	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.690	0.820	0.430	0.590	0.660	0.450	0.640	1.100	1.800	0.165	1.600	0.940	0.390	0.360	0.700	0.756	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-Methylantracene	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	1.200	1.500	0.640	1.200	1.400	0.940	1.100	3.700	3.100	0.450	2.600	1.500	0.600	0.880	1.300	1.474	3.700	0.450	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	0.550	0.530	0.165	0.690	0.500	0.380	0.165	0.165	0.165	0.360	0.650	0.165	0.600	0.165	0.165	0.361	0.690	0.165	x
Acenaphthene	x	0.330	12.000	4.900	0.820	4.200	7.800	0.730	0.440	1.900	0.710	0.490	5.900	1.000	0.570	0.550	8.400	3.361	12.000	0.440	x
Acenaphthylene	x	0.330	0.165	0.390	0.165	0.450	0.165	0.165	0.640	1.000	2.300	0.165	1.400	0.400	0.165	0.165	0.360	0.540	2.300	0.165	x
Anthracene	x	0.330	2.100	1.500	0.165	1.900	1.200	0.970	0.165	0.165	0.165	0.165	0.650	0.165	0.600	0.165	0.730	0.720	2.100	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	0.930	0.710	0.330	0.330	0.790	0.330	0.780	1.100	1.500	0.330	1.700	1.100	0.330	0.650	1.100	0.801	1.700	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	4.800	5.200	0.850	6.100	3.300	2.400	0.640	0.620	0.510	1.500	2.100	1.300	3.200	0.550	2.000	2.338	6.100	0.510	x
Fluorene	x	0.330	26.000	7.600	1.800	12.000	14.000	4.100	1.600	2.200	1.300	2.300	7.100	2.900	6.100	1.400	12.000	6.827	26.000	1.300	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	1.500	2.200	0.960	1.900	1.400	1.400	1.300	4.400	3.800	0.880	2.800	2.300	0.740	2.700	1.200	1.965	4.400	0.740	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	36.000	27.000	4.400	32.000	22.000	14.000	3.100	3.200	2.100	5.600	10.000	4.800	16.000	2.100	13.000	13.020	36.000	2.100	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	2.200	2.400	0.570	3.300	1.800	1.500	0.470	0.480	0.440	1.100	1.600	0.740	1.700	0.330	0.990	1.308	3.300	0.330	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 October, 2015 to 31 December, 2015

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

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave	Max	Min	Samples > AAQC
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
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	0.520	0.360	0.370	0.165	0.165	0.165	0.215	0.520	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	0.550	0.165	0.165	0.165	0.165	0.165	0.191	0.550	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	0.360	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.330	0.165	0.165	0.165	0.165	0.165	0.176	0.330	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	0.165	0.165	0.165	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	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	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 October, 2015 to 31 December, 2015

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

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave	Max	Min	Samples > AAQC
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
1,2-Dimethylnaphthalene	x	0.330	0.410	0.460	0.430	0.420	0.360	0.420	0.440	0.480	0.610	0.360	0.580	0.510	0.420	0.360	0.430	0.446	0.610	0.360	x
1-Methylnaphthalene	x	0.660	0.720	0.920	0.330	0.690	0.760	0.330	0.710	2.200	2.100	0.330	1.600	0.840	0.330	0.330	0.760	0.863	2.200	0.330	x
1-Methylphenanthrene	x	0.660	0.330	0.330	0.330	0.690	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.354	0.690	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.690	0.820	0.430	0.590	0.660	0.450	0.640	1.100	1.800	0.165	1.600	0.940	0.390	0.360	0.700	0.756	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-Methylantracene	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	1.200	1.500	0.640	1.200	1.400	0.940	1.100	3.700	3.100	0.450	2.600	1.500	0.600	0.880	1.300	1.474	3.700	0.450	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	0.550	0.530	0.165	0.690	0.500	0.380	0.165	0.165	0.165	0.360	0.650	0.165	0.600	0.165	0.165	0.361	0.690	0.165	x
Acenaphthene	x	0.330	12.000	4.900	0.820	4.200	7.800	0.730	0.440	1.900	0.710	0.490	5.900	1.000	0.570	0.550	8.400	3.361	12.000	0.440	x
Acenaphthylene	x	0.330	0.165	0.390	0.165	0.450	0.165	0.165	0.640	1.000	2.300	0.165	1.400	0.400	0.165	0.165	0.360	0.540	2.300	0.165	x
Anthracene	x	0.330	2.100	1.500	0.165	1.900	1.200	0.970	0.165	0.165	0.165	0.165	0.650	0.165	0.600	0.165	0.730	0.720	2.100	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	0.520	0.360	0.370	0.165	0.165	0.165	0.215	0.520	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	0.550	0.165	0.165	0.165	0.165	0.165	0.191	0.550	0.165	x
Biphenyl	x	0.660	0.930	0.710	0.330	0.330	0.790	0.330	0.780	1.100	1.500	0.330	1.700	1.100	0.330	0.650	1.100	0.801	1.700	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	0.360	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	4.800	5.200	0.850	6.100	3.300	2.400	0.640	0.620	0.510	1.800	2.100	1.300	3.200	0.550	2.000	2.358	6.100	0.510	x
Fluorene	x	0.330	26.000	7.600	1.800	12.000	14.000	4.100	1.600	2.200	1.300	2.300	7.100	2.900	6.100	1.400	12.000	6.827	26.000	1.300	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	1.500	2.200	0.960	1.900	1.400	1.400	1.300	4.400	3.800	0.880	2.800	2.300	0.740	2.700	1.200	1.965	4.400	0.740	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	36.000	27.000	4.400	32.000	22.000	14.000	3.100	3.200	2.100	5.600	10.000	4.800	16.000	2.100	13.000	13.020	36.000	2.100	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	2.200	2.400	0.570	3.300	1.800	1.500	0.470	0.480	0.440	1.100	1.600	0.740	1.700	0.330	0.990	1.308	3.300	0.330	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station	: 35022	Sample Matrix	: Teflon Coated Filter
Location	: Strachan Avenue, Toronto	Method	: IO-3.1
Reporting Period	: 01 October, 2015 to 31 December, 2015	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
03-Oct-15	28	0.000005	0.00185	0.0006	0.0316	0.0006	0.0310	0.0107	0.0270	0.0052	0.00305	0.0294	0.6980
09-Oct-15	30	0.000005	0.00380	0.0006	0.0337	0.0006	0.0741	0.0119	0.0297	0.0056	0.00305	0.0296	0.6050
15-Oct-15	52	0.000020	0.00185	0.0006	0.0358	0.0015	0.0859	0.0162	0.0456	0.0065	0.00305	0.0320	0.6660
21-Oct-15	42	0.000020	0.00460	0.0006	0.0348	0.0006	0.0844	0.0113	0.0388	0.0058	0.00305	0.0304	0.7610
27-Oct-15	34	0.000020	0.00440	0.0006	0.0364	0.0014	0.0592	0.0132	0.0351	0.0062	0.00305	0.0318	0.9010
02-Nov-15	33	0.000020	0.00380	0.0006	0.0334	0.0014	0.0851	0.0150	0.0364	0.0056	0.00305	0.0295	0.6710
08-Nov-15	21	0.000020	0.00185	0.0006	0.0325	0.0006	0.0760	0.0096	0.0262	0.0051	0.00305	0.0302	0.6500
14-Nov-15	14	0.000010	0.00185	0.0006	0.0349	0.0006	0.1240	0.0115	0.0205	0.0052	0.00305	0.0315	0.1910
20-Nov-15	40	0.000005	0.00185	0.0006	0.0330	0.0013	0.0759	0.0162	0.0385	0.0055	0.00305	0.0282	0.1910
26-Nov-15	48	0.000005	0.00560	0.0006	0.0346	0.0026	0.1490	0.0727	0.0444	0.0083	0.00305	0.0279	0.2920
02-Dec-15	37	0.000005	0.00185	0.0006	0.0329	0.0006	0.0766	0.0144	0.0342	0.0056	0.00305	0.0292	0.5860
08-Dec-15	42	0.000005	0.00500	0.0006	0.0336	0.0013	0.1230	0.0140	0.0338	0.0062	0.00305	0.0295	0.8880
14-Dec-15	37	0.000010	0.00420	0.0006	0.0335	0.0013	0.0995	0.0128	0.0327	0.0062	0.00305	0.0291	0.5650
20-Dec-15	24	0.000005	0.00185	0.0006	0.0323	0.0006	0.0798	0.0111	0.0254	0.0052	0.00305	0.0297	0.4960
26-Dec-15	21	0.000005	0.00185	0.0006	0.0275	0.0006	0.0379	0.0083	0.0199	0.0059	0.00305	0.0245	0.2080

Ave	34	0.000011	0.00308	0.0006	0.0334	0.0010	0.0841	0.0166	0.0325	0.0059	0.00305	0.0295	0.5579
Max	52	0.000020	0.00560	0.0006	0.0364	0.0026	0.1490	0.0727	0.0456	0.0083	0.00305	0.0320	0.9010
Min	14	0.000005	0.00185	0.0006	0.0275	0.0006	0.0310	0.0083	0.0199	0.0051	0.00305	0.0245	0.1910
No. > AAQC	0	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 MOECC ½ detection limit reporting requirement.

Station : 35022
 Location : Strachan Avenue, Toronto
 Reporting Period : 01 October, 2015 to 31 December, 2015

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

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15				Samples > AAQC		
	ng/m ³		ng/m ³																Ave	Max	Min	No.	
																	ng/m ³	ng/m ³	ng/m ³	No.			
1,2-Dimethylnaphthalene	x	0.330	0.330	0.590	0.390	0.410	0.440	0.380	0.500	0.360	0.420	0.340	0.460	0.490	0.410	0.165	0.490			0.412	0.590	0.165	x
1-Methylnaphthalene	x	0.660	0.690	1.400	0.790	1.000	0.330	0.330	0.900	0.330	1.100	0.330	0.980	0.920	0.330	0.330	0.680			0.696	1.400	0.330	x
1-Methylphenanthrene	x	0.660	0.330	1.200	0.330	1.100	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.810	0.330	0.330			0.471	1.200	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.590	1.400	0.720	1.000	0.740	0.520	0.800	0.460	0.930	0.340	1.000	1.000	0.470	0.360	0.810			0.743	1.400	0.340	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	1.400	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330			0.401	1.400	0.330	x
2-Methylnaphthalene	x	0.330	1.300	2.200	1.400	1.800	1.100	0.760	1.300	1.000	1.900	0.500	1.700	1.700	0.850	0.920	1.100			1.302	2.200	0.500	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	0.430	1.200	0.530	1.100	0.165	0.450	0.330	0.165	0.165	0.165	0.400	0.165	0.880	0.165	0.330			0.443	1.200	0.165	x
Acenaphthene	x	0.330	7.700	13.000	9.700	13.000	7.200	3.500	3.900	3.800	6.400	2.800	6.200	3.400	2.200	2.200	7.400			6.160	13.000	2.200	x
Acenaphthylene	x	0.330	0.165	0.560	0.165	0.380	0.165	0.165	0.470	0.165	0.610	0.165	0.800	0.165	0.165	0.165	0.165			0.298	0.800	0.165	x
Anthracene	x	0.330	1.200	3.400	0.890	2.100	1.300	0.660	0.670	0.490	0.165	0.165	0.670	0.165	1.100	0.165	0.620			0.917	3.400	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	0.690	1.400	0.860	1.400	0.740	0.330	0.970	0.330	1.200	0.330	1.200	1.300	0.330	0.720	0.910			0.847	1.400	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	4.000	14.000	5.200	10.000	4.900	3.600	3.100	2.100	1.200	2.000	3.900	1.800	7.100	0.920	2.400			4.415	14.000	0.920	x
Fluorene	x	0.330	17.000	22.000	12.000	25.000	18.000	7.600	9.400	10.000	6.300	4.700	9.900	5.200	11.000	3.800	11.000			11.527	25.000	3.800	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	1.100	2.500	1.300	1.800	1.200	0.690	1.100	1.100	2.700	0.620	2.000	2.800	0.880	2.300	0.940			1.535	2.800	0.620	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	30.000	76.000	26.000	66.000	35.000	20.000	18.000	13.000	7.700	9.800	18.000	8.500	34.000	4.800	15.000			25.453	76.000	4.800	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	2.900	0.330	0.330			0.501	2.900	0.330	x
Pyrene	x	0.330	1.600	6.200	2.000	4.300	2.500	1.600	1.400	1.000	0.640	0.840	1.900	0.750	0.860	0.460	1.100			1.810	6.200	0.460	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
TetraIn	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 1/2 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 MOECC 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 1/2 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 MOECC 1/2 detection limit reporting requirement.

Station	: 35022	Sample Matrix	: 102mm GF Filter
Location	: Strachan Avenue, Toronto	Method	: GC/MS (TO13)
Reporting Period	: 01 October, 2015 to 31 December, 2015	Valid Samples - No. / %	: 15 / 100%

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave ng/m ³	Max ng/m ³	Min ng/m ³	Samples > AAQC No.
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
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	0.330	0.165	0.165	0.165	0.165	0.176	0.330	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	0.340	0.430	0.430	0.540	0.165	0.165	0.165	0.165	0.165	0.165	0.340	0.165	0.340	0.165	0.165	0.260	0.540	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	0.165	0.165	0.165	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	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	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 MOECC 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 MOECC ½ detection limit reporting requirement.

Station : 35022 Sample Matrix : PUF + Filter
 Location : Strachan Avenue, Toronto Method : GC/MS (TO13)
 Reporting Period : 01 October, 2015 to 31 December, 2015 Valid Samples - No. / % : 15 / 100%

Parameter	AAQC 24 Hr	RDL	03-Oct-15	09-Oct-15	15-Oct-15	21-Oct-15	27-Oct-15	02-Nov-15	08-Nov-15	14-Nov-15	20-Nov-15	26-Nov-15	02-Dec-15	08-Dec-15	14-Dec-15	20-Dec-15	26-Dec-15	Ave	Max	Min	Samples > AAQC
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	No.
1,2-Dimethylnaphthalene	x	0.330	0.330	0.590	0.390	0.410	0.440	0.380	0.500	0.360	0.420	0.340	0.460	0.490	0.410	0.165	0.490	0.412	0.590	0.165	x
1-Methylnaphthalene	x	0.660	0.690	1.400	0.790	1.000	0.330	0.330	0.900	0.330	1.100	0.330	0.980	0.920	0.330	0.330	0.680	0.696	1.400	0.330	x
1-Methylphenanthrene	x	0.660	0.330	1.200	0.330	1.100	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.810	0.330	0.330	0.471	1.200	0.330	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.590	1.400	0.720	1.000	0.740	0.520	0.800	0.460	0.930	0.340	1.000	1.000	0.470	0.360	0.810	0.743	1.400	0.340	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-Methylantracene	x	0.660	0.330	0.330	0.330	0.330	0.330	1.400	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.401	1.400	0.330	x
2-Methylnaphthalene	x	0.330	1.300	2.200	1.400	1.800	1.100	0.760	1.300	1.000	1.900	0.500	1.700	1.700	0.850	0.920	1.100	1.302	2.200	0.500	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	0.430	1.200	0.530	1.100	0.165	0.450	0.330	0.165	0.165	0.165	0.400	0.165	0.880	0.165	0.330	0.443	1.200	0.165	x
Acenaphthene	x	0.330	7.700	13.000	9.700	13.000	7.200	3.500	3.900	3.800	6.400	2.800	6.200	3.400	2.200	2.200	7.400	6.160	13.000	2.200	x
Acenaphthylene	x	0.330	0.165	0.560	0.165	0.380	0.165	0.165	0.470	0.165	0.610	0.165	0.800	0.165	0.165	0.165	0.165	0.298	0.800	0.165	x
Anthracene	x	0.330	1.200	3.400	0.890	2.100	1.300	0.660	0.670	0.490	0.165	0.165	0.670	0.165	1.100	0.165	0.620	0.917	3.400	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	0.330	0.165	0.165	0.165	0.165	0.176	0.330	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	0.690	1.400	0.860	1.400	0.740	0.330	0.970	0.330	1.200	0.330	1.200	1.300	0.330	0.720	0.910	0.847	1.400	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	4.300	14.000	5.600	11.000	4.900	3.600	3.100	2.100	1.200	2.000	4.200	1.800	7.400	0.920	2.400	4.568	14.000	0.920	x
Fluorene	x	0.330	17.000	22.000	12.000	25.000	18.000	7.600	9.400	10.000	6.300	4.700	9.900	5.200	11.000	3.800	11.000	11.527	25.000	3.800	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	1.100	2.500	1.300	1.800	1.200	0.690	1.100	1.100	2.700	0.620	2.000	2.800	0.880	2.300	0.940	1.535	2.800	0.620	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	30.000	76.000	26.000	66.000	35.000	20.000	18.000	13.000	7.700	9.800	18.000	8.500	34.000	4.800	15.000	25.453	76.000	4.800	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	2.900	0.330	0.330	0.501	2.900	0.330	x
Pyrene	x	0.330	1.600	6.200	2.000	4.300	2.500	1.600	1.400	1.000	0.640	0.840	1.900	0.750	0.86	0.460	1.100	1.810	6.200	0.460	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
Tetraol	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 MOECC 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 MOECC ½ detection limit reporting requirement.