



Clean Air Sarnia and Area - PAH Results

Station: Aamjiwnaang First Nation
Data Updated: 15-Mar-18

Sample Matrix: Teflon
Method: GC/MS

Parameter	B[a]A		Chry		B[b]F		B[k]F		B[a]P		[1,2,3]P		D[a,h]A		B[g,h,i]P	
	Benzo[a]anthracene		Chrysene		Benzo[b]fluoranthene		Benzo[k]fluoranthene		Benzo[a]Pyrene		Indeno[1,2,3-cd]Pyrene		Dibenz[a,h]Anthracene		Benzo[g,h,i]perylene	
Units	ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³	
	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag
07-Jan-17	0.101		0.173		0.285		0.114		0.213		0.291		0.045		0.39	
19-Jan-17	0.025	<MDL	0.027		0.037		0.025	<MDL	0.025	<MDL	0.029		0.025	<MDL	0.039	
31-Jan-17	0.032		0.069		0.133		0.047		0.063		0.1		0.025	<MDL	0.121	
12-Feb-17	0.03		0.053		0.127		0.052		0.066		0.116		0.025	<MDL	0.136	
24-Feb-17	0.025	<MDL	0.025	<MDL	0.039		0.025	<MDL	0.025	<MDL	0.026		0.025	<MDL	0.028	
08-Mar-17	0.025	<MDL	0.029		0.046		0.025	<MDL	0.038		0.049		0.025	<MDL	0.064	
20-Mar-17	0.025	<MDL	0.052		0.087		0.036		0.046		0.081		0.025	<MDL	0.102	
01-Apr-17	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.028		0.025	<MDL	0.038	
13-Apr-17	0.025	<MDL	0.031		0.05		0.025	<MDL	0.025	<MDL	0.032		0.025	<MDL	0.046	
25-Apr-17	0.025	<MDL	0.025	<MDL	0.037		0.025	<MDL	0.025	<MDL	0.028		0.025	<MDL	0.04	
07-May-17	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
19-May-17	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
31-May-17	0.025	<MDL	0.026		0.04		0.025	<MDL	0.026		0.034	<MDL	0.025	<MDL	0.049	
12-Jun-17	0.038		0.083		0.119		0.049		0.04		0.039		0.025	<MDL	0.055	
24-Jun-17	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
06-Jul-17	0.025	<MDL	0.049		0.082		0.031		0.025	<MDL	0.03		0.025	<MDL	0.04	
18-Jul-17	0.025	<MDL	0.043		0.046		0.025	<MDL	0.025	<MDL	0.027		0.025	<MDL	0.043	
30-Jul-17	0.025	<MDL	0.025	<MDL	0.032		0.025	<MDL	0.025	<MDL	0.032		0.025	<MDL	0.041	
11-Aug-17	0.025	<MDL	0.054		0.112		0.047		0.037		0.034		0.025	<MDL	0.041	
23-Aug-17	0.025	<MDL	0.027		0.04		0.025	<MDL	0.025	<MDL	0.025	<MDL	<MDL	0.025	<MDL	0.029
04-Sep-17	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
16-Sep-17	0.025	<MDL	0.05		0.055		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.029	
28-Sep-17	0.025	<MDL	0.047		0.035		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.03	
10-Oct-17	0.025	<MDL	0.025	<MDL	0.032		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.035	
22-Oct-17	0.033		0.077		0.11		0.042		0.043		0.058		0.025	<MDL	0.07	
03-Nov-17	0.025	<MDL	0.025	<MDL	0.035		0.025	<MDL	0.025	<MDL	0.029		0.025	<MDL	0.043	
15-Nov-17	0.029		0.06		0.105		0.044		0.06		0.085		0.025	<MDL	0.112	
27-Nov-17	0.05		0.107		0.119		0.052		0.077		0.077		0.025	<MDL	0.099	
09-Dec-17	0.025	<MDL	0.051		0.091		0.036		0.043		0.091		0.025	<MDL	0.098	
21-Dec-17	0.025	<MDL	0.068		0.125		0.046		0.035		0.081		0.025	<MDL	0.091	

No. of valid samples	30		30		30		30		30		30		30		30	
Maximum	0.101		0.173		0.285		0.114		0.213		0.291		0.045		0.39	
Minimum	0.025		0.025		0.025		0.025		0.025		0.025		0.025		0.025	
24-hour AAQC	n/a		n/a		n/a		n/a		0.05		n/a		n/a		n/a	
No. > 24-hour AAQC	n/a		n/a		n/a		n/a		5		n/a		n/a		n/a	

<MDL	Below detection limit
NDIF	No data: invalid filter
NDIV	Invalid sample