



Clean Air Sarnia and Area - PAH Results

Station: Aamjiwnaang First Nation
Data Updated: 30-Jan-19

Sample Matrix: Teflon
Method: GC/MS

Parameter	B[a]A		Chry		B[b]F		B[k]F		B[a]P		I[1,2,3]P		D[a,h]A		B[g,h,i]P	
	Benz[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
02-Jan-18		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF
14-Jan-18		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF
26-Jan-18		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF		NDEF
07-Feb-18	0.025	<MDL	0.051		0.094		0.033		0.043		0.076		0.025	<MDL	0.083	
19-Feb-18		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF
03-Mar-18	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
15-Mar-18	0.037		0.061		0.109		0.046		0.07		0.11		0.025	<MDL	0.123	
27-Mar-18	0.025	<MDL	0.028		0.053		0.025	<MDL	0.025	<MDL	0.04		0.025	<MDL	0.044	
08-Apr-18	0.025	<MDL	0.034		0.068		0.025	<MDL	0.025	<MDL	0.042		0.025	<MDL	0.044	
20-Apr-18	0.025	<MDL	0.033		0.052		0.025	<MDL	0.025	<MDL	0.032		0.025	<MDL	0.035	
02-May-18	0.05		0.089		0.148		0.061		0.079		0.076		0.025	<MDL	0.1	
14-May-18		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF
26-May-18	0.032		0.062		0.094		0.036		0.045		0.069		0.025	<MDL	0.093	
07-Jun-18	0.025	<MDL	0.044		0.072		0.028		0.034		0.038		0.025	<MDL	0.048	
19-Jun-18	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
01-Jul-18		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF
13-Jul-18	0.025	<MDL	0.028		0.037		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.033	
25-Jul-18	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
18-Aug-18	0.025	<MDL	0.025	<MDL	0.031		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
30-Aug-18	0.025	<MDL	0.026		0.037		0.025	<MDL	0.025	<MDL	0.026		0.025	<MDL	0.037	
11-Sep-18	0.025	<MDL	0.028		0.058		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
23-Sep-18	0.025	<MDL	0.034		0.07		0.026		0.025	<MDL	0.034		0.025	<MDL	0.033	
05-Oct-18	0.025	<MDL	0.029		0.04		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
17-Oct-18	0.025	<MDL	0.043		0.077		0.032		0.045		0.058		0.025	<MDL	0.071	
29-Oct-18	0.025	<MDL	0.041		0.08		0.031		0.026		0.044		0.025	<MDL	0.043	
10-Nov-18	0.025	<MDL	0.027		0.053		0.025	<MDL	0.025	<MDL	0.053		0.025	<MDL	0.056	
22-Nov-18	0.025	<MDL	0.054		0.066		0.027		0.025	<MDL	0.031		0.025	<MDL	0.036	
04-Dec-18	0.025	<MDL	0.054		0.1		0.042		0.053		0.072		0.025	<MDL	0.079	
16-Dec-18	0.032		0.094		0.178		0.068		0.073		0.126		0.025	<MDL	0.139	
No. of valid samples	23		23		23		23		23		23		23		23	
Maximum	0.05		0.094		0.178		0.068		0.079		0.126		0.025	<MDL	0.139	
Minimum	0.025		0.025		0.025		0.025		0.025		0.025		0.025	<MDL	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		4		n/a		n/a		n/a	

<MDL	Below detection limit
NDIF	No data: invalid filter
NDIV	Invalid sample
NDEF	Laboratory equipment failure