Clean Air Sarnia and Area - PAH Results

Station: Aamjiwnaang First Nation
Data Updated: 27-May-20

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
04-Jan-20		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF
16-Jan-20	0.025	<MDL	0.025	<MDL	0.044		0.025	<MDL	0.025	<MDL	0.036		0.025	<MDL	0.031	
28-Jan-20	0.025	<MDL	0.032		0.12		0.049		0.062		0.115		0.025	<MDL	0.116	
09-Feb-20	0.025	<MDL	0.025	<MDL	0.076		0.028		0.026		0.062		0.025	<MDL	0.057	
21-Feb-20	0.07		0.155		0.315		0.122		0.117		0.193		0.035		0.213	
04-Mar-20	0.025	<MDL	0.041		0.11		0.051		0.054		0.103		0.025	<MDL	0.13	
04-Mar-20	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-Mar-20	0.025	<MDL	0.025		0.05		0.025	<MDL	0.03		0.036		0.025	<MDL	0.041	
28-Mar-20	0.025	<MDL	0.034		0.112		0.042		0.036		0.06		0.025	<MDL	0.059	
09-Apr-20		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF		NDIF
21-Apr-20	0.025	<MDL	0.025	<MDL	0.029		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
03-May-20	0.025	<MDL	0.025	<MDL	0.044		0.025	<MDL	0.025	<MDL	0.033		0.025	<MDL	0.036	
03-May-20	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-May-20	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-May-20	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL
27-May-20	0.025	<MDL	0.025	<MDL	0.036		0.025	<MDL	0.025	<MDL	0.025	<MDL	0.025	<MDL	0.028	
08-Jun-20	0.025	<MDL	0.031		0.054		0.025	<MDL	0.025	<MDL	0.029		0.025	<MDL	0.034	
20-Jun-20	0.025	<MDL	0.037		0.088		0.038		0.052		0.061		0.025	<MDL	0.064	
02-Jul-20	0.025	<MDL	0.025	<MDL	0.034		0.025	<MDL	0.025	<MDL	0.041		0.025	<MDL	0.055	

No. of valid samples	17		17		17		17		17		17		17		17	
Maximum	0.07		0.155		0.315		0.122		0.117		0.193		0.035		0.213	
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		4		n/a		n/a		n/a	

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