Hamilton Air Monitoring Network - TSP Report

Station : STN29567
Location : Niagara / Land, Hamilton

Sample Matrix : Glass Fibre
Method : ICP/ MS

Parameter	TSP	Cd	Cr	Fe	Cu	Pb	Mn	Ni	V
Name		Cadmium	Chromium	Iron	Copper	Lead	Manganese	Nickel	Vanadium
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
MDL	1	0.01	0.002	0.01	0.004	0.04	0.002	0.02	0.01
Date									
02-Jan-18	17	0.005	0.001	0.38	0.012	0.02	0.027	0.01	0.005
08-Jan-18	18	0.005	0.003	0.29	0.020	0.02	0.066	0.01	0.005
14-Jan-18	20	0.005	0.003	0.42	0.028	0.02	0.027	0.01	0.005
20-Jan-18	20	0.005	0.003	0.38	0.023	0.02	0.026	0.01	0.005
26-Jan-18	104	0.005	0.018	4.11	0.063	0.02	0.488	0.01	0.008

01-Feb-18	23	0.005	0.003	0.73	0.018	0.02	0.144	0.01	0.005
07-Feb-18	22	0.005	0.003	0.85	0.019	0.02	0.072	0.01	0.005
13-Feb-18	35	0.005	0.008	1.19	0.058	0.02	0.361	0.01	0.005
19-Feb-18	34	0.005	0.005	1.30	0.045	0.02	0.062	0.01	0.005
25-Feb-18	41	0.005	0.004	0.78	0.015	0.02	0.109	0.01	0.005
03-Mar-18	30	0.005	0.005	1.63	0.026	0.02	0.090	0.01	0.005
09-Mar-18	39	0.005	0.011	1.45	0.019	0.02	0.437	0.01	0.005
15-Mar-18	95	0.005	0.036	3.05	0.036	0.02	0.996	0.01	0.006
21-Mar-18	72	0.005	0.009	2.26	0.038	0.02	0.218	0.01	0.005
27-Mar-18	21	0.005	0.006	0.98	0.033	0.02	0.061	0.01	0.005
02-Apr-18	38	0.005	0.012	1.37	0.029	0.02	0.248	0.01	0.005
08-Apr-18	16	0.005	0.009	0.76	0.021	0.02	0.129	0.01	0.005
14-Apr-18	23	0.005	0.006	1.03	0.021	0.02	0.057	0.01	0.005
20-Apr-18	60	0.005	0.014	2.03	0.030	0.02	0.438	0.01	0.005
26-Apr-18	70	0.005	0.018	2.68	0.029	0.02	0.570	0.01	0.006
02-May-18	124	0.005	0.018	3.69	0.060	0.02	0.309	0.01	0.007
08-May-18	121	0.005	0.028	4.34	0.115	0.02	0.350	0.01	0.016
14-May-18	68	0.005	0.008	1.64	0.056	0.02	0.153	0.01	0.005
20-May-18	68	0.005	0.010	1.61	0.090	0.02	0.127	0.01	0.005
26-May-18	136	0.005	0.017	3.50	0.137	0.02	0.295	0.01	0.009
01-Jun-18	86	0.005	0.012	2.53	0.077	0.02	0.321	0.01	0.005
07-Jun-18	76	0.005	0.008	2.09	0.080	0.02	0.183	0.01	0.005
13-Jun-18	77	0.005	0.018	2.51	0.052	0.02	0.453	0.01	0.005
19-Jun-18	79	0.005	0.012	3.20	0.165	0.02	0.203	0.01	0.007
25-Jun-18	55	0.005	0.008	2.03	0.081	0.02	0.121	0.01	0.005

Parameter	TSP	Cd	Cr	Fe	Cu	Pb	Mn	Ni	V
Name		Cadmium	Chromium	Iron	Copper	Lead	Manganese	Nickel	Vanadium
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
MDL	1	0.01	0.002	0.01	0.004	0.04	0.002	0.02	0.01
Date									
01-Jul-18	44	0.005	0.004	0.68	0.076	0.02	0.060	0.01	0.005
07-Jul-18	54	0.005	0.008	1.50	0.080	0.02	0.142	0.01	0.005
13-Jul-18	90	0.005	0.015	2.86	0.151	0.02	0.350	0.01	0.005
19-Jul-18	110	0.005	0.012	4.55	0.128	0.02	0.310	0.01	0.006
25-Jul-18	51	0.005	0.009	1.60	0.075	0.02	0.248	0.01	0.005
31-Jul-18	46	0.005	0.005	1.22	0.074	0.02	0.065	0.01	0.006
06-Aug-18	59	0.005	0.006	1.41	0.052	0.02	0.231	0.01	0.005
12-Aug-18	34	0.005	0.002	0.76	0.067	0.02	0.055	0.01	0.005
18-Aug-18	50	0.005	0.007	1.70	0.090	0.02	0.154	0.01	0.005
24-Aug-18	61	0.005	0.004	0.95	0.070	0.02	0.152	0.01	0.005
30-Aug-18	35	0.005	0.005	1.32	0.169	0.02	0.101	0.01	0.005
05-Sep-18	55	0.005	0.001	0.11	0.002	0.02	0.003	0.01	0.005
11-Sep-18	16	0.005	0.005	1.98	0.303	0.02	1.009	0.01	0.005
17-Sep-18	47	0.005	0.006	1.33	0.220	0.02	0.294	0.01	0.005
23-Sep-18	49	0.005	0.002	1.29	0.090	0.02	0.128	0.01	0.005
29-Sep-18	18	0.005	0.001	0.52	0.058	0.02	0.052	0.01	0.005
05-Oct-18	42	0.005	0.006	2.22	0.084	0.02	0.131	0.01	0.005
11-Oct-18	60	0.005	0.016	2.38	0.047	0.02	0.530	0.01	0.005
17-Oct-18	69	0.005	0.008	1.87	0.039	0.02	0.536	0.01	0.005
23-Oct-18	62	0.005	0.011	2.85	0.074	0.02	0.777	0.01	0.005
29-Oct-18	38	0.005	0.016	1.70	0.133	0.02	0.383	0.01	0.005
04-Nov-18	-	-	-	-	-	-	-	-	-
10-Nov-18	32	0.005	0.004	0.59	0.017	0.02	0.188	0.01	0.005
16-Nov-18	26	0.005	0.003	0.28	0.032	0.02	0.067	0.01	0.005
22-Nov-18	57	0.005	0.009	2.76	0.043	0.02	0.327	0.01	0.005
28-Nov-18	30	0.005	0.002	1.05	0.017	0.02	0.251	0.01	0.005
04-Dec-18	55	0.005	0.005	2.67	0.033	0.02	0.384	0.01	0.006
10-Dec-18	55	0.005	0.005	1.10	0.016	0.02	0.190	0.01	0.005
16-Dec-18	68	0.005	0.006	1.28	0.019	0.02	0.270	0.01	0.005
22-Dec-18	17	0.005	0.001	0.29	0.011	0.02	0.033	0.01	0.005
28-Dec-18	5	0.005	0.001	0.12	0.010	0.02	0.015	0.01	0.005

Geo Mean	44	0.005	0.006	1.27	0.044	0.02	0.157	0.01	0.005
Max	136	0.005	0.036	4.55	0.303	0.02	1.009	0.01	0.016
Min	5	0.005	0.001	0.11	0.002	0.02	0.003	0.01	0.005
AAQC	120	0.025	0.5	25.0	50	0.5	0.4	0.2	2
No. > AAQC	3	0	0	0	0	0	10	0	0
URT	n/a	0.25	5	n/a	n/a	2	4	2	n/a
No. > URT	n/a	0	0	n/a	n/a	0	0	0	n/a
Sampling Dates	61	61	61	61	61	61	61	61	61
Valid Samples	60	60	60	60	60	60	60	60	60
% Valid Data	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4