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									
04-Jan-21	26	0.005	0.001	0.98	0.030	0.02	0.098	0.01	0.005
10-Jan-21	23	0.005	0.001	1.42	0.025	0.02	0.046	0.01	0.005
16-Jan-21	23	0.005	0.013	0.45	0.014	0.02	0.051	0.01	0.005
22-Jan-21	54	0.005	0.007	1.43	0.015	0.02	0.368	0.01	0.005
28-Jan-21	29	0.005	0.004	0.63	0.017	0.02	0.270	0.01	0.005
03-Feb-21	42	0.005	0.006	0.83	0.015	0.02	0.465	0.01	0.005
09-Feb-21	26	0.005	0.003	0.45	0.015	0.02	0.097	0.01	0.005
15-Feb-21	8	0.005	0.019	0.43	0.019	0.02	0.018	0.01	0.005
21-Feb-21	46	0.005	0.002	0.49	0.050	0.02	0.028	0.01	0.005
27-Feb-21	30	0.005	0.003	0.65	0.050	0.02	0.102	0.01	0.005
05-Mar-21	114	0.005	0.020	3.00	0.038	0.02	1.050	0.01	0.007
11-Mar-21	65	0.005	0.006	1.42	0.022	0.02	0.121	0.01	0.005
17-Mar-21	107	0.005	0.010	2.29	0.041	0.02	0.204	0.01	0.006
23-Mar-21	123	0.005	0.014	3.34	0.112	0.02	0.342	0.01	0.008
29-Mar-21	40	0.005	0.005	1.18	0.031	0.02	0.228	0.01	0.005
04-Apr-21	73	0.005	0.010	1.81	0.044	0.02	0.120	0.01	0.005
10-Apr-21	76	0.005	0.003	0.88	0.028	0.02	0.054	0.01	0.005
16-Apr-21	68	0.005	0.024	1.01	0.019	0.02	0.449	0.01	0.005
22-Apr-21	106	0.005	0.019	1.62	0.018	0.02	0.648	0.01	0.005
28-Apr-21	164	0.005	0.006	2.37	0.025	0.02	0.244	0.01	0.005

04-May-21	41	0.005	0.006	0.92	0.027	0.02	0.088	0.01	0.005
10-May-21	87	0.005	0.012	1.65	0.021	0.02	0.700	0.01	0.005
16-May-21	138	0.005	0.018	3.74	0.061	0.02	0.282	0.01	0.005
22-May-21	126	0.005	0.007	1.85	0.027	0.02	0.209	0.01	0.005
28-May-21	98	0.005	0.006	1.45	0.031	0.02	0.086	0.01	0.005
03-Jun-21	67	0.005	0.008	1.48	0.039	0.02	0.113	0.01	0.005
09-Jun-21	123	0.005	0.016	2.40	0.041	0.02	0.348	0.01	0.005
15-Jun-21	76	0.005	0.005	1.15	0.031	0.02	0.587	0.01	0.005
21-Jun-21	75	0.005	0.005	1.02	0.039	0.02	0.278	0.01	0.005
27-Jun-21	15	0.005	0.001	0.16	0.103	0.02	0.013	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									
03-Jul-21	49	0.005	0.002	0.76	0.087	0.02	0.095	0.01	0.005
09-Jul-21	54	0.005	0.001	1.24	0.066	0.02	0.138	0.01	0.005
15-Jul-21	206	0.005	0.001	1.78	0.056	0.02	0.145	0.01	0.005
21-Jul-21	66	0.005	0.001	1.55	0.067	0.02	0.140	0.01	0.005
27-Jul-21	92	0.005	0.001	1.20	0.067	0.02	0.211	0.01	0.005
02-Aug-21	94	0.005	0.001	0.65	0.033	0.02	0.044	0.01	0.005
08-Aug-21	102	0.005	0.002	0.70	0.049	0.02	0.056	0.01	0.005
14-Aug-21	95	0.005	0.002	1.47	0.038	0.02	0.122	0.01	0.005
20-Aug-21	102	0.005	0.009	2.11	0.058	0.02	0.262	0.01	0.005
26-Aug-21	87	0.005	0.011	2.25	0.051	0.02	0.365	0.01	0.005
01-Sep-21	117	0.005	0.001	2.73	0.029	0.02	0.228	0.01	0.005
07-Sep-21	54	0.005	0.001	1.23	0.050	0.02	0.606	0.01	0.005
13-Sep-21	25	0.005	0.001	1.30	0.040	0.02	0.118	0.01	0.005
19-Sep-21	50	0.005	0.001	0.71	0.037	0.02	0.073	0.01	0.005
25-Sep-21	41	0.005	0.001	1.07	0.052	0.02	0.181	0.01	0.005
01-Oct-21									
07-Oct-21									
13-Oct-21									
19-Oct-21									
25-Oct-21									
31-Oct-21									
06-Nov-21									
12-Nov-21									
18-Nov-21									
24-Nov-21									
30-Nov-21									
06-Dec-21									
12-Dec-21									
18-Dec-21									
24-Dec-21									
30-Dec-21									

Geo Mean	61	0.005	0.004	1.19	0.036	0.02	0.156	0.01	0.005
Max	206	0.005	0.024	3.74	0.112	0.02	1.050	0.01	0.008
Min	8	0.005	0.001	0.16	0.014	0.02	0.013	0.01	0.005
AAQC	120	0.025	0.5	25.0	50	0.5	0.4	0.2	2
No. > AAQC	6	0	0	0	0	0	7	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	45	45	45	45	45	45	45	45	45
Valid Samples	45	45	45	45	45	45	45	45	45
% Valid Data	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0