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									
03-Jan-19	22	0.005	0.005	0.58	0.019	0.02	0.088	0.01	0.005
09-Jan-19	49	0.005	0.009	3.26	0.069	0.02	0.827	0.01	0.005
15-Jan-19	36	0.005	0.006	1.11	0.020	0.02	0.289	0.01	0.005
21-Jan-19	19	0.005	0.006	0.78	0.021	0.02	0.857	0.01	0.005
27-Jan-19	26	0.005	0.005	0.54	0.022	0.02	0.046	0.01	0.005
02-Feb-19	28	0.005	0.001	0.77	0.023	0.02	0.017	0.01	0.005
08-Feb-19	49	0.005	0.003	1.64	0.015	0.02	0.183	0.01	0.005
14-Feb-19	31	0.005	0.003	1.24	0.024	0.02	0.082	0.01	0.005
20-Feb-19	33	0.005	0.003	0.92	0.026	0.02	0.049	0.01	0.005
26-Feb-19	108	0.005	0.009	1.85	0.048	0.02	0.818	0.01	0.006

04-Mar-19	75	0.005	0.026	3.54	0.088	0.02	1.022	0.01	0.009
10-Mar-19	29	0.005	0.003	0.64	0.025	0.02	0.092	0.01	0.005
16-Mar-19	39	0.005	0.003	0.95	0.021	0.02	0.161	0.01	0.005
22-Mar-19	141	0.005	0.011	2.70	0.082	0.02	0.779	0.01	0.005
28-Mar-19	68	0.005	0.004	2.22	0.126	0.02	0.145	0.01	0.005
03-Apr-19	142	0.005	0.020	2.91	0.035	0.69	0.006	0.02	0.010
09-Apr-19	38	0.005	0.003	0.97	0.026	0.33	0.005	0.01	0.005
15-Apr-19	41	0.005	0.002	0.65	0.016	0.16	0.001	0.01	0.005
21-Apr-19	32	0.005	0.002	0.89	0.043	0.12	0.001	0.01	0.005
27-Apr-19	39	0.005	0.003	0.85	0.032	0.16	0.001	0.01	0.005
03-May-19	-	-	-	-	-	-	-	-	-
09-May-19	91	0.005	0.012	2.27	0.060	0.02	0.315	0.01	0.007
15-May-19	85	0.005	0.017	2.62	0.038	0.02	0.821	0.01	0.005
21-May-19	82	0.005	0.006	2.60	0.051	0.02	0.295	0.01	0.006
27-May-19	196	0.005	0.021	7.56	0.074	0.02	0.562	0.01	0.019
02-Jun-19	55	0.005	0.006	0.85	0.027	0.02	0.193	0.01	0.008
08-Jun-19	69	0.005	0.008	1.44	0.069	0.02	0.112	0.01	0.006
14-Jun-19	75	0.005	0.018	1.89	0.058	0.02	0.310	0.01	0.005
20-Jun-19	76	0.005	0.015	2.54	0.070	0.02	0.194	0.01	0.007
26-Jun-19	65	0.005	0.011	3.12	0.062	0.02	0.276	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									
02-Jul-19	94	0.005	0.018	3.91	0.207	0.02	1.124	0.01	0.006
08-Jul-19	110	0.005	0.022	5.05	0.101	0.02	0.372	0.01	0.012
14-Jul-19	45	0.005	0.007	1.27	0.068	0.02	0.118	0.01	0.005
20-Jul-19	37	0.005	0.006	0.96	0.035	0.02	0.130	0.01	0.005
26-Jul-19	75	0.005	0.007	1.68	0.038	0.02	0.193	0.01	0.005
01-Aug-19	61	0.005	0.010	1.65	0.040	0.02	0.165	0.01	0.006
07-Aug-19	60	0.005	0.008	1.75	0.058	0.02	0.172	0.01	0.005
13-Aug-19	81	0.005	0.009	2.38	0.039	0.02	0.158	0.01	0.006
19-Aug-19	44	0.005	0.009	1.13	0.029	0.02	0.194	0.01	0.005
25-Aug-19	38	0.005	0.009	1.33	0.035	0.02	0.114	0.01	0.005
31-Aug-19	38	0.005	0.009	1.41	0.032	0.02	0.121	0.01	0.005
06-Sep-19	52	0.005	0.008	1.33	0.044	0.02	0.160	0.01	0.005
12-Sep-19	39	0.005	0.005	1.24	0.044	0.02	0.080	0.01	0.005
18-Sep-19	79	0.005	0.011	2.17	0.056	0.02	0.176	0.01	0.005
24-Sep-19	55	0.005	0.009	0.97	0.036	0.02	0.169	0.01	0.005
30-Sep-19	40	0.005	0.007	1.46	0.046	0.02	0.111	0.01	0.005
06-Oct-19	-	-	-	-	-	-	-	-	-
12-Oct-19	20	0.005	0.003	0.48	0.045	0.02	0.053	0.01	0.005
18-Oct-19	50	0.005	0.013	1.78	0.046	0.02	0.630	0.01	0.005
24-Oct-19	32	0.005	0.004	0.78	0.039	0.02	0.148	0.01	0.005
30-Oct-19	13	0.005	0.001	0.27	0.055	0.02	0.018	0.01	0.005
05-Nov-19	32	0.005	0.005	0.75	0.023	0.02	0.256	0.01	0.005
11-Nov-19	6	0.005	0.001	0.21	0.031	0.02	0.024	0.01	0.005
17-Nov-19	28	0.005	0.005	0.78	0.062	0.02	0.059	0.01	0.005
23-Nov-19	42	0.005	0.003	0.89	0.043	0.02	0.156	0.01	0.005
29-Nov-19	113	0.005	0.005	1.93	0.051	0.02	0.309	0.01	0.005
05-Dec-19	44	0.005	0.005	1.27	0.032	0.02	0.407	0.01	0.005
11-Dec-19	79	0.005	0.005	1.40	0.024	0.02	0.264	0.01	0.005
17-Dec-19	31	0.005	0.003	0.98	0.077	0.02	0.194	0.01	0.005
23-Dec-19	33	0.005	0.001	0.43	0.027	0.02	0.082	0.01	0.005
29-Dec-19	30	0.005	0.001	0.25	0.021	0.02	0.022	0.01	0.005

Geo Mean	48	0.005	0.006	1.28	0.041	0.02	0.119	0.01	0.006
Max	196	0.005	0.026	7.56	0.207	0.69	1.124	0.02	0.019
Min	6	0.005	0.001	0.21	0.015	0.02	0.001	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	1	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	59	59	59	59	59	59	59	59	59
% Valid Data	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7