Hamilton Air Monitoring Network - TSP Report

Station : STN29160
Location : Burlington St, 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									
06-Jan-23	29	0.005	0.001	0.33	0.002	0.02	0.073	0.01	0.005
12-Jan-23	24	0.005	0.001	0.93	0.017	0.02	0.114	0.01	0.005
18-Jan-23	24	0.005	0.001	0.56	0.002	0.02	0.059	0.01	0.005
24-Jan-23	37	0.005	0.001	0.31	0.002	0.02	0.038	0.01	0.005
30-Jan-23	35	0.005	0.001	0.17	0.002	0.02	0.022	0.01	0.005
05-Feb-23	41	0.005	0.002	0.34	0.021	0.02	0.161	0.01	0.005
11-Feb-23	24	0.005	0.001	0.21	0.008	0.02	0.030	0.01	0.005
17-Feb-23	19	0.005	0.001	0.13	0.012	0.02	0.024	0.01	0.005
23-Feb-23	19	0.005	0.001	0.34	0.014	0.02	0.079	0.01	0.005
01-Mar-23	25	0.005	0.001	0.48	0.047	0.02	0.183	0.01	0.005
07-Mar-23	43	0.005	0.001	0.46	0.010	0.02	0.084	0.01	0.005
13-Mar-23	25	0.005	0.001	0.06	0.007	0.02	0.030	0.01	0.005
19-Mar-23	21	0.005	0.001	0.12	0.003	0.02	0.069	0.01	0.005
25-Mar-23	22	0.005	0.003	0.20	0.011	0.02	0.110	0.01	0.005
31-Mar-23	33	0.005	0.002	0.56	0.025	0.02	0.278	0.01	0.005
06-Apr-23	37	0.005	0.004	0.63	0.006	0.02	0.067	0.01	0.005
12-Apr-23	81	0.005	0.005	1.36	0.012	0.02	0.081	0.01	0.005
18-Apr-23	17	0.005	0.002	0.30	0.005	0.02	0.034	0.01	0.005
24-Apr-23	46	0.005	0.004	0.66	0.012	0.02	0.092	0.01	0.005
30-Apr-23	23	0.005	0.003	0.36	0.030	0.02	0.038	0.01	0.005
06-May-23	95	0.005	0.014	2.19	0.036	0.02	0.306	0.01	0.008
12-May-23	115	0.005	0.007	1.56	0.034	0.02	0.141	0.01	0.005
18-May-23	104	0.005	0.011	2.72	0.071	0.02	0.979	0.01	0.008
24-May-23	138	0.005	0.009	2.17	0.054	0.02	0.357	0.01	0.005
30-May-23	141	0.005	0.009	2.48	0.058	0.02	0.804	0.01	0.008
05-Jun-23	123	0.005	0.007	1.62	0.038	0.02	0.177	0.01	0.005
11-Jun-23	79	0.005	0.006	1.13	0.056	0.02	0.153	0.01	0.005
17-Jun-23	62	0.005	0.004	0.57	0.033	0.02	0.454	0.01	0.005
23-Jun-23	69	0.005	0.010	1.75	0.079	0.02	0.515	0.01	0.005
29-Jun-23	100	0.005	0.011	2.23	0.065	0.02	0.247	0.01	0.005
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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									
05-Jul-23	47	0.002	0.001	0.36	0.017	0.02	0.024	0.01	0.005
11-Jul-23	34	0.000	0.002	0.49	0.019	0.00	0.038	0.00	0.001
17-Jul-23	62	0.000	0.005	0.74	0.025	0.00	0.067	0.00	0.002
23-Jul-23	49	0.000	0.003	0.63	0.050	0.00	0.055	0.00	0.001
29-Jul-23	52	0.005	0.008	1.47	0.056	0.02	0.080	0.01	0.005
04-Aug-23	82	0.005	0.001	0.36	0.058	0.02	0.035	0.01	0.005
10-Aug-23	45	0.005	0.001	0.26	0.012	0.02	0.026	0.01	0.005
16-Aug-23	80	0.005	0.001	0.23	0.009	0.02	0.050	0.01	0.005
22-Aug-23	86	0.005	0.006	1.52	0.025	0.02	0.288	0.01	0.005
28-Aug-23	86	0.005	0.002	0.98	0.021	0.02	0.234	0.01	0.005
03-Sep-23	50	0.005	0.006	0.81	0.020	0.02	0.088	0.01	0.005
09-Sep-23	21	0.005	0.003	0.37	0.031	0.02	0.048	0.01	0.005
15-Sep-23	74	0.005	0.010	2.20	0.043	0.02	0.879	0.01	0.005
21-Sep-23	84	0.005	0.013	2.50	0.039	0.02	0.853	0.01	0.006
27-Sep-23	114	0.005	0.012	3.96	0.039	0.02	0.637	0.01	0.011
03-Oct-23	99	0.005	0.009	1.85	0.025	0.02	0.118	0.01	0.006
09-Oct-23	25	0.005	0.002	0.40	0.008	0.02	0.026	0.01	0.005
15-Oct-23	8	0.005	0.001	0.36	0.022	0.02	0.038	0.01	0.005
21-Oct-23	33	0.005	0.001	0.35	0.014	0.02	0.031	0.01	0.005
27-Oct-23	45	0.005	0.003	0.69	0.009	0.02	0.064	0.01	0.005
02-Nov-23	56	0.005	0.004	0.54	0.012	0.02	0.048	0.01	0.005
08-Nov-23	57	0.005	0.004	0.59	0.035	0.02	0.157	0.01	0.005
14-Nov-23	78	0.005	0.005	0.89	0.025	0.02	0.083	0.01	0.005
20-Nov-23	70	0.005	0.011	1.77	0.036	0.02	1.077	0.01	0.027
26-Nov-23	42	0.005	0.003	0.58	0.039	0.02	0.043	0.01	0.005
02-Dec-23	16	0.005	0.002	0.20	0.030	0.02	0.037	0.01	0.005
08-Dec-23	73	0.005	0.019	2.54	0.097	0.02	1.558	0.01	0.006
14-Dec-23	64	0.005	0.971	5.22	0.022	0.02	0.119	0.45	0.005
20-Dec-23	75	0.005	0.015	1.53	0.047	0.02	0.142	0.01	0.005
26-Dec-23	22	0.005	0.001	0.18	0.048	0.02	0.042	0.01	0.005
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Arith Mean	56	0.005	0.021	1.03	0.028	0.02	0.213	0.02	0.005
Geo Mean	47	0.005	0.003	0.57	0.015	0.02	0.108	0.01	0.005
Max	141	0.005	0.971	5.22	0.097	0.02	1.558	0.45	0.027
Min	8	0.000	0.001	0.06	0.002	0.00	0.022	0.00	0.001
AAQC	120	0.025	0.5	25.0	50	0.5	0.4	0.2	2
No. > AAQC	3	0	1	0	0	0	9	1	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	30	30	30	30	30	30	30	30	30
Valid Samples	30	30	30	30	30	30	30	30	30
% Valid Data	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0