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									
04-Jan-21	20	0.005	0.001	0.12	0.150	0.02	0.067	0.01	0.005
10-Jan-21	24	0.005	0.002	0.16	0.145	0.02	0.055	0.01	0.005
16-Jan-21	19	0.005	0.002	0.14	0.047	0.02	0.034	0.01	0.005
22-Jan-21	46	0.005	0.001	0.54	0.018	0.02	0.092	0.01	0.005
28-Jan-21	42	0.005	0.004	2.94	0.035	0.02	0.097	0.01	0.005
03-Feb-21	53	0.005	0.003	0.77	0.042	0.02	0.255	0.01	0.005
09-Feb-21	35	0.005	0.001	0.21	0.083	0.02	0.028	0.01	0.005
15-Feb-21	27	0.005	0.001	0.40	0.100	0.02	0.084	0.01	0.005
21-Feb-21	45	0.005	0.003	0.41	0.085	0.02	0.022	0.01	0.005
27-Feb-21	35	0.005	0.002	0.53	0.143	0.02	0.058	0.01	0.005
05-Mar-21	61	0.005	0.001	0.38	0.015	0.02	0.030	0.01	0.005
11-Mar-21	65	0.005	0.001	0.54	0.013	0.02	0.073	0.01	0.005
17-Mar-21	117	0.005	0.012	2.43	0.162	0.02	0.659	0.01	0.006
23-Mar-21	140	0.005	0.012	3.25	0.175	0.02	0.397	0.01	0.008
29-Mar-21	36	0.005	0.002	0.58	0.026	0.02	0.077	0.01	0.005
04-Apr-21	79	0.005	0.011	1.81	0.057	0.02	0.172	0.01	0.005
10-Apr-21	77	0.005	0.002	0.81	0.040	0.02	0.516	0.01	0.002
16-Apr-21	49	0.005	0.005	0.66	0.016	0.02	0.128	0.01	0.002
22-Apr-21	60	0.005	0.009	1.09	0.014	0.02	0.161	0.01	0.004
28-Apr-21	122	0.005	0.013	2.41	0.054	0.02	0.427	0.01	0.005

04-May-21	69	0.005	0.006	0.96	0.040	0.02	0.177	0.01	0.005
10-May-21	59	0.005	0.001	0.57	0.009	0.02	0.104	0.01	0.005
16-May-21	133	0.005	0.012	2.61	0.043	0.02	0.199	0.01	0.005
22-May-21	69	0.005	0.004	0.74	0.015	0.02	0.419	0.01	0.005
28-May-21	84	0.005	0.001	0.50	0.014	0.02	0.067	0.01	0.005
03-Jun-21	76	0.005	0.010	1.45	0.036	0.02	0.482	0.01	0.005
09-Jun-21	122	0.005	0.023	2.74	0.062	0.02	0.761	0.01	0.005
15-Jun-21	66	0.005	0.005	0.96	0.017	0.02	0.111	0.01	0.005
21-Jun-21	44	0.005	0.007	1.07	0.070	0.02	0.069	0.01	0.005
27-Jun-21	29	0.005	0.001	0.20	0.005	0.02	0.018	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	50	0.005	0.001	0.62	0.019	0.02	0.131	0.01	0.005
09-Jul-21	52	0.005	0.001	0.67	0.017	0.02	0.174	0.01	0.005
15-Jul-21	63	0.005	0.001	0.66	0.015	0.02	0.057	0.01	0.005
21-Jul-21	38	0.005	0.001	0.35	0.038	0.02	0.076	0.01	0.005
27-Jul-21	87	0.005	0.001	0.85	0.024	0.02	0.144	0.01	0.005
02-Aug-21	92	0.005	0.001	0.29	0.023	0.02	0.045	0.01	0.005
08-Aug-21	121	0.005	0.003	0.68	0.026	0.02	0.078	0.01	0.005
14-Aug-21	102	0.005	0.001	0.53	0.021	0.02	0.109	0.01	0.005
20-Aug-21	-	-	-	-	-	-	-	-	-
26-Aug-21	91	0.005	0.009	1.88	0.026	0.02	0.235	0.01	0.005
01-Sep-21	103	0.005	0.001	1.87	0.036	0.02	0.921	0.01	0.005
07-Sep-21	55	0.005	0.001	0.54	0.027	0.02	0.127	0.01	0.005
13-Sep-21	70	0.005	0.001	0.51	0.022	0.02	0.160	0.01	0.005
19-Sep-21	72	0.005	0.001	2.08	0.052	0.02	0.444	0.01	0.005
25-Sep-21	44	0.005	0.001	0.85	0.033	0.02	0.109	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	60	0.005	0.002	0.73	0.034	0.02	0.125	0.01	0.005
Max	140	0.005	0.023	3.25	0.175	0.02	0.921	0.01	0.008
Min	19	0.005	0.001	0.12	0.005	0.02	0.018	0.01	0.002
AAQC	120	0.025	0.5	25.0	50	0.5	0.4	0.2	2
No. > AAQC	5	0	0	0	0	0	8	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	44	44	44	44	44	44	44	44	44
% Valid Data	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8