

TABLE B-1 Triggered Sample Results at all PRAMP Stations (842, 986, and Reno) for the year of 2018

Station		842 ¹	842 ²	Reno	Reno ³	842	986
Sampled Date (MM/DD/YYYY)		2018-02-16	2018-03-01	2018-03-07	2018-07-02	2018-07-26	2018-12-09
Sampled Time		10:35	1:25	21:45	8:10	7:30	20:25
Parameter	Unit	Result	Result	Result	Result	Result	Result
1-Butene	ppmv	< 0.13	< 0.13	< 0.13	< 0.14	< 0.14	< 0.14
Acetylene	ppmv	< 0.3	< 0.3	< 0.3	< 0.11	< 0.11	< 0.12
cis-2-Butene	ppmv	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.06
Ethane	ppmv	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylacetylene	ppmv	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.09
Ethylene	ppmv	< 0.3	< 0.3	< 0.3	< 0.10	< 0.09	< 0.10
Isobutane	ppmv	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Isobutylene	ppmv	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methane	ppmv	2.5	< 0.1	4.5	1.7	2.1	2.0
n-Butane	ppmv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
n-Propane	ppmv	< 0.09	< 0.09	< 0.09	< 0.10	< 0.09	< 0.10
Propylene	ppmv	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Propyne	ppmv	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
trans-2-Butene	ppmv	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.13
2,5-Dimethylthiophene	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
2-Ethylthiophene	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3
2-Methylthiophene	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3
3-Methylthiophene	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Butyl mercaptan	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Carbon disulphide	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	2.0
Carbonyl sulphide	ppbv	0.7	0.6	0.7	< 0.4	< 0.3	4.1
Dimethyl disulphide	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3
Dimethyl sulphide	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3
Ethyl mercaptan	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Ethyl sulphide	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Hydrogen sulphide	ppbv	< 0.1	< 0.1	< 0.1	1.1	< 0.1	1.5
Isobutyl mercaptan	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Isopropyl mercaptan	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Methyl mercaptan	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3
Pentyl mercaptan	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.4	< 0.6
Propyl mercaptan	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.4	< 0.6
tert-Butyl mercaptan	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.3	< 0.4
Thiophene	ppbv	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3
1,1,1-Trichloroethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
1,1,2,2-Tetrachloroethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
1,1,2-Trichloroethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
1,1-Dichloroethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
1,1-Dichloroethylene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	< 0.07	< 0.06
1,2,3-Trimethylbenzene	ppbv	< 0.06	< 0.06	< 0.07	< 0.07	0.78	< 0.07
1,2,4-Trichlorobenzene	ppbv	< 1.0	< 1.0	< 1.1	< 1.1	< 1.4	< 1.2
1,2,4-Trimethylbenzene	ppbv	< 0.06	< 0.06	< 0.07	< 0.07	1.79	0.11
1,2-Dibromoethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
1,2-Dichlorobenzene	ppbv	< 0.04	< 0.04	< 0.04	< 0.04	< 0.05	< 0.04
1,2-Dichloroethane	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	0.08	0.05
1,2-Dichloropropane	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	0.05
1,3,5-Trimethylbenzene	ppbv	< 0.03	< 0.03	0.04	< 0.03	0.72	0.15
1,3-Butadiene	ppbv	0.13	0.03	0.09	0.14	0.13	0.42
1,3-Dichlorobenzene	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.5	< 0.4
1,4-Dichlorobenzene	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.6
1,4-Dioxane	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.6

1-Butene	ppbv	0.81	1.02	0.55	0.67	1.12	2.15
1-Hexene	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	0.31
1-Pentene	ppbv	0.04	< 0.01	< 0.01	0.12	0.11	0.33
2,2,4-Trimethylpentane	ppbv	< 0.01	< 0.01	< 0.01	0.06	< 0.02	< 0.01
2,2-Dimethylbutane	ppbv	< 0.01	< 0.01	0.04	0.08	0.04	0.14
2,3,4-Trimethylpentane	ppbv	< 0.01	< 0.01	< 0.01	0.12	0.11	0.04
2,3-Dimethylbutane	ppbv	< 0.03	< 0.03	0.13	0.12	0.22	0.14
2,3-Dimethylpentane	ppbv	< 0.03	< 0.03	0.10	0.06	0.12	0.19
2,4-Dimethylpentane	ppbv	< 0.01	< 0.01	0.03	< 0.01	< 0.02	0.12
2-Methylheptane	ppbv	< 0.01	< 0.01	< 0.01	0.15	0.21	0.18
2-Methylhexane	ppbv	< 0.01	< 0.01	0.10	0.02	0.14	0.25
2-Methylpentane	ppbv	< 0.01	0.03	0.67	< 0.01	< 0.02	0.42
3-Methylheptane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	0.20	0.07
3-Methylhexane	ppbv	0.03	< 0.03	0.16	0.05	0.06	0.17
3-Methylpentane	ppbv	< 0.01	< 0.01	0.45	0.09	0.11	0.31
Acetone	ppbv	5.6	3.1	0.9	4.5	8.3	25.6
Acrolein	ppbv	< 0.4	< 0.4	< 0.4	0.5	0.6	1.7
Benzene	ppbv	< 0.01	0.10	0.13	0.08	0.60	1.95
Benzyl chloride	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.6
Bromodichloromethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	0.12	< 0.03
Bromoform	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
Bromomethane	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	0.07	< 0.01
Carbon disulfide	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	0.14	0.21
Carbon tetrachloride	ppbv	< 0.01	0.08	0.06	0.05	0.16	0.09
Chlorobenzene	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
Chloroethane	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03
Chloroform	ppbv	< 0.03	< 0.03	< 0.03	0.10	0.05	< 0.03
Chloromethane	ppbv	0.42	0.79	0.42	0.45	0.74	0.79
cis-1,2-Dichloroethene	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01
cis-1,3-Dichloropropene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	< 0.07	< 0.06
cis-2-Butene	ppbv	0.03	0.14	0.04	< 0.03	0.10	0.23
cis-2-Pentene	ppbv	< 0.03	< 0.03	< 0.03	0.08	0.12	2.36
Cyclohexane	ppbv	< 0.03	< 0.03	0.83	< 0.03	0.15	0.43
Cyclopentane	ppbv	< 0.01	0.03	0.17	0.08	< 0.02	0.08
Dibromochloromethane	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01
Ethanol	ppbv	1.7	1.5	0.5	6.3	5.5	9.1
Ethyl acetate	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.6
Ethylbenzene	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	0.38
Freon-11	ppbv	0.34	0.14	0.14	0.20	0.39	0.37
Freon-113	ppbv	< 0.01	0.03	0.07	< 0.01	< 0.02	0.12
Freon-114	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	0.08
Freon-12	ppbv	0.71	0.79	0.63	0.55	0.59	0.54
Hexachloro-1,3-butadiene	ppbv	< 0.64	< 0.64	< 0.66	< 0.68	< 0.89	< 0.72
Isobutane	ppbv	1.29	0.80	1.63	0.22	0.57	1.51
Isopentane	ppbv	0.93	0.75	1.36	0.11	0.54	0.48
Isoprene	ppbv	0.05	< 0.01	< 0.01	0.29	2.78	0.22
Isopropyl alcohol	ppbv	< 0.5	0.9	< 0.5	0.7	1.2	1.1
Isopropylbenzene	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	0.24	0.10
m,p-Xylene	ppbv	< 0.04	< 0.04	0.13	< 0.04	0.41	0.50
m-Diethylbenzene	ppbv	< 0.05	< 0.05	< 0.05	0.13	0.46	< 0.06
m-Ethyltoluene	ppbv	< 0.10	< 0.10	< 0.11	< 0.11	1.39	0.16
Methyl butyl ketone	ppbv	< 0.64	< 0.64	< 0.66	0.70	1.49	< 0.72
Methyl ethyl ketone	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	0.7	5.1
Methyl isobutyl ketone	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	0.9
Methyl methacrylate	ppbv	< 0.09	< 0.09	< 0.09	< 0.10	< 0.12	< 0.10
Methyl tert butyl ether	ppbv	< 0.04	< 0.04	< 0.04	< 0.04	0.17	< 0.04

Methylcyclohexane	ppbv	< 0.01	< 0.01	1.25	0.10	0.17	0.73
Methylcyclopentane	ppbv	< 0.03	< 0.03	0.87	0.07	0.12	0.27
Methylene chloride	ppbv	< 0.4	< 0.4	< 0.4	< 0.4	< 0.5	< 0.4
n-Butane	ppbv	1.91	2.15	2.18	0.18	0.81	1.25
n-Decane	ppbv	< 0.08	< 0.08	< 0.08	0.08	0.33	< 0.09
n-Dodecane	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.6
n-Heptane	ppbv	< 0.01	0.08	0.08	0.10	< 0.02	0.50
n-Hexane	ppbv	< 0.01	< 0.01	0.19	0.11	0.30	0.74
n-Nonane	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	0.15
n-Octane	ppbv	< 0.03	< 0.03	< 0.03	0.12	0.19	0.17
n-Pentane	ppbv	2.7	0.3	0.9	< 0.1	0.3	0.7
n-Propylbenzene	ppbv	< 0.06	< 0.06	< 0.07	< 0.07	0.72	0.16
n-Undecane	ppbv	< 0.6	< 0.6	< 0.7	< 0.7	< 0.9	< 0.7
Naphthalene	ppbv	< 0.6	< 0.6	< 0.7	< 0.7	< 0.9	< 0.7
o-Ethyltoluene	ppbv	< 0.01	< 0.01	< 0.01	0.09	0.64	0.12
o-Xylene	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	0.40	0.25
p-Diethylbenzene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	0.56	< 0.06
p-Ethyltoluene	ppbv	< 0.09	< 0.09	< 0.09	< 0.10	0.47	0.11
Styrene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	< 0.07	0.35
Tetrachloroethylene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	< 0.07	0.17
Tetrahydrofuran	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.6
Toluene	ppbv	< 0.01	< 0.01	0.26	0.18	0.37	1.33
trans-1,2-Dichloroethylene	ppbv	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	1.37
trans-1,3-Dichloropropylene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	< 0.07	< 0.06
trans-2-Butene	ppbv	0.05	0.14	0.02	< 0.01	0.10	0.30
trans-2-Pentene	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	0.07	0.22
Trichloroethylene	ppbv	< 0.05	< 0.05	< 0.05	< 0.05	< 0.07	< 0.06
Vinyl acetate	ppbv	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.6
Vinyl chloride	ppbv	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	0.09

Note:

1. Canister collected on February 16 is not a valid event. The sample was collected during the canister system check.
2. Canister collected on March 1 is not a valid event. The sample was a blank sample.
3. Canister collected on July 2 is not considered a valid event. The canister system was triggered while the carrier gas was being replaced.