

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002196.D
 Acq On : 01 Jun 2018 00:22
 Operator : JC/MD
 Sample : J3232-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Jun 01 11:59:09 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	71	0.00
2 M	Dichlorodifluoromethane	1.593	0.002#	99.9#	0#	0.00
3 M	Chloromethane	1.895	0.000#	100.0#	0#	-1.32#
4 M	Vinyl Chloride	1.885	0.001#	99.9#	0#	0.18
5 M	Bromomethane	1.056	0.000#	100.0#	0#	-1.64#
6 M	Chloroethane	1.115	0.003#	99.7#	0#	0.00
7 M	Trichlorofluoromethane	2.875	0.000#	100.0#	0#	-1.93#
8 T	Diethyl Ether	1.082	0.003#	99.7#	0#	0.04
9	1,1,2-Trichlorotrifluoroeth	1.548	0.000#	100.0#	0#	-2.39#
10 M	1,1-Dichloroethene	1.493	0.003#	99.8#	0#	0.00
11	Methyl Iodide	2.345	0.000#	100.0#	0#	-2.51#
12	Methyl Acetate	2.419	0.003#	99.9#	0#	0.00
13 M	Acrolein	0.206	0.000#	100.0#	0#	0.00
14 M	Acrylonitrile	0.995	0.001#	99.9#	0#	0.00
15 M	Acetone	0.265	0.000#	100.0#	0#	-0.18
16 M	Carbon Disulfide	4.262	0.019#	99.6#	0#	0.00
17	Allyl chloride	3.081	0.001#	100.0#	0#	0.15
18 M	Methylene Chloride	1.678	0.000#	100.0#	0#	-2.86#
19 M	trans-1,2-Dichloroethene	1.578	0.002#	99.9#	0#	0.01
20 T	Diisopropyl ether	5.882	0.002#	100.0#	0#	0.00
21 M	1,1-Dichloroethane	3.131	0.001#	100.0#	0#	0.00
22 M	cis-1,2-Dichloroethene	1.881	0.001#	99.9#	0#	0.00
23 M	tert-Butyl Alcohol	0.516	0.000#	100.0#	0#	-3.08#
24 M	Methyl tert-Butyl Ether	5.826	0.000#	100.0#	0#	-3.21#
25 M	Chloroform	3.292	0.000#	100.0#	0#	-5.23#
26	Cyclohexane	2.882	0.001#	100.0#	0#	-0.03
27 s	1,2-Dichloroethane-d4	2.361	2.476	-4.9	76	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
29	1,1-Dichloropropene	0.420	0.000#	100.0#	0#	0.00
30 M	2-Butanone	0.293	0.000#	100.0#	0#	0.00
31	2,2-Dichloropropane	0.369	0.000#	100.0#	0#	-0.09
32 M	1,1,1-Trichloroethane	0.548	0.000#	100.0#	0#	-5.51#
33 M	Carbon Tetrachloride	0.498	0.000#	100.0#	0#	-5.79#
34 M	Benzene	1.267	0.000#	100.0#	0#	0.09
35	Methacrylonitrile	0.324	0.001#	99.7#	0#	0.00
36 M	1,2-Dichloroethane	0.494	0.002#	99.6#	0#	0.00
37 M	Trichloroethene	0.360	0.000#	100.0#	0#	-7.22#
38	Methylcyclohexane	0.490	0.001#	99.8#	0#	0.01
39 M	1,2-Dichloropropane	0.343	0.000#	100.0#	0#	0.16
40	Dibromomethane	0.230	0.000#	100.0#	0#	0.00
41 M	Bromodichloromethane	0.477	0.000#	100.0#	0#	0.00
42 M	Vinyl Acetate	0.926	0.000#	100.0#	0#	0.00
43	Ethyl Acetate	0.575	0.001#	99.8#	0#	0.00
44	Isopropyl Acetate	0.956	0.001#	99.9#	0#	0.46
45 T	1,4-Dioxane	0.009	0.000#	100.0#	0#	-7.76#

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.484	0.001#	99.8#	0#	-0.32
47	n-amyl Acetate	0.879	0.001#	99.9#	0#	-0.01
48 M	t-1,3-Dichloropropene	0.536	0.000#	100.0#	0#	0.27
49 T	cis-1,3-Dichloropropene	0.519	0.000#	100.0#	0#	-0.33
50 M	1,1,2-Trichloroethane	0.330	0.000#	100.0#	0#	-9.22#
51	Ethyl methacrylate	0.572	0.000#	100.0#	0#	0.22
52	1,3-Dichloropropane	0.557	0.000#	100.0#	0#	-9.38#
53 M	Dibromochloromethane	0.403	0.000#	100.0#	0#	-0.24
54 M	1,2-Dibromoethane	0.357	0.000#	100.0#	0#	-9.68#
55 M	2-Chloroethyl vinyl ether	0.268	0.000#	100.0#	0#	0.38
56 M	Bromoform	0.355	0.000#	100.0#	0#	-10.87#
57 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
58 M	4-Methyl-2-Pentanone	0.653	0.000#	100.0#	0#	0.00
59 M	2-Hexanone	0.507	0.000#	100.0#	0#	0.00
60 S	4-Bromofluorobenzene	0.514	0.457	11.1	65	0.00
61 M	Tetrachloroethene	0.458	0.001#	99.8#	0#	0.00
62 M	Toluene	1.532	0.001#	99.9#	0#	0.00
63 S	Toluene-d8	1.337	1.368	-2.3	73	0.00
64 M	Chlorobenzene	0.992	0.000#	100.0#	0#	-10.15#
65	1,1,1,2-Tetrachloroethane	0.404	0.000#	100.0#	0#	-10.23#
66 M	Ethyl Benzene	1.722	0.001#	99.9#	0#	0.00
67 M	m/p-Xylenes	0.654	0.001#	99.8#	0#	0.00
68 M	o-Xylene	0.655	0.001#	99.8#	0#	-0.34
69 M	Styrene	1.099	0.000#	100.0#	0#	0.00
70	Isopropylbenzene	1.753	0.001#	99.9#	0#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.549	0.001#	99.8#	0#	-0.13
72	1,2,3-Trichloropropane	0.517	0.001#	99.8#	0#	0.16
73	Bromobenzene	0.471	0.000#	100.0#	0#	-11.26#
74	n-propylbenzene	1.956	0.002#	99.9#	0#	0.00
75	2-Chlorotoluene	1.207	0.004#	99.7#	0#	-0.29
76	1,3,5-Trimethylbenzene	1.490	0.001#	99.9#	0#	0.30
77	t-1,4-Dichloro-2-butene	0.187	0.000#	100.0#	0#	-11.08#
78	4-Chlorotoluene	1.372	0.004#	99.7#	0#	-0.38
79	tert-butylbenzene	1.563	0.000#	100.0#	0#	0.00
80	1,2,4-Trimethylbenzene	1.506	0.001#	99.9#	0#	0.00
81	sec-Butylbenzene	1.747	0.001#	99.9#	0#	0.00
82	p-Isopropyltoluene	1.563	0.000#	100.0#	0#	0.00
83 M	1,3-Dichlorobenzene	0.834	0.001#	99.9#	0#	0.00
84 M	1,4-Dichlorobenzene	0.830	0.000#	100.0#	0#	0.00
85	n-Butylbenzene	1.310	0.001#	99.9#	0#	-0.01
86 T	Hexachloroethane	0.311	0.000#	100.0#	0#	-12.60#
87 M	1,2-Dichlorobenzene	0.859	0.000#	100.0#	0#	-0.29
88	1,2-Dibromo-3-Chloropropane	0.160	0.000#	100.0#	0#	-13.01#
89	1,2,4-Trichlorobenzene	0.610	0.000#	100.0#	0#	0.00
90	Hexachlorobutadiene	0.325	0.000#	100.0#	0#	-13.79#

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.925	0.002#	99.9#	0#	0.00
92	1,2,3-Trichlorobenzene	0.637	0.000#	100.0#	0#	-0.37

(#) = Out of Range

SPCC's out = 0 CCC's out = 0