

Data Path : W:\HPCHEM1\MSVOA X\Data\VX053018\
 Data File : VX002134.D
 Acq On : 30 May 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 05:15:25 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	89	0.00
2 M	Dichlorodifluoromethane	1.593	1.581	0.8	93	0.00
3 M	Chloromethane	1.895	1.860	1.8	92	0.00
4 M	Vinyl Chloride	1.885	1.937	-2.8	95	0.00
5 M	Bromomethane	1.056	1.065	-0.9	88	0.00
6 M	Chloroethane	1.115	1.244	-11.6	102	0.00
7 M	Trichlorofluoromethane	2.875	3.306	-15.0	104	0.00
8 T	Diethyl Ether	1.082	1.205	-11.4	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.548	1.933	-24.9	114	0.00
10 M	1,1-Dichloroethene	1.493	1.646	-10.2	101	0.00
11	Methyl Iodide	2.345	1.342	42.8#	56	0.00
12	Methyl Acetate	2.419	2.765	-14.3	106	0.00
13 M	Acrolein	0.206	0.105	49.0#	49	0.00
14 M	Acrylonitrile	0.995	1.040	-4.5	96	0.00
15 M	Acetone	0.265	0.290	-9.4	100	0.00
16 M	Carbon Disulfide	4.262	3.911	8.2	85	0.00
17	Allyl chloride	3.081	3.501	-13.6	103	0.00
18 M	Methylene Chloride	1.678	1.856	-10.6	101	0.00
19 M	trans-1,2-Dichloroethene	1.578	1.719	-8.9	100	0.00
20 T	Diisopropyl ether	5.882	6.768	-15.1	106	-0.01
21 M	1,1-Dichloroethane	3.131	3.530	-12.7	103	0.00
22 M	cis-1,2-Dichloroethene	1.881	1.872	0.5	93	0.00
23 M	tert-Butyl Alcohol	0.516	0.502	2.7	88	-0.02
24 M	Methyl tert-Butyl Ether	5.826	6.325	-8.6	99	0.00
25 M	Chloroform	3.292	3.242	1.5	91	0.00
26	Cyclohexane	2.882	2.970	-3.1	95	0.00
27 s	1,2-Dichloroethane-d4	2.361	2.407	-1.9	92	-0.01
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.420	0.412	1.9	95	0.00
30 M	2-Butanone	0.293	0.254	13.3	83	-0.01
31	2,2-Dichloropropane	0.369	0.485	-31.4#	122	0.00
32 M	1,1,1-Trichloroethane	0.548	0.498	9.1	88	-0.01
33 M	Carbon Tetrachloride	0.498	0.434	12.9	83	0.00
34 M	Benzene	1.267	1.204	5.0	91	0.00
35	Methacrylonitrile	0.324	0.279	13.9	84	0.00
36 M	1,2-Dichloroethane	0.494	0.464	6.1	89	0.00
37 M	Trichloroethene	0.360	0.348	3.3	92	0.00
38	Methylcyclohexane	0.490	0.520	-6.1	103	0.00
39 M	1,2-Dichloropropane	0.343	0.331	3.5	92	0.00
40	Dibromomethane	0.230	0.213	7.4	88	0.00
41 M	Bromodichloromethane	0.477	0.410	14.0	82	0.00
42 M	Vinyl Acetate	0.926	0.993	-7.2	100	0.00
43	Ethyl Acetate	0.575	0.490	14.8	81	-0.01
44	Isopropyl Acetate	0.956	0.848	11.3	85	-0.02
45 T	1,4-Dioxane	0.009	0.008#	11.1	83	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.484	0.428	11.6	85	0.00
47	n-amyl Acetate	0.879	0.791	10.0	89	0.00
48 M	t-1,3-Dichloropropene	0.536	0.502	6.3	90	0.00
49 T	cis-1,3-Dichloropropene	0.519	0.464	10.6	87	0.00
50 M	1,1,2-Trichloroethane	0.330	0.319	3.3	94	0.00
51	Ethyl methacrylate	0.572	0.516	9.8	87	0.00
52	1,3-Dichloropropane	0.557	0.532	4.5	92	0.00
53 M	Dibromochloromethane	0.403	0.327	18.9	80	0.00
54 M	1,2-Dibromoethane	0.357	0.328	8.1	89	0.00
55 M	2-Chloroethyl vinyl ether	0.268	0.314	-17.2	107	0.00
56 M	Bromoform	0.355	0.253	28.7	72	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.653	0.580	11.2	85	0.00
59 M	2-Hexanone	0.507	0.449	11.4	86	0.00
60 S	4-Bromofluorobenzene	0.514	0.503	2.1	96	0.00
61 M	Tetrachloroethene	0.458	0.437	4.6	92	0.00
62 M	Toluene	1.532	1.504	1.8	96	0.00
63 S	Toluene-d8	1.337	1.340	-0.2	96	0.00
64 M	Chlorobenzene	0.992	0.969	2.3	96	0.00
65	1,1,1,2-Tetrachloroethane	0.404	0.361	10.6	88	0.00
66 M	Ethyl Benzene	1.722	1.695	1.6	97	0.00
67 M	m/p-Xylenes	0.654	0.648	0.9	98	0.00
68 M	o-Xylene	0.655	0.638	2.6	96	0.00
69 M	Styrene	1.099	1.040	5.4	95	0.00
70	Isopropylbenzene	1.753	1.751	0.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.549	0.505	8.0	93	0.00
72	1,2,3-Trichloropropane	0.517	0.458	11.4	79	0.00
73	Bromobenzene	0.471	0.457	3.0	98	0.00
74	n-propylbenzene	1.956	2.012	-2.9	102	0.00
75	2-Chlorotoluene	1.207	1.184	1.9	98	0.00
76	1,3,5-Trimethylbenzene	1.490	1.488	0.1	99	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.149	20.3	80	0.00
78	4-Chlorotoluene	1.372	1.373	-0.1	102	0.00
79	tert-butylbenzene	1.563	1.613	-3.2	104	0.00
80	1,2,4-Trimethylbenzene	1.506	1.517	-0.7	100	0.00
81	sec-Butylbenzene	1.747	1.801	-3.1	102	0.00
82	p-Isopropyltoluene	1.563	1.613	-3.2	104	0.00
83 M	1,3-Dichlorobenzene	0.834	0.827	0.8	102	0.00
84 M	1,4-Dichlorobenzene	0.830	0.845	-1.8	106	0.00
85	n-Butylbenzene	1.310	1.398	-6.7	110	0.00
86 T	Hexachloroethane	0.311	0.241	22.5	78	0.00
87 M	1,2-Dichlorobenzene	0.859	0.840	2.2	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.160	0.118	26.3	75	0.00
89	1,2,4-Trichlorobenzene	0.610	0.630	-3.3	110	0.00
90	Hexachlorobutadiene	0.325	0.337	-3.7	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.925	1.832	4.8	96	0.00
92	1,2,3-Trichlorobenzene	0.637	0.627	1.6	102	0.00

(#) = Out of Range

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