

Data Path : W:\HPCHEM1\MSVOA X\Data\VX022018\
 Data File : VX000118.D
 Acq On : 20 Feb 2018 20:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 21 06:40:26 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 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	100	0.00
2 M	Dichlorodifluoromethane	1.862	1.954	-4.9	107	0.00
3 M	Chloromethane	1.866	1.956	-4.8	104	0.00
4 M	Vinyl Chloride	2.220	2.337	-5.3	105	0.00
5 M	Bromomethane	2.046	1.856	9.3	93	0.00
6 M	Chloroethane	1.421	1.579	-11.1	113	0.00
7 M	Trichlorofluoromethane	3.846	4.089	-6.3	108	0.00
8 T	Diethyl Ether	1.343	1.445	-7.6	104	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	2.261	-7.7	108	0.00
10 M	1,1-Dichloroethene	2.005	2.153	-7.4	107	0.00
11	Methyl Iodide	1.948	2.216	-13.8	137	0.00
12	Methyl Acetate	3.582	3.935	-9.9	110	0.00
13 M	Acrolein	0.431	0.397	7.9	97	0.00
14 M	Acrylonitrile	1.552	1.624	-4.6	104	0.00
15 M	Acetone	0.506	0.504	0.4	95	0.00
16 M	Carbon Disulfide	5.733	5.940	-3.6	105	0.00
17	Allyl chloride	3.418	3.549	-3.8	105	0.00
18 M	Methylene Chloride	2.184	2.351	-7.6	110	0.00
19 M	trans-1,2-Dichloroethene	2.181	2.308	-5.8	107	0.00
20 T	Diisopropyl ether	5.396	5.561	-3.1	108	0.00
21 M	1,1-Dichloroethane	3.557	3.111	12.5	85	0.00
22 M	cis-1,2-Dichloroethene	2.026	2.099	-3.6	105	0.00
23 M	tert-Butyl Alcohol	0.887	0.941	-6.1	103	0.00
24 M	Methyl tert-Butyl Ether	6.907	7.464	-8.1	109	0.00
25 M	Chloroform	3.527	3.629	-2.9	104	0.00
26	Cyclohexane	2.789	2.956	-6.0	108	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.372	-2.2	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.437	0.447	-2.3	104	0.00
30 M	2-Butanone	0.336	0.353	-5.1	102	0.00
31	2,2-Dichloropropane	0.470	0.452	3.8	97	0.00
32 M	1,1,1-Trichloroethane	0.529	0.553	-4.5	105	0.00
33 M	Carbon Tetrachloride	0.469	0.485	-3.4	104	0.00
34 M	Benzene	1.257	1.309	-4.1	104	0.00
35	Methacrylonitrile	0.310	0.320	-3.2	104	0.00
36 M	1,2-Dichloroethane	0.477	0.499	-4.6	105	0.00
37 M	Trichloroethene	0.372	0.378	-1.6	101	0.00
38	Methylcyclohexane	0.524	0.525	-0.2	103	0.00
39 M	1,2-Dichloropropane	0.314	0.327	-4.1	103	0.00
40	Dibromomethane	0.242	0.259	-7.0	108	0.00
41 M	Bromodichloromethane	0.460	0.466	-1.3	101	0.00
42 M	Vinyl Acetate	0.857	0.861	-0.5	104	0.00
43	Ethyl Acetate	0.591	0.621	-5.1	103	0.00
44	Isopropyl Acetate	0.867	0.907	-4.6	105	0.00
45 T	1,4-Dioxane	0.011	0.011#	0.0	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.422	0.452	-7.1	108	0.00
47	n-amyl Acetate	0.757	0.788	-4.1	106	0.00
48 M	t-1,3-Dichloropropene	0.535	0.548	-2.4	101	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.535	-2.7	102	0.00
50 M	1,1,2-Trichloroethane	0.355	0.363	-2.3	105	0.00
51	Ethyl methacrylate	0.544	0.544	0.0	103	0.00
52	1,3-Dichloropropane	0.569	0.592	-4.0	103	0.00
53 M	Dibromochloromethane	0.395	0.410	-3.8	105	0.00
54 M	1,2-Dibromoethane	0.396	0.401	-1.3	102	0.00
55 M	2-Chloroethyl vinyl ether	0.238	0.264	-10.9	98	0.00
56 M	Bromoform	0.320	0.302	5.6	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.657	0.700	-6.5	106	0.00
59 M	2-Hexanone	0.556	0.582	-4.7	103	0.00
60 S	4-Bromofluorobenzene	0.491	0.492	-0.2	103	0.00
61 M	Tetrachloroethene	0.364	0.372	-2.2	104	0.00
62 M	Toluene	1.561	1.625	-4.1	105	0.00
63 S	Toluene-d8	1.285	1.285	0.0	102	0.00
64 M	Chlorobenzene	1.055	1.092	-3.5	106	0.00
65	1,1,1,2-Tetrachloroethane	0.374	0.378	-1.1	103	0.00
66 M	Ethyl Benzene	1.782	1.827	-2.5	103	0.00
67 M	m/p-Xylenes	0.698	0.720	-3.2	106	0.00
68 M	o-Xylene	0.678	0.691	-1.9	103	0.00
69 M	Styrene	1.124	1.152	-2.5	104	0.00
70	Isopropylbenzene	1.834	1.858	-1.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.659	-4.4	106	0.00
72	1,2,3-Trichloropropane	0.566	0.585	-3.4	102	0.00
73	Bromobenzene	0.481	0.486	-1.0	104	0.00
74	n-propylbenzene	2.150	2.212	-2.9	104	0.00
75	2-Chlorotoluene	1.236	1.260	-1.9	102	0.00
76	1,3,5-Trimethylbenzene	1.554	1.611	-3.7	105	0.00
77	t-1,4-Dichloro-2-butene	0.200	0.193	3.5	96	0.00
78	4-Chlorotoluene	1.481	1.544	-4.3	106	0.00
79	tert-butylbenzene	1.547	1.597	-3.2	104	0.00
80	1,2,4-Trimethylbenzene	1.585	1.664	-5.0	105	0.00
81	sec-Butylbenzene	1.912	2.002	-4.7	105	0.00
82	p-Isopropyltoluene	1.706	1.769	-3.7	104	0.00
83 M	1,3-Dichlorobenzene	0.915	0.956	-4.5	106	0.00
84 M	1,4-Dichlorobenzene	0.954	0.964	-1.0	104	0.00
85	n-Butylbenzene	1.600	1.657	-3.6	104	0.00
86 T	Hexachloroethane	0.285	0.285	0.0	102	0.00
87 M	1,2-Dichlorobenzene	0.907	0.932	-2.8	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.176	0.185	-5.1	107	0.00
89	1,2,4-Trichlorobenzene	0.666	0.657	1.4	102	0.00
90	Hexachlorobutadiene	0.287	0.276	3.8	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	2.328	2.405	-3.3	104	0.00
92	1,2,3-Trichlorobenzene	0.670	0.665	0.7	101	0.00

(#) = Out of Range

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