

Data Path : W:\HPCHEM1\MSVOA X\Data\VX030118\
 Data File : VX000179.D
 Acq On : 01 Mar 2018 11:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 LabSampled :
 VSTDCCC020

Quant Time: Mar 02 03:38:34 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	172#	0.00
2 M	Dichlorodifluoromethane	1.862	1.377	26.0	130	0.00
3 M	Chloromethane	1.866	1.344	28.0	123	0.00
4 M	Vinyl Chloride	2.220	1.697	23.6	132	0.00
5 M	Bromomethane	2.046	1.504	26.5	130	0.00
6 M	Chloroethane	1.421	1.151	19.0	142	0.00
7 M	Trichlorofluoromethane	3.846	3.107	19.2	141	0.00
8 T	Diethyl Ether	1.343	1.102	17.9	137	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	1.754	16.4	144	0.00
10 M	1,1-Dichloroethene	2.005	1.518	24.3	130	0.00
11	Methyl Iodide	1.948	1.001	48.6#	107	0.00
12	Methyl Acetate	3.582	3.717	-3.8	179#	0.00
13 M	Acrolein	0.431	0.107	75.2#	45	0.00
14 M	Acrylonitrile	1.552	1.406	9.4	156#	0.00
15 M	Acetone	0.506	0.507	-0.2	165#	0.00
16 M	Carbon Disulfide	5.733	3.163	44.8#	96	0.00
17	Allyl chloride	3.418	2.853	16.5	145	0.00
18 M	Methylene Chloride	2.184	1.750	19.9	141	0.00
19 M	trans-1,2-Dichloroethene	2.181	1.633	25.1	130	0.00
20 T	Diisopropyl ether	5.396	5.711	-5.8	191#	0.00
21 M	1,1-Dichloroethane	3.557	3.168	10.9	149	0.00
22 M	cis-1,2-Dichloroethene	2.026	1.653	18.4	142	0.00
23 M	tert-Butyl Alcohol	0.887	0.816	8.0	154#	-0.01
24 M	Methyl tert-Butyl Ether	6.907	6.024	12.8	151#	0.00
25 M	Chloroform	3.527	3.057	13.3	151#	0.00
26	Cyclohexane	2.789	2.226	20.2	140	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.476	-6.6	185#	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	169#	0.00
29	1,1-Dichloropropene	0.437	0.371	15.1	145	0.00
30 M	2-Butanone	0.336	0.339	-0.9	166#	0.00
31	2,2-Dichloropropane	0.470	0.406	13.6	147	0.00
32 M	1,1,1-Trichloroethane	0.529	0.443	16.3	143	0.00
33 M	Carbon Tetrachloride	0.469	0.373	20.5	136	0.00
34 M	Benzene	1.257	1.058	15.8	142	0.00
35	Methacrylonitrile	0.310	0.280	9.7	154#	0.00
36 M	1,2-Dichloroethane	0.477	0.433	9.2	154#	0.00
37 M	Trichloroethene	0.372	0.311	16.4	140	0.00
38	Methylcyclohexane	0.524	0.436	16.8	145	0.00
39 M	1,2-Dichloropropane	0.314	0.285	9.2	151#	0.00
40	Dibromomethane	0.242	0.219	9.5	154#	0.00
41 M	Bromodichloromethane	0.460	0.399	13.3	146	0.00
42 M	Vinyl Acetate	0.857	0.901	-5.1	184#	0.00
43	Ethyl Acetate	0.591	0.542	8.3	152#	0.00
44	Isopropyl Acetate	0.867	0.821	5.3	161#	0.00
45 T	1,4-Dioxane	0.011	0.010#	9.1	151#	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.422	0.384	9.0	154#	0.00
47	n-amyl Acetate	0.757	0.732	3.3	167#	0.00
48 M	t-1,3-Dichloropropene	0.535	0.471	12.0	147	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.458	12.1	148	0.00
50 M	1,1,2-Trichloroethane	0.355	0.326	8.2	159#	0.00
51	Ethyl methacrylate	0.544	0.494	9.2	158#	0.00
52	1,3-Dichloropropane	0.569	0.524	7.9	154#	0.00
53 M	Dibromochloromethane	0.395	0.333	15.7	144	0.00
54 M	1,2-Dibromoethane	0.396	0.347	12.4	149	0.00
55 M	2-Chloroethyl vinyl ether	0.238	0.197	17.2	124	0.00
56 M	Bromoform	0.320	0.264	17.5	144	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	178#	0.00
58 M	4-Methyl-2-Pentanone	0.657	0.639	2.7	169#	0.00
59 M	2-Hexanone	0.556	0.548	1.4	170#	0.00
60 S	4-Bromofluorobenzene	0.491	0.491	0.0	180#	0.00
61 M	Tetrachloroethene	0.364	0.285	21.7	139	0.00
62 M	Toluene	1.561	1.314	15.8	149	0.00
63 S	Toluene-d8	1.285	1.304	-1.5	181#	0.00
64 M	Chlorobenzene	1.055	0.907	14.0	154#	0.00
65	1,1,1,2-Tetrachloroethane	0.374	0.312	16.6	148	0.00
66 M	Ethyl Benzene	1.782	1.538	13.7	152#	0.00
67 M	m/p-Xylenes	0.698	0.600	14.0	154#	0.00
68 M	o-Xylene	0.678	0.593	12.5	154#	0.00
69 M	Styrene	1.124	0.964	14.2	152#	0.00
70	Isopropylbenzene	1.834	1.616	11.9	156#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.595	5.7	166#	0.00
72	1,2,3-Trichloropropane	0.566	0.542	4.2	165#	0.00
73	Bromobenzene	0.481	0.405	15.8	151#	0.00
74	n-propylbenzene	2.150	1.921	10.7	158#	0.00
75	2-Chlorotoluene	1.236	1.109	10.3	156#	0.00
76	1,3,5-Trimethylbenzene	1.554	1.369	11.9	156#	0.00
77	t-1,4-Dichloro-2-butene	0.200	0.165	17.5	144	0.00
78	4-Chlorotoluene	1.481	1.352	8.7	162#	0.00
79	tert-butylbenzene	1.547	1.379	10.9	157#	0.00
80	1,2,4-Trimethylbenzene	1.585	1.425	10.1	157#	0.00
81	sec-Butylbenzene	1.912	1.759	8.0	161#	0.00
82	p-Isopropyltoluene	1.706	1.525	10.6	157#	0.00
83 M	1,3-Dichlorobenzene	0.915	0.806	11.9	156#	0.00
84 M	1,4-Dichlorobenzene	0.954	0.816	14.5	154#	0.00
85	n-Butylbenzene	1.600	1.502	6.1	165#	0.00
86 T	Hexachloroethane	0.285	0.238	16.5	149	0.00
87 M	1,2-Dichlorobenzene	0.907	0.788	13.1	152#	0.00
88	1,2-Dibromo-3-Chloropropane	0.176	0.168	4.5	169#	0.00
89	1,2,4-Trichlorobenzene	0.666	0.565	15.2	153#	0.00
90	Hexachlorobutadiene	0.287	0.239	16.7	155#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	2.328	2.038	12.5	153#	0.00
92	1,2,3-Trichlorobenzene	0.670	0.571	14.8	151#	0.00

(#) = Out of Range

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