

Data Path : W:\HPCHEM1\MSVOA X\Data\VX022218\
 Data File : VX000134.D
 Acq On : 22 Feb 2018 18:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 23 15:15:33 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	144	0.00
2 M	Dichlorodifluoromethane	1.862	1.995	-7.1	157#	0.00
3 M	Chloromethane	1.866	2.056	-10.2	156#	0.00
4 M	Vinyl Chloride	2.220	2.314	-4.2	150	0.00
5 M	Bromomethane	2.046	1.846	9.8	133	0.00
6 M	Chloroethane	1.421	1.506	-6.0	155#	0.00
7 M	Trichlorofluoromethane	3.846	3.967	-3.1	150#	0.00
8 T	Diethyl Ether	1.343	1.411	-5.1	146	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	2.087	0.6	143	0.00
10 M	1,1-Dichloroethene	2.005	1.979	1.3	141	0.00
11	Methyl Iodide	1.948	2.210	-13.4	196#	0.00
12	Methyl Acetate	3.582	4.241	-18.4	170#	0.00
13 M	Acrolein	0.431	0.307	28.8	108	0.00
14 M	Acrylonitrile	1.552	1.739	-12.0	160#	0.00
15 M	Acetone	0.506	0.545	-7.7	148	0.00
16 M	Carbon Disulfide	5.733	5.427	5.3	138	0.00
17	Allyl chloride	3.418	3.640	-6.5	155#	0.00
18 M	Methylene Chloride	2.184	2.293	-5.0	154#	0.00
19 M	trans-1,2-Dichloroethene	2.181	2.252	-3.3	150	0.00
20 T	Diisopropyl ether	5.396	5.830	-8.0	162#	0.00
21 M	1,1-Dichloroethane	3.557	3.939	-10.7	154#	0.00
22 M	cis-1,2-Dichloroethene	2.026	2.091	-3.2	150	0.00
23 M	tert-Butyl Alcohol	0.887	0.971	-9.5	153#	0.00
24 M	Methyl tert-Butyl Ether	6.907	7.379	-6.8	154#	0.00
25 M	Chloroform	3.527	3.674	-4.2	152#	0.00
26	Cyclohexane	2.789	2.958	-6.1	155#	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.406	-3.6	150#	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	140	0.00
29	1,1-Dichloropropene	0.437	0.471	-7.8	153#	0.00
30 M	2-Butanone	0.336	0.395	-17.6	161#	0.00
31	2,2-Dichloropropane	0.470	0.491	-4.5	148	0.00
32 M	1,1,1-Trichloroethane	0.529	0.566	-7.0	151#	0.00
33 M	Carbon Tetrachloride	0.469	0.481	-2.6	145	0.00
34 M	Benzene	1.257	1.383	-10.0	154#	0.00
35	Methacrylonitrile	0.310	0.335	-8.1	152#	0.00
36 M	1,2-Dichloroethane	0.477	0.523	-9.6	154#	0.00
37 M	Trichloroethene	0.372	0.396	-6.5	148	0.00
38	Methylcyclohexane	0.524	0.553	-5.5	152#	0.00
39 M	1,2-Dichloropropane	0.314	0.346	-10.2	152#	0.00
40	Dibromomethane	0.242	0.271	-12.0	159#	0.00
41 M	Bromodichloromethane	0.460	0.491	-6.7	149	0.00
42 M	Vinyl Acetate	0.857	1.073	-25.2	181#	0.00
43	Ethyl Acetate	0.591	0.679	-14.9	158#	0.00
44	Isopropyl Acetate	0.867	0.969	-11.8	158#	0.00
45 T	1,4-Dioxane	0.011	0.012#	-9.1	151#	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.422	0.487	-15.4	162#	0.00
47	n-amyl Acetate	0.757	0.857	-13.2	162#	0.00
48 M	t-1,3-Dichloropropene	0.535	0.578	-8.0	149	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.567	-8.8	152#	0.00
50 M	1,1,2-Trichloroethane	0.355	0.396	-11.5	160#	0.00
51	Ethyl methacrylate	0.544	0.602	-10.7	160#	0.00
52	1,3-Dichloropropane	0.569	0.637	-12.0	155#	0.00
53 M	Dibromochloromethane	0.395	0.410	-3.8	147	0.00
54 M	1,2-Dibromoethane	0.396	0.436	-10.1	155#	0.00
55 M	2-Chloroethyl vinyl ether	0.238	0.268	-12.6	140	0.00
56 M	Bromoform	0.320	0.323	-0.9	146	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	143	0.00
58 M	4-Methyl-2-Pentanone	0.657	0.784	-19.3	165#	0.00
59 M	2-Hexanone	0.556	0.663	-19.2	164#	0.00
60 S	4-Bromofluorobenzene	0.491	0.496	-1.0	145	0.00
61 M	Tetrachloroethene	0.364	0.388	-6.6	152#	0.00
62 M	Toluene	1.561	1.692	-8.4	153#	0.00
63 S	Toluene-d8	1.285	1.285	0.0	142	0.00
64 M	Chlorobenzene	1.055	1.154	-9.4	156#	0.00
65	1,1,1,2-Tetrachloroethane	0.374	0.393	-5.1	149	0.00
66 M	Ethyl Benzene	1.782	1.952	-9.5	154#	0.00
67 M	m/p-Xylenes	0.698	0.772	-10.6	158#	0.00
68 M	o-Xylene	0.678	0.734	-8.3	153#	0.00
69 M	Styrene	1.124	1.210	-7.7	152#	0.00
70	Isopropylbenzene	1.834	1.988	-8.4	153#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.714	-13.2	159#	0.00
72	1,2,3-Trichloropropane	0.566	0.668	-18.0	162#	0.00
73	Bromobenzene	0.481	0.511	-6.2	152#	0.00
74	n-propylbenzene	2.150	2.329	-8.3	153#	0.00
75	2-Chlorotoluene	1.236	1.353	-9.5	152#	0.00
76	1,3,5-Trimethylbenzene	1.554	1.693	-8.9	154#	0.00
77	t-1,4-Dichloro-2-butene	0.200	0.203	-1.5	142	0.00
78	4-Chlorotoluene	1.481	1.611	-8.8	154#	0.00
79	tert-butylbenzene	1.547	1.677	-8.4	152#	0.00
80	1,2,4-Trimethylbenzene	1.585	1.730	-9.1	152#	0.00
81	sec-Butylbenzene	1.912	2.069	-8.2	152#	0.00
82	p-Isopropyltoluene	1.706	1.838	-7.7	151#	0.00
83 M	1,3-Dichlorobenzene	0.915	0.970	-6.0	150#	0.00
84 M	1,4-Dichlorobenzene	0.954	0.995	-4.3	150	0.00
85	n-Butylbenzene	1.600	1.764	-10.2	155#	0.00
86 T	Hexachloroethane	0.285	0.286	-0.4	143	0.00
87 M	1,2-Dichlorobenzene	0.907	0.977	-7.7	151#	0.00
88	1,2-Dibromo-3-Chloropropane	0.176	0.203	-15.3	163#	0.00
89	1,2,4-Trichlorobenzene	0.666	0.681	-2.3	147	0.00
90	Hexachlorobutadiene	0.287	0.287	0.0	149	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	2.328	2.536	-8.9	152#	0.00
92	1,2,3-Trichlorobenzene	0.670	0.677	-1.0	143	0.00

(#) = Out of Range

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