

Data Path : W:\HPCHEM1\MSVOA X\Data\VX051118\
 Data File : VX001623.D
 Acq On : 11 May 2018 01:15
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Quant Time: May 11 07:29:50 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 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	105	0.00
2 M	Dichlorodifluoromethane	1.462	1.660	-13.5	102	0.00
3 M	Chloromethane	1.618	1.859	-14.9	108	0.00
4 M	Vinyl Chloride	1.690	1.858	-9.9	103	0.00
5 M	Bromomethane	0.835	1.359	-62.8#	125	0.00
6 M	Chloroethane	1.125	1.195	-6.2	100	0.00
7 M	Trichlorofluoromethane	2.428	2.628	-8.2	101	0.00
8 T	Diethyl Ether	1.053	1.157	-9.9	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.349	1.483	-9.9	101	0.00
10 M	1,1-Dichloroethene	1.388	1.506	-8.5	104	0.00
11	Methyl Iodide	2.017	1.806	10.5	92	0.00
12	Methyl Acetate	2.361	2.542	-7.7	104	0.00
13 M	Acrolein	0.268	0.269	-0.4	105	0.00
14 M	Acrylonitrile	0.943	1.018	-8.0	105	0.00
15 M	Acetone	0.253	0.274	-8.3	105	0.00
16 M	Carbon Disulfide	3.439	3.770	-9.6	109	0.00
17	Allyl chloride	2.649	2.825	-6.6	103	0.00
18 M	Methylene Chloride	1.639	1.747	-6.6	103	0.00
19 M	trans-1,2-Dichloroethene	1.507	1.627	-8.0	104	0.00
20 T	Diisopropyl ether	4.949	5.377	-8.6	108	0.00
21 M	1,1-Dichloroethane	2.846	3.011	-5.8	102	0.00
22 M	cis-1,2-Dichloroethene	1.699	1.833	-7.9	106	0.00
23 M	tert-Butyl Alcohol	0.420	0.465	-10.7	109	0.00
24 M	Methyl tert-Butyl Ether	5.045	5.458	-8.2	105	0.00
25 M	Chloroform	2.932	3.105	-5.9	103	0.00
26	Cyclohexane	2.076	2.305	-11.0	107	0.00
27 s	1,2-Dichloroethane-d4	2.189	2.167	1.0	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29	1,1-Dichloropropene	0.377	0.410	-8.8	107	0.00
30 M	2-Butanone	0.249	0.267	-7.2	106	0.00
31	2,2-Dichloropropane	0.324	0.326	-0.6	99	0.00
32 M	1,1,1-Trichloroethane	0.479	0.515	-7.5	105	0.00
33 M	Carbon Tetrachloride	0.422	0.441	-4.5	103	0.00
34 M	Benzene	1.205	1.283	-6.5	105	0.00
35	Methacrylonitrile	0.270	0.287	-6.3	106	0.00
36 M	1,2-Dichloroethane	0.477	0.502	-5.2	102	0.00
37 M	Trichloroethene	0.355	0.375	-5.6	103	0.00
38	Methylcyclohexane	0.403	0.455	-12.9	111	0.00
39 M	1,2-Dichloropropane	0.302	0.318	-5.3	104	0.00
40	Dibromomethane	0.216	0.227	-5.1	103	0.00
41 M	Bromodichloromethane	0.407	0.420	-3.2	104	0.00
42 M	Vinyl Acetate	0.820	0.890	-8.5	109	0.00
43	Ethyl Acetate	0.474	0.521	-9.9	109	0.00
44	Isopropyl Acetate	0.726	0.770	-6.1	109	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.392	0.413	-5.4	106	0.00
47	n-amyl Acetate	0.620	0.629	-1.5	104	0.00
48 M	t-1,3-Dichloropropene	0.450	0.466	-3.6	105	0.00
49 T	cis-1,3-Dichloropropene	0.397	0.408	-2.8	106	0.00
50 M	1,1,2-Trichloroethane	0.321	0.340	-5.9	103	0.00
51	Ethyl methacrylate	0.462	0.487	-5.4	109	0.00
52	1,3-Dichloropropane	0.528	0.562	-6.4	104	0.00
53 M	Dibromochloromethane	0.333	0.339	-1.8	104	0.00
54 M	1,2-Dibromoethane	0.338	0.356	-5.3	102	0.00
55 M	2-Chloroethyl vinyl ether	0.246	0.267	-8.5	108	0.00
56 M	Bromoform	0.272	0.270	0.7	105	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	0.540	0.589	-9.1	106	0.00
59 M	2-Hexanone	0.404	0.434	-7.4	104	0.00
60 S	4-Bromofluorobenzene	0.475	0.468	1.5	103	0.00
61 M	Tetrachloroethene	0.436	0.474	-8.7	103	0.00
62 M	Toluene	1.443	1.564	-8.4	105	0.00
63 S	Toluene-d8	1.338	1.338	0.0	104	0.00
64 M	Chlorobenzene	0.948	1.028	-8.4	104	0.00
65	1,1,1,2-Tetrachloroethane	0.358	0.382	-6.7	104	0.00
66 M	Ethyl Benzene	1.498	1.627	-8.6	105	0.00
67 M	m/p-Xylenes	0.598	0.652	-9.0	104	0.00
68 M	o-Xylene	0.592	0.634	-7.1	104	0.00
69 M	Styrene	0.976	1.044	-7.0	104	0.00
70	Isopropylbenzene	1.524	1.670	-9.6	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.511	0.547	-7.0	105	0.00
72	1,2,3-Trichloropropane	0.495	0.516	-4.2	101	0.00
73	Bromobenzene	0.462	0.489	-5.8	104	0.00
74	n-propylbenzene	1.678	1.828	-8.9	104	0.00
75	2-Chlorotoluene	1.052	1.136	-8.0	103	0.00
76	1,3,5-Trimethylbenzene	1.283	1.407	-9.7	105	0.00
77	t-1,4-Dichloro-2-butene	0.127	0.121	4.7	102	0.00
78	4-Chlorotoluene	1.197	1.301	-8.7	104	0.00
79	tert-butylbenzene	1.357	1.479	-9.0	104	0.00
80	1,2,4-Trimethylbenzene	1.309	1.429	-9.2	104	0.00
81	sec-Butylbenzene	1.486	1.634	-10.0	105	0.00
82	p-Isopropyltoluene	1.357	1.479	-9.0	104	0.00
83 M	1,3-Dichlorobenzene	0.806	0.861	-6.8	105	0.00
84 M	1,4-Dichlorobenzene	0.810	0.868	-7.2	105	0.00
85	n-Butylbenzene	1.079	1.152	-6.8	106	0.00
86 T	Hexachloroethane	0.215	0.225	-4.7	105	0.00
87 M	1,2-Dichlorobenzene	0.835	0.884	-5.9	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.121	-1.7	102	0.00
89	1,2,4-Trichlorobenzene	0.593	0.625	-5.4	107	0.00
90	Hexachlorobutadiene	0.304	0.318	-4.6	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.777	1.907	-7.3	107	0.00
92	1,2,3-Trichlorobenzene	0.628	0.672	-7.0	107	0.00

(#) = Out of Range

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