

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001961.D
 Acq On : 25 May 2018 00:46
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052518

Quant Time: May 25 02:32:09 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	101	0.00
2 M	Dichlorodifluoromethane	1.593	1.586	0.4	106	0.00
3 M	Chloromethane	1.895	1.912	-0.9	108	0.00
4 M	Vinyl Chloride	1.885	1.842	2.3	103	0.00
5 M	Bromomethane	1.056	1.396	-32.2#	132	0.00
6 M	Chloroethane	1.115	1.123	-0.7	105	0.00
7 M	Trichlorofluoromethane	2.875	2.895	-0.7	104	0.00
8 T	Diethyl Ether	1.082	1.085	-0.3	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.548	1.529	1.2	103	0.00
10 M	1,1-Dichloroethene	1.493	1.485	0.5	104	0.00
11	Methyl Iodide	2.345	1.779	24.1	84	0.00
12	Methyl Acetate	2.419	2.432	-0.5	107	0.00
13 M	Acrolein	0.206	0.200	2.9	106	0.00
14 M	Acrylonitrile	0.995	1.001	-0.6	106	0.00
15 M	Acetone	0.265	0.264	0.4	104	0.00
16 M	Carbon Disulfide	4.262	4.422	-3.8	110	0.00
17	Allyl chloride	3.081	3.073	0.3	103	0.00
18 M	Methylene Chloride	1.678	1.666	0.7	104	0.00
19 M	trans-1,2-Dichloroethene	1.578	1.597	-1.2	106	0.00
20 T	Diisopropyl ether	5.882	5.755	2.2	103	0.00
21 M	1,1-Dichloroethane	3.131	3.068	2.0	102	0.00
22 M	cis-1,2-Dichloroethene	1.881	1.894	-0.7	108	0.00
23 M	tert-Butyl Alcohol	0.516	0.530	-2.7	106	0.00
24 M	Methyl tert-Butyl Ether	5.826	5.814	0.2	104	0.00
25 M	Chloroform	3.292	3.219	2.2	103	0.00
26	Cyclohexane	2.882	2.842	1.4	103	0.00
27 s	1,2-Dichloroethane-d4	2.361	2.364	-0.1	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.420	0.423	-0.7	105	0.00
30 M	2-Butanone	0.293	0.299	-2.0	105	0.00
31	2,2-Dichloropropane	0.369	0.344	6.8	93	0.00
32 M	1,1,1-Trichloroethane	0.548	0.551	-0.5	104	0.00
33 M	Carbon Tetrachloride	0.498	0.496	0.4	102	0.00
34 M	Benzene	1.267	1.264	0.2	103	0.00
35	Methacrylonitrile	0.324	0.323	0.3	104	0.00
36 M	1,2-Dichloroethane	0.494	0.506	-2.4	105	0.00
37 M	Trichloroethene	0.360	0.359	0.3	102	0.00
38	Methylcyclohexane	0.490	0.493	-0.6	105	0.00
39 M	1,2-Dichloropropane	0.343	0.339	1.2	102	0.00
40	Dibromomethane	0.230	0.232	-0.9	104	0.00
41 M	Bromodichloromethane	0.477	0.471	1.3	102	0.00
42 M	Vinyl Acetate	0.926	0.940	-1.5	102	0.00
43	Ethyl Acetate	0.575	0.578	-0.5	103	0.00
44	Isopropyl Acetate	0.956	0.960	-0.4	104	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	105	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.484	0.484	0.0	103	0.00
47	n-amyl Acetate	0.879	0.864	1.7	104	0.00
48 M	t-1,3-Dichloropropene	0.536	0.528	1.5	102	0.00
49 T	cis-1,3-Dichloropropene	0.519	0.512	1.3	104	0.00
50 M	1,1,2-Trichloroethane	0.330	0.331	-0.3	105	0.00
51	Ethyl methacrylate	0.572	0.570	0.3	104	0.00
52	1,3-Dichloropropane	0.557	0.561	-0.7	104	0.00
53 M	Dibromochloromethane	0.403	0.392	2.7	103	0.00
54 M	1,2-Dibromoethane	0.357	0.352	1.4	103	0.00
55 M	2-Chloroethyl vinyl ether	0.268	0.272	-1.5	100	0.00
56 M	Bromoform	0.355	0.333	6.2	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.653	0.668	-2.3	103	0.00
59 M	2-Hexanone	0.507	0.517	-2.0	105	0.00
60 S	4-Bromofluorobenzene	0.514	0.501	2.5	101	0.00
61 M	Tetrachloroethene	0.458	0.435	5.0	97	0.00
62 M	Toluene	1.532	1.542	-0.7	105	0.00
63 S	Toluene-d8	1.337	1.324	1.0	101	0.00
64 M	Chlorobenzene	0.992	0.982	1.0	104	0.00
65	1,1,1,2-Tetrachloroethane	0.404	0.403	0.2	104	0.00
66 M	Ethyl Benzene	1.722	1.707	0.9	104	0.00
67 M	m/p-Xylenes	0.654	0.648	0.9	104	0.00
68 M	o-Xylene	0.655	0.653	0.3	105	0.00
69 M	Styrene	1.099	1.079	1.8	105	0.00
70	Isopropylbenzene	1.753	1.747	0.3	105	0.00
71 M	1,1,2,2-Tetrachloroethane	0.549	0.550	-0.2	107	0.00
72	1,2,3-Trichloropropane	0.517	0.569	-10.1	104	0.00
73	Bromobenzene	0.471	0.463	1.7	106	0.00
74	n-propylbenzene	1.956	1.942	0.7	105	0.00
75	2-Chlorotoluene	1.207	1.195	1.0	105	0.00
76	1,3,5-Trimethylbenzene	1.490	1.459	2.1	103	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.178	4.8	101	0.00
78	4-Chlorotoluene	1.372	1.344	2.0	106	0.00
79	tert-butylbenzene	1.563	1.516	3.0	104	0.00
80	1,2,4-Trimethylbenzene	1.506	1.494	0.8	105	0.00
81	sec-Butylbenzene	1.747	1.712	2.0	103	0.00
82	p-Isopropyltoluene	1.563	1.516	3.0	104	0.00
83 M	1,3-Dichlorobenzene	0.834	0.818	1.9	108	0.00
84 M	1,4-Dichlorobenzene	0.830	0.814	1.9	108	0.00
85	n-Butylbenzene	1.310	1.246	4.9	105	0.00
86 T	Hexachloroethane	0.311	0.300	3.5	104	0.00
87 M	1,2-Dichlorobenzene	0.859	0.840	2.2	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.160	0.159	0.6	107	0.00
89	1,2,4-Trichlorobenzene	0.610	0.587	3.8	109	0.00
90	Hexachlorobutadiene	0.325	0.309	4.9	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.925	1.943	-0.9	108	0.00
92	1,2,3-Trichlorobenzene	0.637	0.623	2.2	107	0.00

(#) = Out of Range

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