

Data Path : W:\HPCHEM1\MSVOA X\DATA\X051818\
 Data File : VX001810.D
 Acq On : 18 May 2018 06:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Quant Time: May 18 10:05:53 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 10:06:03 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	96	0.00
2 M	Dichlorodifluoromethane	0.827	0.790	4.5	91	0.00
3 M	Chloromethane	1.577	1.670	-5.9	104	0.00
4 M	Vinyl Chloride	1.370	1.412	-3.1	99	0.00
5 M	Bromomethane	0.899	1.151	-28.0	116	0.00
6 M	Chloroethane	1.018	1.037	-1.9	100	0.00
7 M	Trichlorofluoromethane	1.529	1.485	2.9	93	0.00
8 T	Diethyl Ether	1.074	1.140	-6.1	104	0.00
9	1,1,2-Trichlorotrifluoroeth	0.864	0.843	2.4	96	0.00
10 M	1,1-Dichloroethene	1.058	1.051	0.7	97	0.00
11	Methyl Iodide	1.673	1.640	2.0	98	0.00
12	Methyl Acetate	2.572	2.767	-7.6	104	0.00
13 M	Acrolein	0.307	0.335	-9.1	109	0.00
14 M	Acrylonitrile	0.979	1.037	-5.9	103	0.00
15 M	Acetone	0.267	0.282	-5.6	102	0.00
16 M	Carbon Disulfide	2.647	2.626	0.8	99	0.00
17	Allyl chloride	2.366	2.385	-0.8	99	0.00
18 M	Methylene Chloride	1.628	1.689	-3.7	102	0.00
19 M	trans-1,2-Dichloroethene	1.305	1.303	0.2	98	0.00
20 T	Diisopropyl ether	5.150	5.410	-5.0	103	0.00
21 M	1,1-Dichloroethane	2.637	2.686	-1.9	99	0.00
22 M	cis-1,2-Dichloroethene	1.694	1.756	-3.7	102	0.00
23 M	tert-Butyl Alcohol	0.407	0.446	-9.6	108	0.00
24 M	Methyl tert-Butyl Ether	5.038	5.412	-7.4	104	0.00
25 M	Chloroform	2.810	2.859	-1.7	99	0.00
26	Cyclohexane	1.436	1.387	3.4	93	0.00
27 s	1,2-Dichloroethane-d4	1.939	1.946	-0.4	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.340	0.339	0.3	95	0.00
30 M	2-Butanone	0.307	0.347	-13.0	106	0.00
31	2,2-Dichloropropane	0.215	0.208	3.3	95	0.00
32 M	1,1,1-Trichloroethane	0.451	0.458	-1.6	97	0.00
33 M	Carbon Tetrachloride	0.360	0.351	2.5	93	0.00
34 M	Benzene	1.359	1.419	-4.4	99	0.00
35	Methacrylonitrile	0.327	0.365	-11.6	106	0.00
36 M	1,2-Dichloroethane	0.531	0.574	-8.1	100	0.00
37 M	Trichloroethene	0.372	0.367	1.3	95	0.00
38	Methylcyclohexane	0.314	0.316	-0.6	95	0.00
39 M	1,2-Dichloropropane	0.362	0.379	-4.7	100	0.00
40	Dibromomethane	0.260	0.279	-7.3	101	0.00
41 M	Bromodichloromethane	0.457	0.481	-5.3	100	0.00
42 M	Vinyl Acetate	0.832	0.888	-6.7	105	0.00
43	Ethyl Acetate	0.585	0.658	-12.5	107	0.00
44	Isopropyl Acetate	0.848	0.958	-13.0	107	0.00
45 T	1,4-Dioxane	0.010	0.012#	-20.0	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.446	0.505	-13.2	106	0.00
47	n-amyl Acetate	0.587	0.636	-8.3	102	0.00
48 M	t-1,3-Dichloropropene	0.481	0.514	-6.9	101	0.00
49 T	cis-1,3-Dichloropropene	0.421	0.449	-6.7	103	0.00
50 M	1,1,2-Trichloroethane	0.357	0.374	-4.8	99	0.00
51	Ethyl methacrylate	0.485	0.530	-9.3	105	0.00
52	1,3-Dichloropropane	0.566	0.602	-6.4	100	0.00
53 M	Dibromochloromethane	0.347	0.367	-5.8	101	0.00
54 M	1,2-Dibromoethane	0.362	0.386	-6.6	100	0.00
55 M	2-Chloroethyl vinyl ether	0.283	0.316	-11.7	102	0.00
56 M	Bromoform	0.283	0.295	-4.2	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.750	0.899	-19.9	105	0.00
59 M	2-Hexanone	0.492	0.588	-19.5	105	0.00
60 S	4-Bromofluorobenzene	0.446	0.454	-1.8	91	0.00
61 M	Tetrachloroethene	0.442	0.450	-1.8	92	0.00
62 M	Toluene	1.732	1.815	-4.8	95	0.00
63 S	Toluene-d8	1.516	1.568	-3.4	91	0.00
64 M	Chlorobenzene	1.015	1.063	-4.7	94	0.00
65	1,1,1,2-Tetrachloroethane	0.409	0.448	-9.5	97	0.00
66 M	Ethyl Benzene	1.440	1.491	-3.5	93	0.00
67 M	m/p-Xylenes	0.576	0.595	-3.3	92	0.00
68 M	o-Xylene	0.593	0.624	-5.2	95	0.00
69 M	Styrene	0.988	1.061	-7.4	95	0.00
70	Isopropylbenzene	1.390	1.438	-3.5	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.632	0.720	-13.9	104	0.00
72	1,2,3-Trichloropropane	0.601	0.787	-30.9#	116	0.00
73	Bromobenzene	0.493	0.518	-5.1	96	0.00
74	n-propylbenzene	1.447	1.506	-4.1	91	0.00
75	2-Chlorotoluene	0.997	1.035	-3.8	93	0.00
76	1,3,5-Trimethylbenzene	1.156	1.202	-4.0	92	0.00
77	t-1,4-Dichloro-2-butene	0.128	0.141	-10.2	102	0.00
78	4-Chlorotoluene	1.099	1.144	-4.1	93	0.00
79	tert-butylbenzene	1.141	1.187	-4.0	92	0.00
80	1,2,4-Trimethylbenzene	1.194	1.268	-6.2	93	0.00
81	sec-Butylbenzene	1.252	1.310	-4.6	93	0.00
82	p-Isopropyltoluene	1.141	1.187	-4.0	92	0.00
83 M	1,3-Dichlorobenzene	0.768	0.795	-3.5	94	0.00
84 M	1,4-Dichlorobenzene	0.763	0.802	-5.1	95	0.00
85	n-Butylbenzene	0.828	0.857	-3.5	94	0.00
86 T	Hexachloroethane	0.190	0.192	-1.1	93	0.00
87 M	1,2-Dichlorobenzene	0.833	0.886	-6.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.134	0.151	-12.7	101	0.00
89	1,2,4-Trichlorobenzene	0.525	0.563	-7.2	97	0.00
90	Hexachlorobutadiene	0.257	0.265	-3.1	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.830	2.094	-14.4	101	0.00
92	1,2,3-Trichlorobenzene	0.591	0.640	-8.3	97	0.00

(#) = Out of Range

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