

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX031819\
 Data File : VX008177.D
 Acq On : 18 Mar 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 19 03:35:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 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	97	0.00
2 M	Dichlorodifluoromethane	1.344	1.303	3.1	97	0.00
3 M	Chloromethane	1.694	1.676	1.1	100	0.00
4 M	Vinyl Chloride	1.747	1.661	4.9	96	0.00
5 M	Bromomethane	1.568	1.026	34.6#	90	0.00
6 M	Chloroethane	1.092	1.072	1.8	103	0.00
7 M	Trichlorofluoromethane	2.200	2.132	3.1	101	0.00
8 T	Diethyl Ether	1.188	1.243	-4.6	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.492	1.502	-0.7	100	0.00
10 M	1,1-Dichloroethene	1.410	1.475	-4.6	104	0.00
11	Methyl Iodide	1.794	1.837	-2.4	109	0.00
12	Methyl Acetate	2.307	2.456	-6.5	104	0.00
13 M	Acrolein	0.355	0.316	11.0	94	0.00
14 M	Acrylonitrile	1.024	1.033	-0.9	99	0.00
15 M	Acetone	0.329	0.304	7.6	83	0.00
16 M	Carbon Disulfide	4.494	4.433	1.4	99	0.00
17	Allyl chloride	3.081	3.099	-0.6	103	0.00
18 M	Methylene Chloride	1.643	1.695	-3.2	101	0.00
19 M	trans-1,2-Dichloroethene	1.514	1.530	-1.1	100	0.00
20 T	Diisopropyl ether	6.034	6.329	-4.9	104	0.00
21 M	1,1-Dichloroethane	3.079	3.244	-5.4	104	0.00
22 M	cis-1,2-Dichloroethene	1.727	1.762	-2.0	101	0.00
23 M	tert-Butyl Alcohol	0.377	0.386	-2.4	101	0.00
24 M	Methyl tert-Butyl Ether	5.114	5.373	-5.1	105	0.00
25 M	Chloroform	2.905	3.022	-4.0	102	0.00
26	Cyclohexane	2.936	2.959	-0.8	102	0.00
27 s	1,2-Dichloroethane-d4	2.495	2.533	-1.5	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.399	0.411	-3.0	102	0.00
30 M	2-Butanone	0.280	0.272	2.9	89	0.00
31	2,2-Dichloropropane	0.403	0.376	6.7	93	0.00
32 M	1,1,1-Trichloroethane	0.423	0.442	-4.5	102	0.00
33 M	Carbon Tetrachloride	0.355	0.365	-2.8	103	0.00
34 M	Benzene	1.194	1.258	-5.4	102	0.00
35	Methacrylonitrile	0.272	0.289	-6.2	104	0.00
36 M	1,2-Dichloroethane	0.433	0.468	-8.1	103	0.00
37 M	Trichloroethene	0.285	0.290	-1.8	100	0.00
38	Methylcyclohexane	0.485	0.468	3.5	96	0.00
39 M	1,2-Dichloropropane	0.325	0.342	-5.2	102	0.00
40	Dibromomethane	0.199	0.212	-6.5	104	0.00
41 M	Bromodichloromethane	0.385	0.391	-1.6	99	0.00
42 M	Vinyl Acetate	0.941	0.998	-6.1	104	0.00
43	Ethyl Acetate	0.496	0.538	-8.5	105	0.00
44	Isopropyl Acetate	0.770	0.817	-6.1	105	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.406	0.423	-4.2	102	0.00
47	n-amyl Acetate	0.658	0.679	-3.2	101	0.00
48 M	t-1,3-Dichloropropene	0.425	0.412	3.1	99	0.00
49 T	cis-1,3-Dichloropropene	0.473	0.464	1.9	99	0.00
50 M	1,1,2-Trichloroethane	0.286	0.304	-6.3	103	0.00
51	Ethyl methacrylate	0.463	0.483	-4.3	103	0.00
52	1,3-Dichloropropane	0.512	0.541	-5.7	101	0.00
53 M	Dibromochloromethane	0.276	0.280	-1.4	99	0.00
54 M	1,2-Dibromoethane	0.298	0.312	-4.7	99	0.00
55 M	2-Chloroethyl vinyl ether	0.330	0.354	-7.3	101	0.00
56 M	Bromoform	0.199	0.191	4.0	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.574	0.609	-6.1	100	0.00
59 M	2-Hexanone	0.453	0.461	-1.8	93	0.00
60 S	4-Bromofluorobenzene	0.501	0.499	0.4	93	0.00
61 M	Tetrachloroethene	0.302	0.316	-4.6	100	0.00
62 M	Toluene	1.419	1.463	-3.1	99	0.00
63 S	Toluene-d8	1.458	1.472	-1.0	94	0.00
64 M	Chlorobenzene	0.844	0.874	-3.6	99	0.00
65	1,1,1,2-Tetrachloroethane	0.296	0.302	-2.0	100	0.00
66 M	Ethyl Benzene	1.515	1.528	-0.9	99	0.00
67 M	m/p-Xylenes	0.560	0.560	0.0	98	0.00
68 M	o-Xylene	0.538	0.551	-2.4	100	0.00
69 M	Styrene	0.876	0.889	-1.5	99	0.00
70	Isopropylbenzene	1.451	1.467	-1.1	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.508	0.542	-6.7	100	0.00
72	1,2,3-Trichloropropane	0.438	0.540	-23.3	113	0.00
73	Bromobenzene	0.343	0.346	-0.9	98	0.00
74	n-propylbenzene	1.717	1.683	2.0	97	0.00
75	2-Chlorotoluene	1.009	1.032	-2.3	99	0.00
76	1,3,5-Trimethylbenzene	1.199	1.201	-0.2	98	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.146	7.0	94	0.00
78	4-Chlorotoluene	1.162	1.151	0.9	97	0.00
79	tert-butylbenzene	1.221	1.200	1.7	97	0.00
80	1,2,4-Trimethylbenzene	1.211	1.219	-0.7	98	0.00
81	sec-Butylbenzene	1.432	1.410	1.5	97	0.00
82	p-Isopropyltoluene	1.221	1.200	1.7	97	0.00
83 M	1,3-Dichlorobenzene	0.615	0.603	2.0	95	0.00
84 M	1,4-Dichlorobenzene	0.611	0.604	1.1	98	0.00
85	n-Butylbenzene	1.152	1.060	8.0	95	0.00
86 T	Hexachloroethane	0.209	0.201	3.8	96	0.00
87 M	1,2-Dichlorobenzene	0.613	0.619	-1.0	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.110	2.7	97	0.00
89	1,2,4-Trichlorobenzene	0.399	0.381	4.5	97	0.00
90	Hexachlorobutadiene	0.207	0.194	6.3	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.294	1.272	1.7	98	0.00
92	1,2,3-Trichlorobenzene	0.399	0.389	2.5	99	0.00

(#) = Out of Range

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