

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032219\
 Data File : VX008335.D
 Acq On : 22 Mar 2019 13:19
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032219

Quant Time: Mar 22 15:44:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 15:33:35 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	161#	0.00
2 M	Dichlorodifluoromethane	1.610	1.653	-2.7	164#	0.00
3 M	Chloromethane	1.646	1.641	0.3	157#	0.00
4 M	Vinyl Chloride	1.855	1.806	2.6	156#	0.00
5 M	Bromomethane	3.363	3.425	-1.8	361#	0.00
6 M	Chloroethane	1.318	1.090	17.3	139	0.00
7 M	Trichlorofluoromethane	2.953	2.771	6.2	154#	0.00
8 T	Diethyl Ether	1.145	1.057	7.7	158#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.633	1.588	2.8	163#	0.00
10 M	1,1-Dichloroethene	1.612	1.578	2.1	160#	0.00
11	Methyl Iodide	2.437	2.201	9.7	152#	0.00
12	Methyl Acetate	1.759	1.634	7.1	154#	0.00
13 M	Acrolein	0.276	0.342	-23.9	191#	0.00
14 M	Acrylonitrile	0.873	0.817	6.4	152#	0.00
15 M	Acetone	0.342	0.289	15.5	119	0.00
16 M	Carbon Disulfide	4.470	4.438	0.7	162#	0.00
17	Allyl chloride	2.379	2.276	4.3	160#	0.00
18 M	Methylene Chloride	1.735	1.679	3.2	159#	0.00
19 M	trans-1,2-Dichloroethene	1.711	1.661	2.9	161#	0.00
20 T	Diisopropyl ether	4.974	4.692	5.7	154#	0.00
21 M	1,1-Dichloroethane	2.937	2.766	5.8	156#	0.00
22 M	cis-1,2-Dichloroethene	1.974	1.929	2.3	160#	0.00
23 M	tert-Butyl Alcohol	0.354	0.331	6.5	152#	0.00
24 M	Methyl tert-Butyl Ether	5.179	5.000	3.5	159#	0.00
25 M	Chloroform	3.116	2.973	4.6	158#	-0.01
26	Cyclohexane	2.598	2.580	0.7	165#	-0.01
27 s	1,2-Dichloroethane-d4	2.050	2.026	1.2	159#	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	164#	0.00
29	1,1-Dichloropropene	0.426	0.411	3.5	161#	0.00
30 M	2-Butanone	0.245	0.215	12.2	134	0.00
31	2,2-Dichloropropane	0.401	0.386	3.7	164#	-0.01
32 M	1,1,1-Trichloroethane	0.501	0.481	4.0	160#	0.00
33 M	Carbon Tetrachloride	0.460	0.436	5.2	159#	0.00
34 M	Benzene	1.269	1.208	4.8	157#	0.00
35	Methacrylonitrile	0.229	0.208	9.2	151#	-0.01
36 M	1,2-Dichloroethane	0.468	0.444	5.1	157#	0.00
37 M	Trichloroethene	0.373	0.358	4.0	160#	0.00
38	Methylcyclohexane	0.534	0.533	0.2	170#	0.00
39 M	1,2-Dichloropropane	0.323	0.309	4.3	154#	0.00
40	Dibromomethane	0.237	0.225	5.1	156#	0.00
41 M	Bromodichloromethane	0.449	0.424	5.6	157#	0.00
42 M	Vinyl Acetate	0.825	0.774	6.2	156#	0.00
43	Ethyl Acetate	0.433	0.393	9.2	152#	0.00
44	Isopropyl Acetate	0.682	0.630	7.6	155#	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	147	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.335	0.319	4.8	160#	0.00
47	n-amyl Acetate	0.585	0.541	7.5	161#	0.00
48 M	t-1,3-Dichloropropene	0.450	0.425	5.6	166#	0.00
49 T	cis-1,3-Dichloropropene	0.502	0.482	4.0	164#	0.00
50 M	1,1,2-Trichloroethane	0.340	0.325	4.4	160#	0.00
51	Ethyl methacrylate	0.497	0.485	2.4	162#	0.00
52	1,3-Dichloropropane	0.546	0.521	4.6	156#	0.00
53 M	Dibromochloromethane	0.384	0.365	4.9	158#	0.00
54 M	1,2-Dibromoethane	0.373	0.356	4.6	156#	0.00
55 M	2-Chloroethyl vinyl ether	0.250	0.316	-26.4	208#	0.00
56 M	Bromoform	0.303	0.279	7.9	156#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	164#	0.00
58 M	4-Methyl-2-Pentanone	0.505	0.469	7.1	151#	0.00
59 M	2-Hexanone	0.400	0.365	8.8	144	0.00
60 S	4-Bromofluorobenzene	0.488	0.492	-0.8	166#	0.00
61 M	Tetrachloroethene	0.404	0.392	3.0	158#	0.00
62 M	Toluene	1.592	1.506	5.4	155#	0.00
63 S	Toluene-d8	1.352	1.340	0.9	162#	0.00
64 M	Chlorobenzene	1.027	0.989	3.7	161#	0.00
65	1,1,1,2-Tetrachloroethane	0.392	0.378	3.6	160#	0.00
66 M	Ethyl Benzene	1.722	1.686	2.1	162#	0.00
67 M	m/p-Xylenes	0.684	0.665	2.8	162#	0.00
68 M	o-Xylene	0.658	0.637	3.2	160#	0.00
69 M	Styrene	1.110	1.076	3.1	161#	0.00
70	Isopropylbenzene	1.730	1.675	3.2	159#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.590	0.551	6.6	154#	0.00
72	1,2,3-Trichloropropane	0.475	0.516	-8.6	175#	0.00
73	Bromobenzene	0.479	0.465	2.9	160#	0.00
74	n-propylbenzene	1.928	1.895	1.7	166#	0.00
75	2-Chlorotoluene	1.152	1.121	2.7	162#	0.00
76	1,3,5-Trimethylbenzene	1.478	1.444	2.3	162#	0.00
77	t-1,4-Dichloro-2-butene	0.168	0.155	7.7	168#	0.00
78	4-Chlorotoluene	1.355	1.302	3.9	165#	0.00
79	tert-butylbenzene	1.555	1.531	1.5	167#	0.00
80	1,2,4-Trimethylbenzene	1.469	1.449	1.4	164#	0.00
81	sec-Butylbenzene	1.686	1.666	1.2	167#	0.00
82	p-Isopropyltoluene	1.555	1.531	1.5	167#	0.00
83 M	1,3-Dichlorobenzene	0.831	0.809	2.6	167#	0.00
84 M	1,4-Dichlorobenzene	0.827	0.804	2.8	164#	0.00
85	n-Butylbenzene	1.337	1.304	2.5	172#	0.00
86 T	Hexachloroethane	0.268	0.255	4.9	168#	0.00
87 M	1,2-Dichlorobenzene	0.819	0.805	1.7	164#	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.118	12.6	150	0.00
89	1,2,4-Trichlorobenzene	0.580	0.578	0.3	180#	0.00
90	Hexachlorobutadiene	0.292	0.297	-1.7	175#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.742	1.694	2.8	166#	0.00
92	1,2,3-Trichlorobenzene	0.586	0.572	2.4	168#	0.00

(#) = Out of Range

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