

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015234.D
 Acq On : 12 Mar 2020 14:35
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Quant Time: Mar 13 04:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 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	99	-0.01
2 M	Dichlorodifluoromethane	1.509	1.542	-2.2	104	0.00
3 M	Chloromethane	2.178	2.257	-3.6	101	0.00
4 M	Vinyl Chloride	2.217	2.300	-3.7	102	0.00
5 M	Bromomethane	1.444	1.537	-6.4	106	0.00
6 M	Chloroethane	1.392	1.426	-2.4	100	0.00
7 M	Trichlorofluoromethane	2.826	2.942	-4.1	101	0.00
8 T	Diethyl Ether	1.253	1.279	-2.1	100	0.00
9	1,1,2-Trichlorotrifluoroeth	1.733	1.719	0.8	99	0.00
10 M	1,1-Dichloroethene	1.747	1.771	-1.4	101	0.00
11	Methyl Iodide	1.797	1.505	16.2	101	0.00
12	Methyl Acetate	2.155	2.104	2.4	101	0.00
13 M	Acrolein	0.340	0.329	3.2	100	0.00
14 M	Acrylonitrile	1.000	0.956	4.4	101	0.00
15 M	Acetone	0.293	0.261	10.9	79	0.00
16 M	Carbon Disulfide	4.893	4.796	2.0	106	0.00
17	Allyl chloride	3.241	3.061	5.6	100	0.00
18 M	Methylene Chloride	1.975	1.887	4.5	100	0.00
19 M	trans-1,2-Dichloroethene	1.885	1.879	0.3	107	0.00
20 T	Diisopropyl ether	6.439	6.317	1.9	102	0.00
21 M	1,1-Dichloroethane	3.412	3.294	3.5	102	0.00
22 M	cis-1,2-Dichloroethene	2.130	2.090	1.9	101	0.00
23 M	tert-Butyl Alcohol	0.391	0.384	1.8	107	0.00
24 M	Methyl tert-Butyl Ether	5.645	5.548	1.7	104	0.00
25 M	Chloroform	3.246	3.177	2.1	98	0.00
26	Cyclohexane	3.171	3.063	3.4	99	0.00
27 s	1,2-Dichloroethane-d4	2.024	1.988	1.8	93	-0.01
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.460	0.455	1.1	97	0.00
30 M	2-Butanone	0.247	0.236	4.5	93	0.00
31	2,2-Dichloropropane	0.473	0.471	0.4	102	-0.01
32 M	1,1,1-Trichloroethane	0.501	0.499	0.4	97	-0.01
33 M	Carbon Tetrachloride	0.429	0.429	0.0	99	-0.01
34 M	Benzene	1.395	1.376	1.4	95	0.00
35	Methacrylonitrile	0.267	0.260	2.6	100	-0.01
36 M	1,2-Dichloroethane	0.465	0.449	3.4	92	-0.19
37 M	Trichloroethene	0.386	0.377	2.3	98	0.00
38	Methylcyclohexane	0.559	0.558	0.2	104	0.00
39 M	1,2-Dichloropropane	0.360	0.363	-0.8	102	0.00
40	Dibromomethane	0.229	0.231	-0.9	101	0.00
41 M	Bromodichloromethane	0.453	0.454	-0.2	105	0.00
42 M	Vinyl Acetate	0.972	0.953	2.0	101	-0.01
43	Ethyl Acetate	0.468	0.478	-2.1	104	0.00
44	Isopropyl Acetate	0.791	0.767	3.0	95	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.390	0.383	1.8	100	0.00
47	n-amyl Acetate	0.710	0.659	7.2	93	0.00
48 M	t-1,3-Dichloropropene	0.493	0.537	-8.9	115	0.00
49 T	cis-1,3-Dichloropropene	0.559	0.556	0.5	100	0.00
50 M	1,1,2-Trichloroethane	0.339	0.374	-10.3	111	0.00
51	Ethyl methacrylate	0.528	0.563	-6.6	109	0.00
52	1,3-Dichloropropane	0.573	0.639	-11.5	112	0.00
53 M	Dibromochloromethane	0.361	0.393	-8.9	113	0.00
54 M	1,2-Dibromoethane	0.349	0.387	-10.9	111	0.00
55 M	2-Chloroethyl vinyl ether	0.265	0.263	0.8	101	0.00
56 M	Bromoform	0.283	0.273	3.5	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.511	0.553	-8.2	106	0.00
59 M	2-Hexanone	0.386	0.422	-9.3	107	0.00
60 S	4-Bromofluorobenzene	0.478	0.469	1.9	91	0.00
61 M	Tetrachloroethene	0.418	0.450	-7.7	104	0.00
62 M	Toluene	1.588	1.770	-11.5	110	0.00
63 S	Toluene-d8	1.285	1.409	-9.6	104	0.00
64 M	Chlorobenzene	1.014	1.010	0.4	94	0.00
65	1,1,1,2-Tetrachloroethane	0.374	0.374	0.0	94	0.00
66 M	Ethyl Benzene	1.768	1.776	-0.5	95	0.00
67 M	m/p-Xylenes	0.679	0.672	1.0	94	0.00
68 M	o-Xylene	0.651	0.651	0.0	96	0.00
69 M	Styrene	1.133	1.120	1.1	94	0.00
70	Isopropylbenzene	1.732	1.753	-1.2	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.562	0.548	2.5	93	0.00
72	1,2,3-Trichloropropane	0.460	0.545	-18.5	111	0.00
73	Bromobenzene	0.472	0.472	0.0	96	0.00
74	n-propylbenzene	2.047	2.024	1.1	96	0.00
75	2-Chlorotoluene	1.195	1.191	0.3	96	0.00
76	1,3,5-Trimethylbenzene	1.479	1.471	0.5	96	0.00
77	t-1,4-Dichloro-2-butene	0.193	0.177	8.3	94	0.00
78	4-Chlorotoluene	1.376	1.364	0.9	95	0.00
79	tert-butylbenzene	1.386	1.429	-3.1	105	0.00
80	1,2,4-Trimethylbenzene	1.462	1.479	-1.2	102	0.00
81	sec-Butylbenzene	1.721	1.708	0.8	101	0.00
82	p-Isopropyltoluene	1.582	1.589	-0.4	101	0.00
83 M	1,3-Dichlorobenzene	0.835	0.823	1.4	99	0.00
84 M	1,4-Dichlorobenzene	0.835	0.820	1.8	100	0.00
85	n-Butylbenzene	1.387	1.379	0.6	101	0.00
86 T	Hexachloroethane	0.277	0.272	1.8	104	0.00
87 M	1,2-Dichlorobenzene	0.814	0.815	-0.1	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.116	0.119	-2.6	107	0.00
89	1,2,4-Trichlorobenzene	0.602	0.598	0.7	103	0.00
90	Hexachlorobutadiene	0.310	0.324	-4.5	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.667	1.634	2.0	101	0.00
92	1,2,3-Trichlorobenzene	0.605	0.604	0.2	103	0.00

(#) = Out of Range

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