

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082020\
 Data File : VN063034.D
 Acq On : 20 Aug 2020 13:52
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082020

Quant Time: Aug 21 05:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 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	92	0.00
2 M	Dichlorodifluoromethane	2.145	2.562	-19.4	109	0.00
3 M	Chloromethane	2.373	2.687	-13.2	103	0.00
4 M	Vinyl Chloride	2.389	2.719	-13.8	106	0.00
5 M	Bromomethane	1.473	1.656	-12.4	105	0.00
6 M	Chloroethane	1.412	1.576	-11.6	104	0.00
7 M	Trichlorofluoromethane	2.881	3.218	-11.7	106	0.00
8 T	Diethyl Ether	0.958	1.015	-5.9	104	0.00
9	1,1,2-Trichlorotrifluoroeth	1.558	1.676	-7.6	106	0.00
10 M	1,1-Dichloroethene	1.400	1.504	-7.4	106	0.00
11	Methyl Iodide	1.921	1.957	-1.9	105	0.00
12	Methyl Acetate	1.866	1.912	-2.5	98	0.00
13 M	Acrolein	0.191	0.155	18.8	86	0.00
14 M	Acrylonitrile	0.817	0.836	-2.3	99	0.00
15 M	Acetone	0.236	0.264	-11.9	108	0.00
16 M	Carbon Disulfide	3.758	4.129	-9.9	108	0.00
17	Allyl chloride	2.569	2.732	-6.3	108	0.00
18 M	Methylene Chloride	1.959	2.044	-4.3	101	0.00
19 M	trans-1,2-Dichloroethene	1.539	1.643	-6.8	106	0.00
20 T	Diisopropyl ether	6.017	6.651	-10.5	107	0.00
21 M	1,1-Dichloroethane	3.302	3.518	-6.5	104	0.00
22 M	cis-1,2-Dichloroethene	1.908	2.003	-5.0	106	0.00
23 M	tert-Butyl Alcohol	0.268	0.274	-2.2	98	0.00
24 M	Methyl tert-Butyl Ether	5.136	5.428	-5.7	106	0.00
25 M	Chloroform	3.288	3.572	-8.6	108	0.00
26	Cyclohexane	2.843	3.054	-7.4	106	0.00
27 s	1,2-Dichloroethane-d4	2.126	2.171	-2.1	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.436	0.461	-5.7	109	0.00
30 M	2-Butanone	0.203	0.207	-2.0	104	0.00
31	2,2-Dichloropropane	0.530	0.557	-5.1	109	0.00
32 M	1,1,1-Trichloroethane	0.525	0.551	-5.0	106	0.00
33 M	Carbon Tetrachloride	0.447	0.460	-2.9	106	0.00
34 M	Benzene	1.396	1.460	-4.6	105	0.00
35	Methacrylonitrile	0.193	0.198	-2.6	98	0.00
36 M	1,2-Dichloroethane	0.476	0.491	-3.2	103	0.00
37 M	Trichloroethene	0.342	0.358	-4.7	106	0.00
38	Methylcyclohexane	0.546	0.565	-3.5	110	0.00
39 M	1,2-Dichloropropane	0.406	0.416	-2.5	103	0.00
40	Dibromomethane	0.236	0.249	-5.5	106	0.00
41 M	Bromodichloromethane	0.523	0.543	-3.8	106	0.00
42 M	Vinyl Acetate	0.769	0.749	2.6	104	0.00
43	Ethyl Acetate	0.388	0.377	2.8	97	0.00
44	Isopropyl Acetate	0.651	0.651	0.0	103	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.320	0.312	2.5	102	0.00
47	n-amyl Acetate	0.578	0.541	6.4	104	0.00
48 M	t-1,3-Dichloropropene	0.552	0.550	0.4	104	0.00
49 T	cis-1,3-Dichloropropene	0.601	0.621	-3.3	105	0.00
50 M	1,1,2-Trichloroethane	0.364	0.367	-0.8	102	0.00
51	Ethyl methacrylate	0.495	0.474	4.2	103	0.00
52	1,3-Dichloropropane	0.601	0.613	-2.0	102	0.00
53 M	Dibromochloromethane	0.399	0.410	-2.8	104	0.00
54 M	1,2-Dibromoethane	0.349	0.363	-4.0	105	0.00
55 M	2-Chloroethyl vinyl ether	0.102	0.097	4.9	114	0.00
56 M	Bromoform	0.292	0.288	1.4	106	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.432	0.436	-0.9	100	0.00
59 M	2-Hexanone	0.308	0.307	0.3	102	0.00
60 S	4-Bromofluorobenzene	0.474	0.473	0.2	96	0.00
61 M	Tetrachloroethene	0.329	0.337	-2.4	102	0.00
62 M	Toluene	1.590	1.663	-4.6	106	0.00
63 S	Toluene-d8	1.377	1.387	-0.7	93	0.00
64 M	Chlorobenzene	0.984	1.032	-4.9	106	0.00
65	1,1,1,2-Tetrachloroethane	0.390	0.400	-2.6	104	0.00
66 M	Ethyl Benzene	1.733	1.767	-2.0	107	0.00
67 M	m/p-Xylenes	0.649	0.683	-5.2	109	0.00
68 M	o-Xylene	0.624	0.631	-1.1	106	0.00
69 M	Styrene	1.090	1.112	-2.0	107	0.00
70	Isopropylbenzene	1.697	1.794	-5.7	110	0.00
71 M	1,1,2,2-Tetrachloroethane	0.544	0.557	-2.4	101	0.00
72	1,2,3-Trichloropropane	0.483	0.448	7.2	92	0.00
73	Bromobenzene	0.458	0.464	-1.3	106	0.00
74	n-propylbenzene	2.035	2.117	-4.0	109	0.00
75	2-Chlorotoluene	1.213	1.253	-3.3	108	0.00
76	1,3,5-Trimethylbenzene	1.448	1.497	-3.4	108	0.00
77	t-1,4-Dichloro-2-butene	0.171	0.166	2.9	105	0.00
78	4-Chlorotoluene	1.251	1.272	-1.7	107	0.00
79	tert-butylbenzene	1.218	1.230	-1.0	108	0.00
80	1,2,4-Trimethylbenzene	1.409	1.463	-3.8	109	0.00
81	sec-Butylbenzene	1.678	1.721	-2.6	110	0.00
82	p-Isopropyltoluene	1.488	1.494	-0.4	109	0.00
83 M	1,3-Dichlorobenzene	0.799	0.810	-1.4	106	0.00
84 M	1,4-Dichlorobenzene	0.781	0.768	1.7	105	0.00
85	n-Butylbenzene	1.236	1.179	4.6	111	0.00
86 T	Hexachloroethane	0.293	0.297	-1.4	107	0.00
87 M	1,2-Dichlorobenzene	0.765	0.773	-1.0	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.086	0.081	5.8	98	0.00
89	1,2,4-Trichlorobenzene	0.378	0.344	9.0	110	0.00
90	Hexachlorobutadiene	0.279	0.290	-3.9	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.834	0.677	18.8	103	0.00
92	1,2,3-Trichlorobenzene	0.377	0.342	9.3	106	0.00

(#) = Out of Range

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