

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065178.D
 Acq On : 21 Dec 2020 13:53
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122120

Quant Time: Dec 22 05:34:59 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 M	Dichlorodifluoromethane	1.586	1.604	-1.1	119	0.00
3 M	Chloromethane	1.860	1.822	2.0	105	0.00
4 M	Vinyl Chloride	1.955	1.880	3.8	102	0.00
5 M	Bromomethane	1.411	1.456	-3.2	113	0.00
6 M	Chloroethane	1.249	1.226	1.8	106	0.00
7 M	Trichlorofluoromethane	2.839	2.802	1.3	104	0.00
8 T	Diethyl Ether	1.035	1.008	2.6	104	0.00
9	1,1,2-Trichlorotrifluoroeth	1.576	1.575	0.1	102	0.00
10 M	1,1-Dichloroethene	1.598	1.582	1.0	104	0.00
11	Methyl Iodide	2.370	2.165	8.6	100	0.00
12	Methyl Acetate	1.658	1.626	1.9	106	0.00
13 M	Acrolein	0.226	0.201	11.1	106	0.00
14 M	Acrylonitrile	0.774	0.752	2.8	104	0.00
15 M	Acetone	0.245	0.221	9.8	82	0.00
16 M	Carbon Disulfide	4.615	4.552	1.4	106	0.00
17	Allyl chloride	2.823	2.751	2.6	103	0.00
18 M	Methylene Chloride	1.831	1.785	2.5	104	0.00
19 M	trans-1,2-Dichloroethene	1.755	1.734	1.2	105	0.00
20 T	Diisopropyl ether	5.658	5.508	2.7	103	0.00
21 M	1,1-Dichloroethane	3.177	3.098	2.5	103	0.00
22 M	cis-1,2-Dichloroethene	2.018	1.976	2.1	104	0.00
23 M	tert-Butyl Alcohol	0.329	0.323	1.8	105	0.00
24 M	Methyl tert-Butyl Ether	5.581	5.423	2.8	103	0.00
25 M	Chloroform	3.278	3.164	3.5	102	0.00
26	Cyclohexane	2.806	2.733	2.6	102	0.00
27 s	1,2-Dichloroethane-d4	2.177	2.201	-1.1	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.443	0.424	4.3	104	0.00
30 M	2-Butanone	0.202	0.186	7.9	95	0.00
31	2,2-Dichloropropane	0.543	0.517	4.8	101	0.00
32 M	1,1,1-Trichloroethane	0.534	0.507	5.1	103	0.00
33 M	Carbon Tetrachloride	0.470	0.450	4.3	104	0.00
34 M	Benzene	1.306	1.229	5.9	102	0.00
35	Methacrylonitrile	0.187	0.175	6.4	96	0.00
36 M	1,2-Dichloroethane	0.484	0.454	6.2	102	0.00
37 M	Trichloroethene	0.374	0.358	4.3	104	0.00
38	Methylcyclohexane	0.544	0.528	2.9	104	0.00
39 M	1,2-Dichloropropane	0.341	0.321	5.9	101	0.00
40	Dibromomethane	0.230	0.213	7.4	100	0.00
41 M	Bromodichloromethane	0.489	0.461	5.7	103	0.00
42 M	Vinyl Acetate	0.875	0.835	4.6	102	0.00
43	Ethyl Acetate	0.397	0.388	2.3	104	0.00
44	Isopropyl Acetate	0.748	0.704	5.9	102	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	107	0.00
46	Methyl methacrylate	0.355	0.326	8.2	100	0.00
47	n-amyl Acetate	0.628	0.572	8.9	102	0.00
48 M	t-1,3-Dichloropropene	0.550	0.519	5.6	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.581	0.548	5.7	103	0.00
50 M	1,1,2-Trichloroethane	0.324	0.304	6.2	101	0.00
51	Ethyl methacrylate	0.506	0.486	4.0	107	0.00
52	1,3-Dichloropropane	0.540	0.509	5.7	103	0.00
53 M	Dibromochloromethane	0.387	0.364	5.9	104	0.00
54 M	1,2-Dibromoethane	0.347	0.322	7.2	103	0.00
55 M	2-Chloroethyl vinyl ether	0.250	0.202	19.2	102	0.00
56 M	Bromoform	0.299	0.278	7.0	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.458	0.444	3.1	102	0.00
59 M	2-Hexanone	0.338	0.321	5.0	100	0.00
60 S	4-Bromofluorobenzene	0.477	0.474	0.6	97	0.00
61 M	Tetrachloroethene	0.450	0.445	1.1	101	0.00
62 M	Toluene	1.595	1.548	2.9	103	0.00
63 S	Toluene-d8	1.331	1.328	0.2	95	0.00
64 M	Chlorobenzene	0.984	0.947	3.8	103	0.00
65	1,1,1,2-Tetrachloroethane	0.389	0.379	2.6	104	0.00
66 M	Ethyl Benzene	1.780	1.708	4.0	103	0.00
67 M	m/p-Xylenes	0.672	0.649	3.4	103	0.00
68 M	o-Xylene	0.649	0.638	1.7	106	0.00
69 M	Styrene	1.090	1.041	4.5	104	0.00
70	Isopropylbenzene	1.732	1.676	3.2	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.469	0.448	4.5	104	0.00
72	1,2,3-Trichloropropane	0.478	0.455	4.8	96	0.00
73	Bromobenzene	0.452	0.429	5.1	103	0.00
74	n-propylbenzene	1.967	1.885	4.2	104	0.00
75	2-Chlorotoluene	1.164	1.117	4.0	105	0.00
76	1,3,5-Trimethylbenzene	1.478	1.433	3.0	104	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.175	6.9	103	0.00
78	4-Chlorotoluene	1.180	1.120	5.1	106	0.00
79	tert-butylbenzene	1.260	1.209	4.0	102	0.00
80	1,2,4-Trimethylbenzene	1.462	1.419	2.9	105	0.00
81	sec-Butylbenzene	1.654	1.594	3.6	105	0.00
82	p-Isopropyltoluene	1.527	1.471	3.7	105	0.00
83 M	1,3-Dichlorobenzene	0.748	0.719	3.9	107	0.00
84 M	1,4-Dichlorobenzene	0.745	0.685	8.1	103	0.00
85	n-Butylbenzene	1.308	1.241	5.1	103	0.00
86 T	Hexachloroethane	0.277	0.263	5.1	105	0.00
87 M	1,2-Dichlorobenzene	0.725	0.703	3.0	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.092	6.1	105	0.00
89	1,2,4-Trichlorobenzene	0.389	0.347	10.8	104	0.00
90	Hexachlorobutadiene	0.258	0.250	3.1	103	0.00
91 M	Naphthalene	1.040	0.929	10.7	106	0.00
92	1,2,3-Trichlorobenzene	0.365	0.329	9.9	105	0.00

(#) = Out of Range

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