

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066328.D
 Acq On : 25 Mar 2021 13:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 26 04:39:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 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	106	0.00
2 M	Dichlorodifluoromethane	1.678	1.606	4.3	102	0.00
3 M	Chloromethane	2.109	2.055	2.6	105	0.00
4 M	Vinyl Chloride	2.217	2.173	2.0	105	0.00
5 M	Bromomethane	1.569	1.590	-1.3	112	0.00
6 M	Chloroethane	1.420	1.421	-0.1	108	0.00
7 M	Trichlorofluoromethane	3.198	3.210	-0.4	110	0.00
8 T	Diethyl Ether	1.080	1.306	-20.9	128	0.00
9	1,1,2-Trichlorotrifluoroeth	1.565	1.872	-19.6	128	0.00
10 M	1,1-Dichloroethene	1.549	1.820	-17.5	129	0.00
11	Methyl Iodide	2.228	2.613	-17.3	121	-0.01
12	Methyl Acetate	2.405	3.286	-36.6#	140	0.00
13 M	Acrolein	0.167	0.164	1.8	126	0.00
14 M	Acrylonitrile	0.992	0.954	3.8	101	0.00
15 M	Acetone	0.289	0.357	-23.5	140	0.00
16 M	Carbon Disulfide	4.291	5.065	-18.0	126	-0.01
17	Allyl chloride	2.799	3.491	-24.7	125	0.00
18 M	Methylene Chloride	1.851	2.229	-20.4	128	-0.01
19 M	trans-1,2-Dichloroethene	1.704	1.624	4.7	103	-0.02
20 T	Diisopropyl ether	6.143	5.867	4.5	101	0.00
21 M	1,1-Dichloroethane	3.325	3.210	3.5	102	0.00
22 M	cis-1,2-Dichloroethene	2.040	1.978	3.0	103	0.00
23 M	tert-Butyl Alcohol	0.407	0.372	8.6	93	0.03
24 M	Methyl tert-Butyl Ether	5.910	5.540	6.3	100	0.00
25 M	Chloroform	3.359	3.281	2.3	103	0.00
26	Cyclohexane	2.949	2.742	7.0	99	0.00
27 s	1,2-Dichloroethane-d4	2.306	2.213	4.0	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.449	0.441	1.8	104	0.00
30 M	2-Butanone	0.263	0.250	4.9	99	0.01
31	2,2-Dichloropropane	0.556	0.547	1.6	103	0.00
32 M	1,1,1-Trichloroethane	0.544	0.530	2.6	103	0.00
33 M	Carbon Tetrachloride	0.459	0.447	2.6	102	0.00
34 M	Benzene	1.367	1.333	2.5	101	0.00
35	Methacrylonitrile	0.222	0.245	-10.4	121	0.00
36 M	1,2-Dichloroethane	0.501	0.488	2.6	100	0.00
37 M	Trichloroethene	0.357	0.359	-0.6	106	0.00
38	Methylcyclohexane	0.555	0.532	4.1	101	0.00
39 M	1,2-Dichloropropane	0.370	0.365	1.4	102	0.00
40	Dibromomethane	0.238	0.240	-0.8	105	0.00
41 M	Bromodichloromethane	0.504	0.503	0.2	104	0.00
42 M	Vinyl Acetate	0.991	0.944	4.7	99	0.00
43	Ethyl Acetate	0.506	0.496	2.0	100	0.00
44	Isopropyl Acetate	0.904	0.867	4.1	98	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	102	0.00
46	Methyl methacrylate	0.422	0.409	3.1	101	0.00
47	n-amyl Acetate	0.366	0.522	-42.6#	140	0.00
48 M	t-1,3-Dichloropropene	0.547	0.533	2.6	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.588	0.587	0.2	104	0.00
50 M	1,1,2-Trichloroethane	0.341	0.339	0.6	102	0.00
51	Ethyl methacrylate	0.533	0.520	2.4	100	0.00
52	1,3-Dichloropropane	0.568	0.566	0.4	103	0.00
53 M	Dibromochloromethane	0.383	0.377	1.6	101	0.00
54 M	1,2-Dibromoethane	0.351	0.350	0.3	102	0.00
55 M	2-Chloroethyl vinyl ether	0.079	0.038#	51.9#	47	0.00
56 M	Bromoform	0.281	0.289	-2.8	106	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	0.601	0.554	7.8	97	0.00
59 M	2-Hexanone	0.414	0.393	5.1	100	0.00
60 S	4-Bromofluorobenzene	0.468	0.480	-2.6	107	0.00
61 M	Tetrachloroethene	0.413	0.409	1.0	105	0.00
62 M	Toluene	1.661	1.590	4.3	103	0.00
63 S	Toluene-d8	1.408	1.353	3.9	101	0.00
64 M	Chlorobenzene	0.976	0.975	0.1	106	0.00
65	1,1,1,2-Tetrachloroethane	0.383	0.368	3.9	103	0.00
66 M	Ethyl Benzene	1.789	1.754	2.0	104	0.00
67 M	m/p-Xylenes	0.665	0.664	0.2	107	0.00
68 M	o-Xylene	0.656	0.648	1.2	105	0.00
69 M	Styrene	1.052	1.049	0.3	106	0.00
70	Isopropylbenzene	1.727	1.713	0.8	105	0.00
71 M	1,1,2,2-Tetrachloroethane	0.553	0.553	0.0	103	0.00
72	1,2,3-Trichloropropane	0.534	0.520	2.6	100	0.00
73	Bromobenzene	0.426	0.439	-3.1	108	0.00
74	n-propylbenzene	1.909	1.900	0.5	106	0.00
75	2-Chlorotoluene	1.156	1.145	1.0	105	0.00
76	1,3,5-Trimethylbenzene	1.421	1.412	0.6	106	0.00
77	t-1,4-Dichloro-2-butene	0.173	0.165	4.6	97	0.00
78	4-Chlorotoluene	1.134	1.105	2.6	102	0.00
79	tert-butylbenzene	1.235	1.210	2.0	106	0.00
80	1,2,4-Trimethylbenzene	1.378	1.350	2.0	106	0.00
81	sec-Butylbenzene	1.577	1.559	1.1	106	0.00
82	p-Isopropyltoluene	1.389	1.389	0.0	108	0.00
83 M	1,3-Dichlorobenzene	0.698	0.714	-2.3	109	0.00
84 M	1,4-Dichlorobenzene	0.679	0.694	-2.2	108	0.00
85	n-Butylbenzene	1.133	1.132	0.1	107	0.00
86 T	Hexachloroethane	0.256	0.248	3.1	103	0.00
87 M	1,2-Dichlorobenzene	0.690	0.680	1.4	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.102	9.7	93	0.00
89	1,2,4-Trichlorobenzene	0.441	0.414	6.1	103	0.00
90	Hexachlorobutadiene	0.239	0.227	5.0	105	0.00
91 M	Naphthalene	1.341	1.191	11.2	95	0.00
92	1,2,3-Trichlorobenzene	0.432	0.413	4.4	104	0.00

(#) = Out of Range

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