

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065515.D
 Acq On : 14 Jan 2021 17:54
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 15 04:15:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 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	105	0.00
2 M	Dichlorodifluoromethane	1.493	1.270	14.9	98	0.00
3 M	Chloromethane	1.848	1.643	11.1	102	0.00
4 M	Vinyl Chloride	2.036	1.751	14.0	101	0.00
5 M	Bromomethane	1.452	1.192	17.9	92	0.00
6 M	Chloroethane	1.324	1.171	11.6	103	0.00
7 M	Trichlorofluoromethane	2.712	2.439	10.1	103	0.00
8 T	Diethyl Ether	1.103	1.003	9.1	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.611	1.445	10.3	101	0.00
10 M	1,1-Dichloroethene	1.650	1.486	9.9	104	0.00
11	Methyl Iodide	2.604	1.918	26.3	85	0.00
12	Methyl Acetate	1.616	1.440	10.9	99	0.00
13 M	Acrolein	0.273	0.240	12.1	102	0.00
14 M	Acrylonitrile	0.732	0.657	10.2	101	0.00
15 M	Acetone	0.224	0.208	7.1	102	0.00
16 M	Carbon Disulfide	4.011	3.398	15.3	101	0.00
17	Allyl chloride	2.339	2.028	13.3	102	0.00
18 M	Methylene Chloride	1.790	1.629	9.0	103	0.00
19 M	trans-1,2-Dichloroethene	1.660	1.478	11.0	103	0.00
20 T	Diisopropyl ether	4.899	4.428	9.6	103	0.00
21 M	1,1-Dichloroethane	2.927	2.663	9.0	104	0.00
22 M	cis-1,2-Dichloroethene	1.923	1.726	10.2	105	0.00
23 M	tert-Butyl Alcohol	0.226	0.188	16.8	92	0.00
24 M	Methyl tert-Butyl Ether	4.838	4.321	10.7	104	0.00
25 M	Chloroform	3.020	2.711	10.2	103	0.00
26	Cyclohexane	2.457	2.121	13.7	102	0.00
27 s	1,2-Dichloroethane-d4	1.874	1.852	1.2	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.426	0.388	8.9	104	0.00
30 M	2-Butanone	0.172	0.154	10.5	96	0.00
31	2,2-Dichloropropane	0.440	0.399	9.3	102	0.00
32 M	1,1,1-Trichloroethane	0.482	0.444	7.9	102	0.00
33 M	Carbon Tetrachloride	0.424	0.387	8.7	104	0.00
34 M	Benzene	1.312	1.223	6.8	104	0.00
35	Methacrylonitrile	0.179	0.171	4.5	100	0.00
36 M	1,2-Dichloroethane	0.433	0.414	4.4	103	0.00
37 M	Trichloroethene	0.391	0.356	9.0	103	0.00
38	Methylcyclohexane	0.495	0.430	13.1	101	0.00
39 M	1,2-Dichloropropane	0.341	0.314	7.9	102	0.00
40	Dibromomethane	0.228	0.209	8.3	101	0.00
41 M	Bromodichloromethane	0.442	0.399	9.7	102	0.00
42 M	Vinyl Acetate	0.745	0.680	8.7	101	0.00
43	Ethyl Acetate	0.367	0.340	7.4	105	0.00
44	Isopropyl Acetate	0.614	0.554	9.8	100	0.00
45 T	1,4-Dioxane	0.004	0.004#	0.0	97	0.00
46	Methyl methacrylate	0.303	0.268	11.6	100	0.00
47	n-amyl Acetate	0.531	0.456	14.1	102	0.00
48 M	t-1,3-Dichloropropene	0.490	0.421	14.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.539	0.479	11.1	102	0.00
50 M	1,1,2-Trichloroethane	0.334	0.311	6.9	103	0.00
51	Ethyl methacrylate	0.468	0.416	11.1	102	0.00
52	1,3-Dichloropropane	0.553	0.514	7.1	104	0.00
53 M	Dibromochloromethane	0.370	0.323	12.7	102	0.00
54 M	1,2-Dibromoethane	0.357	0.319	10.6	102	0.00
55 M	2-Chloroethyl vinyl ether	0.205	0.192	6.3	107	0.00
56 M	Bromoform	0.288	0.240	16.7	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.398	0.359	9.8	98	0.00
59 M	2-Hexanone	0.288	0.252	12.5	97	0.00
60 S	4-Bromofluorobenzene	0.454	0.440	3.1	102	0.00
61 M	Tetrachloroethene	0.479	0.442	7.7	102	0.00
62 M	Toluene	1.566	1.436	8.3	104	0.00
63 S	Toluene-d8	1.313	1.320	-0.5	102	0.00
64 M	Chlorobenzene	1.018	0.922	9.4	103	0.00
65	1,1,1,2-Tetrachloroethane	0.383	0.339	11.5	101	0.00
66 M	Ethyl Benzene	1.712	1.537	10.2	104	0.00
67 M	m/p-Xylenes	0.670	0.595	11.2	102	0.00
68 M	o-Xylene	0.647	0.587	9.3	105	0.00
69 M	Styrene	1.081	0.959	11.3	104	0.00
70	Isopropylbenzene	1.692	1.528	9.7	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.481	0.430	10.6	102	0.00
72	1,2,3-Trichloropropane	0.457	0.564	-23.4	141	0.00
73	Bromobenzene	0.484	0.430	11.2	103	0.00
74	n-propylbenzene	1.896	1.689	10.9	103	0.00
75	2-Chlorotoluene	1.144	1.019	10.9	102	0.00
76	1,3,5-Trimethylbenzene	1.450	1.300	10.3	103	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.124	23.0	96	0.00
78	4-Chlorotoluene	1.157	1.019	11.9	102	0.00
79	tert-butylbenzene	1.246	1.108	11.1	103	0.00
80	1,2,4-Trimethylbenzene	1.443	1.279	11.4	102	0.00
81	sec-Butylbenzene	1.611	1.420	11.9	102	0.00
82	p-Isopropyltoluene	1.505	1.326	11.9	104	0.00
83 M	1,3-Dichlorobenzene	0.802	0.690	14.0	102	0.00
84 M	1,4-Dichlorobenzene	0.783	0.655	16.3	103	0.00
85	n-Butylbenzene	1.190	1.008	15.3	103	0.00
86 T	Hexachloroethane	0.248	0.205	17.3	101	0.00
87 M	1,2-Dichlorobenzene	0.790	0.701	11.3	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.086	0.070	18.6	100	0.00
89	1,2,4-Trichlorobenzene	0.407	0.305	25.1	105	0.00
90	Hexachlorobutadiene	0.276	0.241	12.7	101	0.00
91 M	Naphthalene	1.005	0.724	28.0	106	0.00
92	1,2,3-Trichlorobenzene	0.401	0.311	22.4	104	0.00

(#) = Out of Range

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