

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065388.D
 Acq On : 6 Jan 2021 9:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 07 01:15:54 2021
 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	176	0.00
2 M	Dichlorodifluoromethane	20.000	19.670	1.6	210	0.02
3 M	Chloromethane	20.000	20.608	-3.0	201	0.02
4 M	Vinyl Chloride	20.000	20.833	-4.2	201	0.02
5 M	Bromomethane	20.000	20.747	-3.7	206	0.00
6 M	Chloroethane	20.000	20.601	-3.0	202	0.02
7 M	Trichlorofluoromethane	20.000	19.152	4.2	184	0.02
8 T	Diethyl Ether	20.000	21.031	-5.2	204	0.02
9	1,1,2-Trichlorotrifluoroeth	20.000	20.679	-3.4	192	0.00
10 M	1,1-Dichloroethene	20.000	20.504	-2.5	196	0.00
11	Methyl Iodide	20.000	19.651	1.7	197	0.00
12	Methyl Acetate	20.000	19.832	0.8	195	0.02
13 M	Acrolein	100.000	89.688	10.3	195	0.01
14 M	Acrylonitrile	100.000	96.423	3.6	188	0.02
15 M	Acetone	100.000	162.560	-62.6#	270	0.02
16 M	Carbon Disulfide	20.000	18.437	7.8	180	0.00
17	Allyl chloride	20.000	17.956	10.2	172	0.00
18 M	Methylene Chloride	20.000	20.138	-0.7	196	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.402	3.0	188	0.00
20 T	Diisopropyl ether	20.000	18.534	7.3	178	0.02
21 M	1,1-Dichloroethane	20.000	19.373	3.1	187	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.682	1.6	189	0.00
23 M	tert-Butyl Alcohol	100.000	80.991	19.0	157	0.06
24 M	Methyl tert-Butyl Ether	20.000	17.698	11.5	170	0.02
25 M	Chloroform	20.000	18.997	5.0	182	0.00
26	Cyclohexane	20.000	18.636	6.8	177	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.921	6.9	161	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	173	0.00
29	1,1-Dichloropropene	20.000	19.095	4.5	184	0.00
30 M	2-Butanone	100.000	106.584	-6.6	196	0.02
31	2,2-Dichloropropane	20.000	17.454	12.7	166	0.00
32 M	1,1,1-Trichloroethane	20.000	18.030	9.8	175	0.00
33 M	Carbon Tetrachloride	20.000	17.775	11.1	172	0.00
34 M	Benzene	20.000	19.847	0.8	193	0.00
35	Methacrylonitrile	20.000	17.911	10.4	164	0.00
36 M	1,2-Dichloroethane	20.000	17.932	10.3	173	0.00
37 M	Trichloroethene	20.000	20.432	-2.2	197	0.00
38	Methylcyclohexane	20.000	18.570	7.1	177	0.00
39 M	1,2-Dichloropropane	20.000	19.687	1.6	189	0.00
40	Dibromomethane	20.000	18.867	5.7	182	0.00
41 M	Bromodichloromethane	20.000	17.897	10.5	174	0.00
42 M	Vinyl Acetate	100.000	88.364	11.6	169	0.02
43	Ethyl Acetate	20.000	19.208	4.0	183	0.01
44	Isopropyl Acetate	20.000	16.664	16.7	161	0.00
45 T	1,4-Dioxane	400.000	371.810	7.0	185	0.00
46	Methyl methacrylate	20.000	16.884	15.6	164	0.00
47	n-amyl Acetate	20.000	16.657	16.7	167	0.00
48 M	t-1,3-Dichloropropene	20.000	17.685	11.6	174	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.310	8.5	179	0.00
50 M	1,1,2-Trichloroethane	20.000	19.903	0.5	192	0.00
51	Ethyl methacrylate	20.000	18.058	9.7	179	0.00
52	1,3-Dichloropropane	20.000	19.983	0.1	195	0.00
53 M	Dibromochloromethane	20.000	18.535	7.3	182	0.00
54 M	1,2-Dibromoethane	20.000	19.661	1.7	194	0.00
55 M	2-Chloroethyl vinyl ether	100.000	54.733	45.3#	124	0.00
56 M	Bromoform	20.000	17.858	10.7	178	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	181	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.435	12.6	175	0.00
59 M	2-Hexanone	100.000	94.758	5.2	188	0.00
60 S	4-Bromofluorobenzene	30.000	28.630	4.6	175	0.00
61 M	Tetrachloroethene	20.000	21.849	-9.2	210	0.00
62 M	Toluene	20.000	19.456	2.7	195	0.00
63 S	Toluene-d8	30.000	29.547	1.5	177	0.00
64 M	Chlorobenzene	20.000	19.778	1.1	200	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.766	6.2	189	0.00
66 M	Ethyl Benzene	20.000	19.066	4.7	193	0.00
67 M	m/p-Xylenes	40.000	38.696	3.3	194	0.00
68 M	o-Xylene	20.000	19.504	2.5	197	0.00
69 M	Styrene	20.000	19.169	4.2	198	0.00
70	Isopropylbenzene	20.000	19.289	3.6	195	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.748	6.3	193	0.00
72	1,2,3-Trichloropropane	20.000	18.575	7.1	177	0.00
73	Bromobenzene	20.000	19.932	0.3	204	0.00
74	n-propylbenzene	20.000	19.137	4.3	197	0.00
75	2-Chlorotoluene	20.000	19.379	3.1	199	0.00
76	1,3,5-Trimethylbenzene	20.000	19.079	4.6	193	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.632	16.8	172	0.00
78	4-Chlorotoluene	20.000	18.998	5.0	199	0.00
79	tert-butylbenzene	20.000	19.111	4.4	192	0.00
80	1,2,4-Trimethylbenzene	20.000	19.353	3.2	197	0.00
81	sec-Butylbenzene	20.000	19.086	4.6	196	0.00
82	p-Isopropyltoluene	20.000	19.162	4.2	197	0.00
83 M	1,3-Dichlorobenzene	20.000	20.063	-0.3	211	0.00
84 M	1,4-Dichlorobenzene	20.000	19.472	2.6	205	0.00
85	n-Butylbenzene	20.000	18.481	7.6	189	0.00
86 T	Hexachloroethane	20.000	16.838	15.8	176	0.00
87 M	1,2-Dichlorobenzene	20.000	20.282	-1.4	210	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.695	16.5	175	0.00
89	1,2,4-Trichlorobenzene	20.000	18.381	8.1	203	0.00
90	Hexachlorobutadiene	20.000	20.653	-3.3	206	0.00
91 M	Naphthalene	20.000	16.714	16.4	186	0.00
92	1,2,3-Trichlorobenzene	20.000	19.101	4.5	210	0.00

(#) = Out of Range

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