

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067677.D
 Acq On : 9 Jul 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 05:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	94	0.00
2 M	Dichlorodifluoromethane	20.000	17.505	12.5	89	0.00
3 M	Chloromethane	20.000	19.730	1.3	90	0.00
4 M	Vinyl Chloride	20.000	19.850	0.7	91	0.00
5 M	Bromomethane	20.000	20.319	-1.6	98	0.00
6 M	Chloroethane	20.000	20.871	-4.4	94	0.00
7 M	Trichlorofluoromethane	20.000	20.069	-0.3	88	0.00
8 T	Diethyl Ether	20.000	12.559	37.2#	65	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.799	-19.0	117	0.00
10 M	1,1-Dichloroethene	20.000	21.823	-9.1	108	0.00
11	Methyl Iodide	20.000	20.911	-4.6	106	0.00
12	Methyl Acetate	20.000	22.132	-10.7	108	0.00
13 M	Acrolein	100.000	111.976	-12.0	112	0.00
14 M	Acrylonitrile	100.000	103.358	-3.4	105	0.00
15 M	Acetone	100.000	181.638	-81.6#	181	0.00
16 M	Carbon Disulfide	20.000	20.852	-4.3	104	0.00
17	Allyl chloride	20.000	21.114	-5.6	105	0.00
18 M	Methylene Chloride	20.000	21.630	-8.1	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.231	-6.2	107	0.00
20 T	Diisopropyl ether	20.000	20.362	-1.8	106	0.00
21 M	1,1-Dichloroethane	20.000	21.593	-8.0	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.180	-0.9	101	0.00
23 M	tert-Butyl Alcohol	100.000	99.207	0.8	107	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.965	0.2	101	0.00
25 M	Chloroform	20.000	21.081	-5.4	104	0.00
26	Cyclohexane	20.000	21.570	-7.9	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.127	-13.8	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.145	-0.7	109	0.00
30 M	2-Butanone	100.000	115.209	-15.2	126	0.00
31	2,2-Dichloropropane	20.000	20.082	-0.4	109	0.00
32 M	1,1,1-Trichloroethane	20.000	18.754	6.2	103	0.00
33 M	Carbon Tetrachloride	20.000	18.442	7.8	103	0.00
34 M	Benzene	20.000	19.246	3.8	106	0.00
35	Methacrylonitrile	20.000	18.211	8.9	103	0.00
36 M	1,2-Dichloroethane	20.000	19.990	0.1	108	0.00
37 M	Trichloroethene	20.000	19.654	1.7	106	0.00
38	Methylcyclohexane	20.000	20.487	-2.4	112	0.00
39 M	1,2-Dichloropropane	20.000	19.721	1.4	105	0.00
40	Dibromomethane	20.000	18.934	5.3	105	0.00
41 M	Bromodichloromethane	20.000	18.667	6.7	104	0.00
42 M	Vinyl Acetate	100.000	92.231	7.8	104	0.00
43	Ethyl Acetate	20.000	20.127	-0.6	110	0.00
44	Isopropyl Acetate	20.000	18.525	7.4	101	0.00
45 T	1,4-Dioxane	400.000	335.120	16.2	100	0.00
46	Methyl methacrylate	20.000	18.643	6.8	102	0.00
47	n-amyl Acetate	20.000	17.751	11.2	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

48 M	t-1,3-Dichloropropene	20.000	18.229	8.9	107	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.328	8.4	104	0.00
50 M	1,1,2-Trichloroethane	20.000	18.250	8.8	103	0.00
51	Ethyl methacrylate	20.000	17.827	10.9	105	0.00
52	1,3-Dichloropropane	20.000	18.605	7.0	103	0.00
53 M	Dibromochloromethane	20.000	16.905	15.5	100	0.00
54 M	1,2-Dibromoethane	20.000	18.279	8.6	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	72.345	27.7	98	0.00
56 M	Bromoform	20.000	15.320	23.4	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.784	4.2	104	0.00
59 M	2-Hexanone	100.000	104.246	-4.2	114	0.00
60 S	4-Bromofluorobenzene	30.000	31.005	-3.3	104	0.00
61 M	Tetrachloroethene	20.000	19.719	1.4	103	0.00
62 M	Toluene	20.000	19.628	1.9	107	0.00
63 S	Toluene-d8	30.000	29.939	0.2	98	0.00
64 M	Chlorobenzene	20.000	19.667	1.7	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.411	7.9	103	0.00
66 M	Ethyl Benzene	20.000	19.581	2.1	107	0.00
67 M	m/p-Xylenes	40.000	38.468	3.8	106	0.00
68 M	o-Xylene	20.000	18.904	5.5	105	0.00
69 M	Styrene	20.000	18.754	6.2	107	0.00
70	Isopropylbenzene	20.000	19.400	3.0	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.993	5.0	104	0.00
72	1,2,3-Trichloropropane	20.000	20.451	-2.3	105	0.00
73	Bromobenzene	20.000	18.316	8.4	104	0.00
74	n-propylbenzene	20.000	19.953	0.2	111	0.00
75	2-Chlorotoluene	20.000	19.852	0.7	109	0.00
76	1,3,5-Trimethylbenzene	20.000	19.686	1.6	109	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.277	18.6	106	0.00
78	4-Chlorotoluene	20.000	20.092	-0.5	113	0.00
79	tert-butylbenzene	20.000	19.322	3.4	108	0.00
80	1,2,4-Trimethylbenzene	20.000	19.771	1.1	110	0.00
81	sec-Butylbenzene	20.000	20.106	-0.5	112	0.00
82	p-Isopropyltoluene	20.000	19.807	1.0	112	0.00
83 M	1,3-Dichlorobenzene	20.000	18.931	5.3	110	0.00
84 M	1,4-Dichlorobenzene	20.000	19.100	4.5	110	0.00
85	n-Butylbenzene	20.000	20.067	-0.3	115	0.00
86 T	Hexachloroethane	20.000	18.011	9.9	107	0.00
87 M	1,2-Dichlorobenzene	20.000	18.901	5.5	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.992	5.0	106	0.00
89	1,2,4-Trichlorobenzene	20.000	17.454	12.7	104	0.00
90	Hexachlorobutadiene	20.000	20.567	-2.8	117	0.00
91 M	Naphthalene	20.000	14.408	28.0	91	0.00
92	1,2,3-Trichlorobenzene	20.000	17.136	14.3	102	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range					
SPCC's out = 0 CCC's out = 0					