

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067733.D
 Acq On : 14 Jul 2021 9:27
 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 14 17:14:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	18.954	5.2	106	0.00
3 M	Chloromethane	20.000	19.638	1.8	103	0.00
4 M	Vinyl Chloride	20.000	19.572	2.1	102	0.00
5 M	Bromomethane	20.000	20.337	-1.7	104	0.00
6 M	Chloroethane	20.000	20.419	-2.1	103	0.00
7 M	Trichlorofluoromethane	20.000	20.856	-4.3	104	0.00
8 T	Diethyl Ether	20.000	19.930	0.4	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.175	-0.9	109	0.00
10 M	1,1-Dichloroethene	20.000	19.630	1.9	107	0.00
11	Methyl Iodide	20.000	17.322	13.4	102	0.00
12	Methyl Acetate	20.000	19.206	4.0	108	0.00
13 M	Acrolein	100.000	99.472	0.5	116	0.00
14 M	Acrylonitrile	100.000	93.431	6.6	106	0.00
15 M	Acetone	100.000	128.082	-28.1	142	0.00
16 M	Carbon Disulfide	20.000	18.939	5.3	109	0.00
17	Allyl chloride	20.000	19.158	4.2	106	0.00
18 M	Methylene Chloride	20.000	17.814	10.9	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.566	7.2	106	0.00
20 T	Diisopropyl ether	20.000	18.863	5.7	106	0.00
21 M	1,1-Dichloroethane	20.000	19.191	4.0	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.007	5.0	110	0.00
23 M	tert-Butyl Alcohol	100.000	90.341	9.7	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.108	4.5	107	0.00
25 M	Chloroform	20.000	19.376	3.1	108	0.00
26	Cyclohexane	20.000	19.110	4.5	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.288	-7.6	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.525	7.4	107	0.00
30 M	2-Butanone	100.000	97.503	2.5	115	0.00
31	2,2-Dichloropropane	20.000	19.118	4.4	112	0.00
32 M	1,1,1-Trichloroethane	20.000	18.291	8.5	108	0.00
33 M	Carbon Tetrachloride	20.000	17.747	11.3	107	0.00
34 M	Benzene	20.000	18.634	6.8	108	0.00
35	Methacrylonitrile	20.000	18.270	8.7	118	0.00
36 M	1,2-Dichloroethane	20.000	19.133	4.3	105	0.00
37 M	Trichloroethene	20.000	18.277	8.6	107	0.00
38	Methylcyclohexane	20.000	18.609	7.0	109	0.00
39 M	1,2-Dichloropropane	20.000	18.551	7.2	108	0.00
40	Dibromomethane	20.000	18.264	8.7	106	0.00
41 M	Bromodichloromethane	20.000	18.053	9.7	106	0.00
42 M	Vinyl Acetate	100.000	93.718	6.3	119	0.00
43	Ethyl Acetate	20.000	17.498	12.5	107	0.00
44	Isopropyl Acetate	20.000	18.026	9.9	106	0.00
45 T	1,4-Dioxane	400.000	352.025	12.0	102	0.00
46	Methyl methacrylate	20.000	17.859	10.7	107	0.00
47	n-amyl Acetate	20.000	17.562	12.2	109	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

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

48 M	t-1,3-Dichloropropene	20.000	17.630	11.9	109	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.025	9.9	109	0.00
50 M	1,1,2-Trichloroethane	20.000	18.085	9.6	108	0.00
51	Ethyl methacrylate	20.000	17.191	14.0	104	0.00
52	1,3-Dichloropropane	20.000	18.381	8.1	108	0.00
53 M	Dibromochloromethane	20.000	16.998	15.0	109	0.00
54 M	1,2-Dibromoethane	20.000	17.776	11.1	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.315	21.7	103	0.00
56 M	Bromoform	20.000	15.309	23.5	109	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.505	8.5	106	0.00
59 M	2-Hexanone	100.000	95.729	4.3	112	0.00
60 S	4-Bromofluorobenzene	30.000	29.733	0.9	102	0.00
61 M	Tetrachloroethene	20.000	18.551	7.2	108	0.00
62 M	Toluene	20.000	18.110	9.5	104	0.00
63 S	Toluene-d8	30.000	29.845	0.5	101	0.00
64 M	Chlorobenzene	20.000	18.137	9.3	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.980	10.1	109	0.00
66 M	Ethyl Benzene	20.000	18.191	9.0	105	0.00
67 M	m/p-Xylenes	40.000	36.874	7.8	107	0.00
68 M	o-Xylene	20.000	18.438	7.8	108	0.00
69 M	Styrene	20.000	17.965	10.2	106	0.00
70	Isopropylbenzene	20.000	18.350	8.2	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.659	6.7	108	0.00
72	1,2,3-Trichloropropane	20.000	20.497	-2.5	109	0.00
73	Bromobenzene	20.000	17.532	12.3	108	0.00
74	n-propylbenzene	20.000	18.982	5.1	109	0.00
75	2-Chlorotoluene	20.000	18.853	5.7	108	0.00
76	1,3,5-Trimethylbenzene	20.000	19.000	5.0	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.492	12.5	114	0.00
78	4-Chlorotoluene	20.000	19.108	4.5	109	0.00
79	tert-butylbenzene	20.000	18.330	8.4	107	0.00
80	1,2,4-Trimethylbenzene	20.000	18.825	5.9	109	0.00
81	sec-Butylbenzene	20.000	18.918	5.4	108	0.00
82	p-Isopropyltoluene	20.000	18.319	8.4	109	0.00
83 M	1,3-Dichlorobenzene	20.000	18.387	8.1	112	0.00
84 M	1,4-Dichlorobenzene	20.000	18.253	8.7	110	0.00
85	n-Butylbenzene	20.000	18.523	7.4	110	0.00
86 T	Hexachloroethane	20.000	17.416	12.9	109	0.00
87 M	1,2-Dichlorobenzene	20.000	18.293	8.5	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.707	6.5	112	0.00
89	1,2,4-Trichlorobenzene	20.000	16.306	18.5	108	0.00
90	Hexachlorobutadiene	20.000	18.245	8.8	105	0.00
91 M	Naphthalene	20.000	14.599	27.0	101	0.00
92	1,2,3-Trichlorobenzene	20.000	16.125	19.4	107	0.00

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

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