

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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	106	0.00
2 M	Dichlorodifluoromethane	20.000	19.144	4.3	102	0.00
3 M	Chloromethane	20.000	19.486	2.6	105	0.00
4 M	Vinyl Chloride	20.000	19.603	2.0	105	0.00
5 M	Bromomethane	20.000	20.265	-1.3	112	0.00
6 M	Chloroethane	20.000	20.013	-0.1	108	0.00
7 M	Trichlorofluoromethane	20.000	20.076	-0.4	110	0.00
8 T	Diethyl Ether	20.000	24.181	-20.9	128	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.919	-19.6	128	0.00
10 M	1,1-Dichloroethene	20.000	23.491	-17.5	129	0.00
11	Methyl Iodide	20.000	23.451	-17.3	121	-0.01
12	Methyl Acetate	20.000	27.331	-36.7#	140	0.00
13 M	Acrolein	100.000	117.017	-17.0	126	0.00
14 M	Acrylonitrile	100.000	96.176	3.8	101	0.00
15 M	Acetone	100.000	123.496	-23.5	140	0.00
16 M	Carbon Disulfide	20.000	23.609	-18.0	126	-0.01
17	Allyl chloride	20.000	24.944	-24.7	125	0.00
18 M	Methylene Chloride	20.000	24.085	-20.4	128	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.067	4.7	103	-0.02
20 T	Diisopropyl ether	20.000	19.100	4.5	101	0.00
21 M	1,1-Dichloroethane	20.000	19.308	3.5	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.398	3.0	103	0.00
23 M	tert-Butyl Alcohol	100.000	91.321	8.7	93	0.03
24 M	Methyl tert-Butyl Ether	20.000	18.749	6.3	100	0.00
25 M	Chloroform	20.000	19.533	2.3	103	0.00
26	Cyclohexane	20.000	18.596	7.0	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.792	4.0	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.669	1.7	104	0.00
30 M	2-Butanone	100.000	94.941	5.1	99	0.01
31	2,2-Dichloropropane	20.000	19.696	1.5	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.480	2.6	103	0.00
33 M	Carbon Tetrachloride	20.000	19.489	2.6	102	0.00
34 M	Benzene	20.000	19.495	2.5	101	0.00
35	Methacrylonitrile	20.000	22.054	-10.3	121	0.00
36 M	1,2-Dichloroethane	20.000	19.481	2.6	100	0.00
37 M	Trichloroethene	20.000	20.153	-0.8	106	0.00
38	Methylcyclohexane	20.000	19.158	4.2	101	0.00
39 M	1,2-Dichloropropane	20.000	19.717	1.4	102	0.00
40	Dibromomethane	20.000	20.134	-0.7	105	0.00
41 M	Bromodichloromethane	20.000	19.972	0.1	104	0.00
42 M	Vinyl Acetate	100.000	95.291	4.7	99	0.00
43	Ethyl Acetate	20.000	19.598	2.0	100	0.00
44	Isopropyl Acetate	20.000	19.172	4.1	98	0.00
45 T	1,4-Dioxane	400.000	400.474	-0.1	102	0.00
46	Methyl methacrylate	20.000	19.364	3.2	101	0.00
47	n-amyl Acetate	20.000	22.688	-13.4	140	0.00
48 M	t-1,3-Dichloropropene	20.000	19.469	2.7	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.980	0.1	104	0.00
50 M	1,1,2-Trichloroethane	20.000	19.894	0.5	102	0.00
51	Ethyl methacrylate	20.000	19.495	2.5	100	0.00
52	1,3-Dichloropropane	20.000	19.930	0.4	103	0.00
53 M	Dibromochloromethane	20.000	19.727	1.4	101	0.00
54 M	1,2-Dibromoethane	20.000	19.967	0.2	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	47.886	52.1#	47	0.00
56 M	Bromoform	20.000	20.584	-2.9	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.123	7.9	97	0.00
59 M	2-Hexanone	100.000	95.136	4.9	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.732	-2.4	107	0.00
61 M	Tetrachloroethene	20.000	19.779	1.1	105	0.00
62 M	Toluene	20.000	19.143	4.3	103	0.00
63 S	Toluene-d8	30.000	28.819	3.9	101	0.00
64 M	Chlorobenzene	20.000	19.979	0.1	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.229	3.9	103	0.00
66 M	Ethyl Benzene	20.000	19.608	2.0	104	0.00
67 M	m/p-Xylenes	40.000	39.920	0.2	107	0.00
68 M	o-Xylene	20.000	19.737	1.3	105	0.00
69 M	Styrene	20.000	19.957	0.2	106	0.00
70	Isopropylbenzene	20.000	19.843	0.8	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.014	-0.1	103	0.00
72	1,2,3-Trichloropropane	20.000	19.481	2.6	100	0.00
73	Bromobenzene	20.000	20.622	-3.1	108	0.00
74	n-propylbenzene	20.000	19.909	0.5	106	0.00
75	2-Chlorotoluene	20.000	19.820	0.9	105	0.00
76	1,3,5-Trimethylbenzene	20.000	19.875	0.6	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.052	4.7	97	0.00
78	4-Chlorotoluene	20.000	19.496	2.5	102	0.00
79	tert-butylbenzene	20.000	19.597	2.0	106	0.00
80	1,2,4-Trimethylbenzene	20.000	19.588	2.1	106	0.00
81	sec-Butylbenzene	20.000	19.776	1.1	106	0.00
82	p-Isopropyltoluene	20.000	19.998	0.0	108	0.00
83 M	1,3-Dichlorobenzene	20.000	20.471	-2.4	109	0.00
84 M	1,4-Dichlorobenzene	20.000	20.440	-2.2	108	0.00
85	n-Butylbenzene	20.000	19.987	0.1	107	0.00
86 T	Hexachloroethane	20.000	19.361	3.2	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.697	1.5	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.146	9.3	93	0.00
89	1,2,4-Trichlorobenzene	20.000	18.789	6.1	103	0.00
90	Hexachlorobutadiene	20.000	19.055	4.7	105	0.00
91 M	Naphthalene	20.000	17.757	11.2	95	0.00
92	1,2,3-Trichlorobenzene	20.000	19.139	4.3	104	0.00

(#) = Out of Range

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