

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067025.D
 Acq On : 6 May 2021 21:36
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050721

Quant Time: May 07 06:59:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 06:53:40 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	18.696	6.5	99	0.00
3 M	Chloromethane	20.000	17.965	10.2	101	0.00
4 M	Vinyl Chloride	20.000	17.936	10.3	101	0.00
5 M	Bromomethane	20.000	18.058	9.7	103	0.01
6 M	Chloroethane	20.000	18.854	5.7	108	0.00
7 M	Trichlorofluoromethane	20.000	17.551	12.2	98	0.00
8 T	Diethyl Ether	20.000	18.036	9.8	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.581	12.1	98	0.00
10 M	1,1-Dichloroethene	20.000	17.609	12.0	101	0.00
11	Methyl Iodide	20.000	17.247	13.8	99	0.00
12	Methyl Acetate	20.000	17.304	13.5	101	0.00
13 M	Acrolein	100.000	87.800	12.2	105	0.00
14 M	Acrylonitrile	100.000	89.552	10.4	102	0.00
15 M	Acetone	100.000	86.426	13.6	99	0.00
16 M	Carbon Disulfide	20.000	17.835	10.8	101	0.00
17	Allyl chloride	20.000	18.110	9.5	112	0.00
18 M	Methylene Chloride	20.000	16.912	15.4	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.306	8.5	104	0.00
20 T	Diisopropyl ether	20.000	18.490	7.6	103	0.00
21 M	1,1-Dichloroethane	20.000	17.578	12.1	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.714	11.4	101	0.00
23 M	tert-Butyl Alcohol	100.000	84.910	15.1	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.885	10.6	102	0.00
25 M	Chloroform	20.000	17.923	10.4	103	0.00
26	Cyclohexane	20.000	17.762	11.2	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.718	0.9	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	18.007	10.0	103	0.00
30 M	2-Butanone	100.000	87.635	12.4	103	0.00
31	2,2-Dichloropropane	20.000	16.644	16.8	98	0.00
32 M	1,1,1-Trichloroethane	20.000	17.485	12.6	101	0.00
33 M	Carbon Tetrachloride	20.000	17.435	12.8	101	0.00
34 M	Benzene	20.000	17.583	12.1	102	0.00
35	Methacrylonitrile	20.000	17.169	14.2	101	0.00
36 M	1,2-Dichloroethane	20.000	17.518	12.4	101	0.00
37 M	Trichloroethene	20.000	17.409	13.0	101	0.00
38	Methylcyclohexane	20.000	17.261	13.7	103	0.00
39 M	1,2-Dichloropropane	20.000	17.336	13.3	99	0.00
40	Dibromomethane	20.000	17.197	14.0	101	0.00
41 M	Bromodichloromethane	20.000	17.221	13.9	102	0.00
42 M	Vinyl Acetate	100.000	89.807	10.2	103	0.00
43	Ethyl Acetate	20.000	18.963	5.2	105	0.00
44	Isopropyl Acetate	20.000	17.737	11.3	104	0.00
45 T	1,4-Dioxane	400.000	342.738	14.3	103	0.00
46	Methyl methacrylate	20.000	17.529	12.4	105	0.00
47	n-amyl Acetate	20.000	0.000	100.0#	0	-11.79#
48 M	t-1,3-Dichloropropene	20.000	17.180	14.1	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.480	12.6	102	0.00
50 M	1,1,2-Trichloroethane	20.000	17.064	14.7	99	0.00
51	Ethyl methacrylate	20.000	17.377	13.1	104	0.00
52	1,3-Dichloropropane	20.000	17.717	11.4	104	0.00
53 M	Dibromochloromethane	20.000	17.101	14.5	100	0.00
54 M	1,2-Dibromoethane	20.000	17.168	14.2	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.129	21.9	97	0.00
56 M	Bromoform	20.000	16.699	16.5	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.167	7.8	101	0.00
59 M	2-Hexanone	100.000	89.000	11.0	99	0.00
60 S	4-Bromofluorobenzene	30.000	28.709	4.3	96	0.00
61 M	Tetrachloroethene	20.000	18.198	9.0	100	0.00
62 M	Toluene	20.000	18.257	8.7	102	0.00
63 S	Toluene-d8	30.000	31.020	-3.4	104	0.00
64 M	Chlorobenzene	20.000	17.629	11.9	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.107	9.5	102	0.00
66 M	Ethyl Benzene	20.000	18.125	9.4	100	0.00
67 M	m/p-Xylenes	40.000	36.296	9.3	101	0.00
68 M	o-Xylene	20.000	18.021	9.9	102	0.00
69 M	Styrene	20.000	17.695	11.5	99	0.00
70	Isopropylbenzene	20.000	17.736	11.3	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.388	13.1	93	0.00
72	1,2,3-Trichloropropane	20.000	18.297	8.5	99	0.00
73	Bromobenzene	20.000	16.897	15.5	93	0.00
74	n-propylbenzene	20.000	17.762	11.2	98	0.00
75	2-Chlorotoluene	20.000	18.201	9.0	98	0.00
76	1,3,5-Trimethylbenzene	20.000	17.955	10.2	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.241	18.8	91	0.00
78	4-Chlorotoluene	20.000	18.872	5.6	98	0.00
79	tert-butylbenzene	20.000	17.686	11.6	99	0.00
80	1,2,4-Trimethylbenzene	20.000	17.838	10.8	98	0.00
81	sec-Butylbenzene	20.000	17.280	13.6	97	0.00
82	p-Isopropyltoluene	20.000	17.692	11.5	100	0.00
83 M	1,3-Dichlorobenzene	20.000	17.577	12.1	100	0.00
84 M	1,4-Dichlorobenzene	20.000	16.893	15.5	105	0.00
85	n-Butylbenzene	20.000	16.182	19.1	99	0.00
86 T	Hexachloroethane	20.000	16.804	16.0	96	0.00
87 M	1,2-Dichlorobenzene	20.000	18.412	7.9	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.384	23.1	105	0.00
89	1,2,4-Trichlorobenzene	20.000	17.424	12.9	105	0.00
90	Hexachlorobutadiene	20.000	17.336	13.3	102	0.00
91 M	Naphthalene	20.000	19.873	0.6	118	0.00
92	1,2,3-Trichlorobenzene	20.000	17.320	13.4	101	0.00

(#) = Out of Range

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