

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066678.D
 Acq On : 20 Apr 2021 13:16
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042021

Quant Time: Apr 21 10:06:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 20 12:52:17 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.693	6.5	103	0.00
3 M	Chloromethane	20.000	18.733	6.3	102	0.00
4 M	Vinyl Chloride	20.000	18.791	6.0	105	0.00
5 M	Bromomethane	20.000	20.300	-1.5	109	0.00
6 M	Chloroethane	20.000	18.817	5.9	104	0.00
7 M	Trichlorofluoromethane	20.000	18.718	6.4	105	0.00
8 T	Diethyl Ether	20.000	18.494	7.5	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.115	4.4	109	0.00
10 M	1,1-Dichloroethene	20.000	19.055	4.7	110	0.00
11	Methyl Iodide	20.000	17.279	13.6	99	0.00
12	Methyl Acetate	20.000	17.264	13.7	94	0.00
13 M	Acrolein	100.000	86.646	13.4	95	0.00
14 M	Acrylonitrile	100.000	86.968	13.0	97	0.00
15 M	Acetone	100.000	109.490	-9.5	118	0.00
16 M	Carbon Disulfide	20.000	18.735	6.3	106	0.00
17	Allyl chloride	20.000	18.538	7.3	105	0.00
18 M	Methylene Chloride	20.000	18.821	5.9	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.578	7.1	105	0.00
20 T	Diisopropyl ether	20.000	18.544	7.3	106	0.00
21 M	1,1-Dichloroethane	20.000	18.429	7.9	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.462	7.7	106	0.00
23 M	tert-Butyl Alcohol	100.000	88.624	11.4	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.367	8.2	107	0.00
25 M	Chloroform	20.000	18.274	8.6	103	0.00
26	Cyclohexane	20.000	18.471	7.6	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.536	1.5	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	18.192	9.0	109	0.00
30 M	2-Butanone	100.000	89.686	10.3	102	0.00
31	2,2-Dichloropropane	20.000	18.515	7.4	108	0.00
32 M	1,1,1-Trichloroethane	20.000	17.965	10.2	104	0.00
33 M	Carbon Tetrachloride	20.000	17.989	10.1	106	0.00
34 M	Benzene	20.000	17.993	10.0	105	0.00
35	Methacrylonitrile	20.000	19.760	1.2	112	0.00
36 M	1,2-Dichloroethane	20.000	17.821	10.9	101	0.00
37 M	Trichloroethene	20.000	18.420	7.9	110	0.00
38	Methylcyclohexane	20.000	18.330	8.4	114	0.00
39 M	1,2-Dichloropropane	20.000	17.814	10.9	102	0.00
40	Dibromomethane	20.000	17.800	11.0	102	0.00
41 M	Bromodichloromethane	20.000	17.650	11.8	101	0.00
42 M	Vinyl Acetate	100.000	88.015	12.0	103	0.00
43	Ethyl Acetate	20.000	17.285	13.6	98	0.00
44	Isopropyl Acetate	20.000	16.966	15.2	99	0.00
45 T	1,4-Dioxane	400.000	353.278	11.7	96	0.00
46	Methyl methacrylate	20.000	16.689	16.6	99	0.00
47	n-amyl Acetate	20.000	22.451	-12.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.589	12.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.870	10.6	107	0.00
50 M	1,1,2-Trichloroethane	20.000	17.704	11.5	101	0.00
51	Ethyl methacrylate	20.000	16.673	16.6	104	0.00
52	1,3-Dichloropropane	20.000	17.695	11.5	103	0.00
53 M	Dibromochloromethane	20.000	17.535	12.3	101	0.00
54 M	1,2-Dibromoethane	20.000	17.552	12.2	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.731	21.3	103	0.00
56 M	Bromoform	20.000	17.166	14.2	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.264	12.7	95	0.00
59 M	2-Hexanone	100.000	86.116	13.9	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.751	0.8	106	0.00
61 M	Tetrachloroethene	20.000	19.239	3.8	108	0.00
62 M	Toluene	20.000	18.594	7.0	106	0.00
63 S	Toluene-d8	30.000	30.091	-0.3	103	0.00
64 M	Chlorobenzene	20.000	18.643	6.8	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.259	8.7	104	0.00
66 M	Ethyl Benzene	20.000	18.404	8.0	108	0.00
67 M	m/p-Xylenes	40.000	37.429	6.4	108	0.00
68 M	o-Xylene	20.000	18.556	7.2	108	0.00
69 M	Styrene	20.000	18.103	9.5	109	0.00
70	Isopropylbenzene	20.000	18.774	6.1	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.964	10.2	95	0.00
72	1,2,3-Trichloropropane	20.000	18.579	7.1	108	0.00
73	Bromobenzene	20.000	18.470	7.7	107	0.00
74	n-propylbenzene	20.000	18.359	8.2	110	0.00
75	2-Chlorotoluene	20.000	18.886	5.6	109	0.00
76	1,3,5-Trimethylbenzene	20.000	18.626	6.9	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.913	20.4	105	0.00
78	4-Chlorotoluene	20.000	18.495	7.5	112	0.00
79	tert-butylbenzene	20.000	18.412	7.9	109	0.00
80	1,2,4-Trimethylbenzene	20.000	18.577	7.1	112	0.00
81	sec-Butylbenzene	20.000	18.918	5.4	114	0.00
82	p-Isopropyltoluene	20.000	18.287	8.6	114	0.00
83 M	1,3-Dichlorobenzene	20.000	18.585	7.1	113	0.00
84 M	1,4-Dichlorobenzene	20.000	17.957	10.2	109	0.00
85	n-Butylbenzene	20.000	17.912	10.4	121	0.00
86 T	Hexachloroethane	20.000	17.944	10.3	106	0.00
87 M	1,2-Dichlorobenzene	20.000	18.993	5.0	114	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.084	14.6	111	0.00
89	1,2,4-Trichlorobenzene	20.000	19.570	2.1	129	0.00
90	Hexachlorobutadiene	20.000	19.562	2.2	115	0.00
91 M	Naphthalene	20.000	22.239	-11.2	141	0.00
92	1,2,3-Trichlorobenzene	20.000	20.412	-2.1	129	0.00

(#) = Out of Range

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