

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066314.D
 Acq On : 24 Mar 2021 17:08
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN032421

Quant Time: Mar 25 05:59:39 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	19.845	0.8	100	0.00
3 M	Chloromethane	20.000	20.190	-1.0	103	0.00
4 M	Vinyl Chloride	20.000	20.296	-1.5	102	0.00
5 M	Bromomethane	20.000	20.296	-1.5	106	0.01
6 M	Chloroethane	20.000	19.754	1.2	101	0.00
7 M	Trichlorofluoromethane	20.000	20.230	-1.2	105	0.00
8 T	Diethyl Ether	20.000	19.857	0.7	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.360	-1.8	103	0.00
10 M	1,1-Dichloroethene	20.000	19.761	1.2	102	0.00
11	Methyl Iodide	20.000	19.721	1.4	96	0.00
12	Methyl Acetate	20.000	20.774	-3.9	100	0.00
13 M	Acrolein	100.000	83.477	16.5	91	0.00
14 M	Acrylonitrile	100.000	98.982	1.0	98	0.00
15 M	Acetone	100.000	97.653	2.3	104	0.00
16 M	Carbon Disulfide	20.000	19.734	1.3	100	0.00
17	Allyl chloride	20.000	21.346	-6.7	101	0.00
18 M	Methylene Chloride	20.000	20.000	0.0	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.514	2.4	99	0.00
20 T	Diisopropyl ether	20.000	20.245	-1.2	101	0.00
21 M	1,1-Dichloroethane	20.000	20.157	-0.8	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.961	0.2	100	0.00
23 M	tert-Butyl Alcohol	100.000	97.810	2.2	94	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.156	-0.8	101	0.00
25 M	Chloroform	20.000	19.900	0.5	99	0.00
26	Cyclohexane	20.000	20.181	-0.9	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.967	0.1	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.120	4.4	100	0.00
30 M	2-Butanone	100.000	96.257	3.7	100	0.00
31	2,2-Dichloropropane	20.000	19.662	1.7	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.592	2.0	102	0.00
33 M	Carbon Tetrachloride	20.000	19.460	2.7	101	0.00
34 M	Benzene	20.000	19.473	2.6	100	0.00
35	Methacrylonitrile	20.000	20.938	-4.7	114	0.00
36 M	1,2-Dichloroethane	20.000	18.867	5.7	95	0.00
37 M	Trichloroethene	20.000	19.703	1.5	102	0.00
38	Methylcyclohexane	20.000	19.476	2.6	102	0.00
39 M	1,2-Dichloropropane	20.000	19.378	3.1	100	0.00
40	Dibromomethane	20.000	19.281	3.6	99	0.00
41 M	Bromodichloromethane	20.000	19.437	2.8	100	0.00
42 M	Vinyl Acetate	100.000	96.875	3.1	100	0.00
43	Ethyl Acetate	20.000	20.461	-2.3	103	0.00
44	Isopropyl Acetate	20.000	19.484	2.6	99	0.00
45 T	1,4-Dioxane	400.000	364.875	8.8	92	0.01
46	Methyl methacrylate	20.000	19.190	4.0	99	0.00
47	n-amyl Acetate	20.000	16.533	17.3	87	0.00
48 M	t-1,3-Dichloropropene	20.000	19.565	2.2	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.496	2.5	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.478	2.6	99	0.00
51	Ethyl methacrylate	20.000	19.328	3.4	98	0.00
52	1,3-Dichloropropane	20.000	19.494	2.5	100	0.00
53 M	Dibromochloromethane	20.000	19.754	1.2	100	0.00
54 M	1,2-Dibromoethane	20.000	19.350	3.2	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.402	13.6	84	0.00
56 M	Bromoform	20.000	19.024	4.9	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.218	-1.2	99	0.00
59 M	2-Hexanone	100.000	98.586	1.4	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.598	1.3	95	0.00
61 M	Tetrachloroethene	20.000	20.367	-1.8	100	0.00
62 M	Toluene	20.000	20.109	-0.5	100	0.00
63 S	Toluene-d8	30.000	30.441	-1.5	99	0.00
64 M	Chlorobenzene	20.000	20.185	-0.9	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.091	-0.5	100	0.00
66 M	Ethyl Benzene	20.000	20.020	-0.1	99	0.00
67 M	m/p-Xylenes	40.000	40.470	-1.2	100	0.00
68 M	o-Xylene	20.000	19.751	1.2	98	0.00
69 M	Styrene	20.000	20.065	-0.3	99	0.00
70	Isopropylbenzene	20.000	19.917	0.4	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.899	0.5	95	0.00
72	1,2,3-Trichloropropane	20.000	19.985	0.1	95	0.00
73	Bromobenzene	20.000	19.705	1.5	96	0.00
74	n-propylbenzene	20.000	20.188	-0.9	100	0.00
75	2-Chlorotoluene	20.000	19.937	0.3	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.116	-0.6	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.670	6.6	89	0.00
78	4-Chlorotoluene	20.000	20.129	-0.6	98	0.00
79	tert-butylbenzene	20.000	19.766	1.2	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.979	0.1	100	0.00
81	sec-Butylbenzene	20.000	20.102	-0.5	100	0.00
82	p-Isopropyltoluene	20.000	20.501	-2.5	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.082	-0.4	100	0.00
84 M	1,4-Dichlorobenzene	20.000	20.391	-2.0	100	0.00
85	n-Butylbenzene	20.000	20.685	-3.4	103	0.00
86 T	Hexachloroethane	20.000	19.707	1.5	97	0.00
87 M	1,2-Dichlorobenzene	20.000	20.833	-4.2	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.193	-6.0	101	0.00
89	1,2,4-Trichlorobenzene	20.000	20.642	-3.2	105	0.00
90	Hexachlorobutadiene	20.000	20.625	-3.1	106	0.00
91 M	Naphthalene	20.000	21.062	-5.3	105	0.00
92	1,2,3-Trichlorobenzene	20.000	20.872	-4.4	105	0.00

(#) = Out of Range

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