

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067869.D
 Acq On : 22 Jul 2021 18:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 24 07:14:30 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	20.665	-3.3	101	0.00
3 M	Chloromethane	20.000	20.501	-2.5	94	0.00
4 M	Vinyl Chloride	20.000	22.026	-10.1	101	0.00
5 M	Bromomethane	20.000	21.067	-5.3	94	0.00
6 M	Chloroethane	20.000	23.476	-17.4	103	0.00
7 M	Trichlorofluoromethane	20.000	22.796	-14.0	100	0.00
8 T	Diethyl Ether	20.000	21.370	-6.9	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.388	-11.9	105	0.00
10 M	1,1-Dichloroethene	20.000	22.051	-10.3	106	0.00
11	Methyl Iodide	20.000	19.807	1.0	102	0.00
12	Methyl Acetate	20.000	22.056	-10.3	108	0.00
13 M	Acrolein	100.000	106.197	-6.2	108	0.00
14 M	Acrylonitrile	100.000	104.800	-4.8	104	0.00
15 M	Acetone	100.000	108.568	-8.6	105	0.00
16 M	Carbon Disulfide	20.000	19.344	3.3	97	0.00
17	Allyl chloride	20.000	20.332	-1.7	98	0.00
18 M	Methylene Chloride	20.000	20.679	-3.4	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.009	-5.0	104	0.00
20 T	Diisopropyl ether	20.000	20.659	-3.3	102	0.00
21 M	1,1-Dichloroethane	20.000	21.563	-7.8	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.327	-1.6	103	0.00
23 M	tert-Butyl Alcohol	100.000	97.751	2.2	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.680	-3.4	101	0.00
25 M	Chloroform	20.000	21.397	-7.0	104	0.00
26	Cyclohexane	20.000	19.637	1.8	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.262	-7.5	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	20.077	-0.4	100	0.00
30 M	2-Butanone	100.000	98.130	1.9	100	0.00
31	2,2-Dichloropropane	20.000	19.833	0.8	101	0.00
32 M	1,1,1-Trichloroethane	20.000	20.677	-3.4	105	0.00
33 M	Carbon Tetrachloride	20.000	19.826	0.9	103	0.00
34 M	Benzene	20.000	20.430	-2.1	102	0.00
35	Methacrylonitrile	20.000	21.001	-5.0	117	0.00
36 M	1,2-Dichloroethane	20.000	20.722	-3.6	98	0.00
37 M	Trichloroethene	20.000	20.376	-1.9	103	0.00
38	Methylcyclohexane	20.000	18.685	6.6	94	0.00
39 M	1,2-Dichloropropane	20.000	20.493	-2.5	103	0.00
40	Dibromomethane	20.000	20.501	-2.5	103	0.00
41 M	Bromodichloromethane	20.000	20.578	-2.9	104	0.00
42 M	Vinyl Acetate	100.000	102.311	-2.3	112	0.00
43	Ethyl Acetate	20.000	19.985	0.1	105	0.00
44	Isopropyl Acetate	20.000	19.687	1.6	100	0.00
45 T	1,4-Dioxane	400.000	387.639	3.1	97	0.00
46	Methyl methacrylate	20.000	19.805	1.0	102	0.00
47	n-amyl Acetate	20.000	18.499	7.5	99	0.00
48 M	t-1,3-Dichloropropene	20.000	18.863	5.7	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.641	1.8	103	0.00
50 M	1,1,2-Trichloroethane	20.000	20.833	-4.2	108	0.00
51	Ethyl methacrylate	20.000	19.214	3.9	101	0.00
52	1,3-Dichloropropane	20.000	20.042	-0.2	101	0.00
53 M	Dibromochloromethane	20.000	18.993	5.0	105	0.00
54 M	1,2-Dibromoethane	20.000	19.810	1.0	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.329	14.7	96	0.00
56 M	Bromoform	20.000	16.752	16.2	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.680	-2.7	100	0.00
59 M	2-Hexanone	100.000	100.078	-0.1	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.480	1.7	86	0.00
61 M	Tetrachloroethene	20.000	21.731	-8.7	107	0.00
62 M	Toluene	20.000	20.235	-1.2	98	0.00
63 S	Toluene-d8	30.000	30.720	-2.4	88	0.00
64 M	Chlorobenzene	20.000	20.128	-0.6	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.240	-1.2	104	0.00
66 M	Ethyl Benzene	20.000	19.844	0.8	97	0.00
67 M	m/p-Xylenes	40.000	39.540	1.2	97	0.00
68 M	o-Xylene	20.000	19.774	1.1	98	0.00
69 M	Styrene	20.000	19.735	1.3	99	0.00
70	Isopropylbenzene	20.000	19.540	2.3	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.642	-3.2	101	0.00
72	1,2,3-Trichloropropane	20.000	21.592	-8.0	97	0.00
73	Bromobenzene	20.000	18.778	6.1	98	0.00
74	n-propylbenzene	20.000	20.028	-0.1	98	0.00
75	2-Chlorotoluene	20.000	20.345	-1.7	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.148	-0.7	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.028	9.9	100	0.00
78	4-Chlorotoluene	20.000	19.866	0.7	96	0.00
79	tert-butylbenzene	20.000	19.254	3.7	95	0.00
80	1,2,4-Trimethylbenzene	20.000	19.853	0.7	97	0.00
81	sec-Butylbenzene	20.000	19.448	2.8	94	0.00
82	p-Isopropyltoluene	20.000	18.729	6.4	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.870	5.6	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.601	7.0	95	0.00
85	n-Butylbenzene	20.000	18.503	7.5	93	0.00
86 T	Hexachloroethane	20.000	18.837	5.8	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.056	4.7	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.649	1.8	100	0.00
89	1,2,4-Trichlorobenzene	20.000	16.073	19.6	90	0.00
90	Hexachlorobutadiene	20.000	17.906	10.5	87	0.00
91 M	Naphthalene	20.000	14.972	25.1	88	0.00
92	1,2,3-Trichlorobenzene	20.000	16.656	16.7	94	0.00

(#) = Out of Range

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