

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071361.D
 Acq On : 17 Mar 2022 19:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 18 07:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	22.486	-12.4	99	0.00
3 M	Chloromethane	20.000	21.918	-9.6	97	0.00
4 M	Vinyl Chloride	20.000	21.654	-8.3	96	0.00
5 M	Bromomethane	20.000	19.971	0.1	82	0.00
6 M	Chloroethane	20.000	21.796	-9.0	95	0.00
7 M	Trichlorofluoromethane	20.000	22.342	-11.7	100	0.00
8 T	Diethyl Ether	20.000	21.661	-8.3	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.201	-11.0	100	0.00
10 M	1,1-Dichloroethene	20.000	21.505	-7.5	97	0.00
11	Methyl Iodide	20.000	14.367	28.2	67	0.00
12	Methyl Acetate	20.000	22.380	-11.9	102	0.00
13 M	Acrolein	100.000	101.189	-1.2	91	0.00
14 M	Acrylonitrile	100.000	111.158	-11.2	102	0.00
15 M	Acetone	100.000	111.817	-11.8	103	0.00
16 M	Carbon Disulfide	20.000	21.634	-8.2	101	0.00
17	Allyl chloride	20.000	21.781	-8.9	99	0.00
18 M	Methylene Chloride	20.000	21.741	-8.7	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	22.134	-10.7	101	0.00
20 T	Diisopropyl ether	20.000	22.494	-12.5	105	0.00
21 M	1,1-Dichloroethane	20.000	22.362	-11.8	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.556	-7.8	98	0.00
23 M	tert-Butyl Alcohol	100.000	106.915	-6.9	100	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.825	-9.1	100	0.00
25 M	Chloroform	20.000	21.969	-9.8	98	0.00
26	Cyclohexane	20.000	21.679	-8.4	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.592	1.4	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	22.305	-11.5	99	0.00
30 M	2-Butanone	100.000	113.730	-13.7	101	0.00
31	2,2-Dichloropropane	20.000	23.845	-19.2	104	0.00
32 M	1,1,1-Trichloroethane	20.000	22.467	-12.3	98	0.00
33 M	Carbon Tetrachloride	20.000	22.044	-10.2	97	0.00
34 M	Benzene	20.000	22.398	-12.0	98	0.00
35	Methacrylonitrile	20.000	23.579	-17.9	103	0.00
36 M	1,2-Dichloroethane	20.000	22.818	-14.1	100	0.00
37 M	Trichloroethene	20.000	22.288	-11.4	100	0.00
38	Methylcyclohexane	20.000	21.816	-9.1	99	0.00
39 M	1,2-Dichloropropane	20.000	22.422	-12.1	98	0.00
40	Dibromomethane	20.000	22.131	-10.7	97	0.00
41 M	Bromodichloromethane	20.000	22.328	-11.6	99	0.00
42 M	Vinyl Acetate	100.000	112.865	-12.9	100	0.00
43	Ethyl Acetate	20.000	23.791	-19.0	105	0.00
44	Isopropyl Acetate	20.000	23.030	-15.2	104	0.00
45 T	1,4-Dioxane	400.000	458.177	-14.5	100	0.00
46	Methyl methacrylate	20.000	21.544	-7.7	102	0.00
47	n-amyl Acetate	20.000	21.866	-9.3	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

48 M	t-1,3-Dichloropropene	20.000	21.447	-7.2	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	22.105	-10.5	100	0.00
50 M	1,1,2-Trichloroethane	20.000	22.386	-11.9	100	0.00
51	Ethyl methacrylate	20.000	21.687	-8.4	100	0.00
52	1,3-Dichloropropane	20.000	22.392	-12.0	99	0.00
53 M	Dibromochloromethane	20.000	21.760	-8.8	98	0.00
54 M	1,2-Dibromoethane	20.000	21.682	-8.4	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	144.182	-44.2#	144	0.00
56 M	Bromoform	20.000	20.781	-3.9	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	118.067	-18.1	102	0.00
59 M	2-Hexanone	100.000	116.895	-16.9	103	0.00
60 S	4-Bromofluorobenzene	30.000	30.020	-0.1	89	0.00
61 M	Tetrachloroethene	20.000	23.549	-17.7	104	0.00
62 M	Toluene	20.000	22.672	-13.4	98	0.00
63 S	Toluene-d8	30.000	30.623	-2.1	88	0.00
64 M	Chlorobenzene	20.000	22.044	-10.2	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.534	-12.7	98	0.00
66 M	Ethyl Benzene	20.000	22.151	-10.8	98	0.00
67 M	m/p-Xylenes	40.000	45.513	-13.8	101	0.00
68 M	o-Xylene	20.000	22.330	-11.6	98	0.00
69 M	Styrene	20.000	22.234	-11.2	101	0.00
70	Isopropylbenzene	20.000	22.745	-13.7	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.137	-15.7	100	0.00
72	1,2,3-Trichloropropane	20.000	20.825	-4.1	101	0.00
73	Bromobenzene	20.000	22.447	-12.2	101	0.00
74	n-propylbenzene	20.000	22.570	-12.9	102	0.00
75	2-Chlorotoluene	20.000	22.893	-14.5	102	0.00
76	1,3,5-Trimethylbenzene	20.000	22.707	-13.5	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.469	-7.3	101	0.00
78	4-Chlorotoluene	20.000	22.125	-10.6	102	0.00
79	tert-butylbenzene	20.000	22.103	-10.5	98	0.00
80	1,2,4-Trimethylbenzene	20.000	23.002	-15.0	100	0.00
81	sec-Butylbenzene	20.000	22.394	-12.0	103	0.00
82	p-Isopropyltoluene	20.000	22.326	-11.6	102	0.00
83 M	1,3-Dichlorobenzene	20.000	22.957	-14.8	104	0.00
84 M	1,4-Dichlorobenzene	20.000	22.393	-12.0	103	0.00
85	n-Butylbenzene	20.000	22.244	-11.2	109	0.00
86 T	Hexachloroethane	20.000	21.182	-5.9	99	0.00
87 M	1,2-Dichlorobenzene	20.000	23.352	-16.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.879	-19.4	108	0.00
89	1,2,4-Trichlorobenzene	20.000	22.663	-13.3	109	0.00
90	Hexachlorobutadiene	20.000	24.566	-22.8	110	0.00
91 M	Naphthalene	20.000	21.877	-9.4	112	0.00
92	1,2,3-Trichlorobenzene	20.000	22.156	-10.8	106	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range	SPCC's out = 0 CCC's out = 0				