

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072533.D
 Acq On : 17 May 2022 17:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 18 07:27:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 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	112	0.00
2 M	Dichlorodifluoromethane	20.000	18.284	8.6	96	0.00
3 M	Chloromethane	20.000	18.937	5.3	101	0.00
4 M	Vinyl Chloride	20.000	17.554	12.2	93	0.00
5 M	Bromomethane	20.000	17.862	10.7	110	-0.01
6 M	Chloroethane	20.000	18.265	8.7	99	-0.01
7 M	Trichlorofluoromethane	20.000	17.576	12.1	91	-0.01
8 T	Diethyl Ether	20.000	19.655	1.7	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.344	8.3	95	-0.01
10 M	1,1-Dichloroethene	20.000	18.629	6.9	101	0.00
11	Methyl Iodide	20.000	18.671	6.6	102	0.00
12	Methyl Acetate	20.000	17.430	12.9	91	0.00
13 M	Acrolein	100.000	107.099	-7.1	116	0.00
14 M	Acrylonitrile	100.000	86.564	13.4	95	0.00
15 M	Acetone	100.000	83.291	16.7	90	0.01
16 M	Carbon Disulfide	20.000	18.046	9.8	97	0.00
17	Allyl chloride	20.000	17.600	12.0	96	0.00
18 M	Methylene Chloride	20.000	20.099	-0.5	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.949	5.3	102	0.00
20 T	Diisopropyl ether	20.000	19.490	2.6	105	0.00
21 M	1,1-Dichloroethane	20.000	18.438	7.8	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.162	4.2	104	0.00
23 M	tert-Butyl Alcohol	100.000	53.742	46.3#	60	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.781	6.1	101	0.00
25 M	Chloroform	20.000	18.647	6.8	99	0.00
26	Cyclohexane	20.000	18.662	6.7	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.009	6.6	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	18.484	7.6	99	0.00
30 M	2-Butanone	100.000	82.570	17.4	86	0.00
31	2,2-Dichloropropane	20.000	18.273	8.6	100	0.00
32 M	1,1,1-Trichloroethane	20.000	18.296	8.5	97	0.00
33 M	Carbon Tetrachloride	20.000	17.928	10.4	92	0.00
34 M	Benzene	20.000	19.547	2.3	102	0.00
35	Methacrylonitrile	20.000	18.684	6.6	102	0.00
36 M	1,2-Dichloroethane	20.000	18.495	7.5	95	0.00
37 M	Trichloroethene	20.000	19.165	4.2	101	0.00
38	Methylcyclohexane	20.000	19.072	4.6	101	0.00
39 M	1,2-Dichloropropane	20.000	19.970	0.2	102	0.00
40	Dibromomethane	20.000	19.107	4.5	99	0.00
41 M	Bromodichloromethane	20.000	18.657	6.7	100	0.00
42 M	Vinyl Acetate	100.000	96.995	3.0	101	0.00
43	Ethyl Acetate	20.000	18.079	9.6	98	0.00
44	Isopropyl Acetate	20.000	18.366	8.2	97	0.00
45 T	1,4-Dioxane	400.000	165.000	58.8#	42	0.00
46	Methyl methacrylate	20.000	18.623	6.9	107	0.00
47	n-amyl Acetate	20.000	16.074	19.6	91	0.00
48 M	t-1,3-Dichloropropene	20.000	16.156	19.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.101	4.5	102	0.00
50 M	1,1,2-Trichloroethane	20.000	17.209	14.0	92	0.00
51	Ethyl methacrylate	20.000	16.345	18.3	89	0.00
52	1,3-Dichloropropane	20.000	16.929	15.4	89	0.00
53 M	Dibromochloromethane	20.000	16.465	17.7	86	0.00
54 M	1,2-Dibromoethane	20.000	17.265	13.7	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.098	-10.1	131	0.00
56 M	Bromoform	20.000	15.762	21.2	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.532	-2.5	93	0.00
59 M	2-Hexanone	100.000	85.203	14.8	78	0.00
60 S	4-Bromofluorobenzene	30.000	31.633	-5.4	100	0.00
61 M	Tetrachloroethene	20.000	19.931	0.3	89	0.00
62 M	Toluene	20.000	22.285	-11.4	102	0.00
63 S	Toluene-d8	30.000	34.353	-14.5	104	0.00
64 M	Chlorobenzene	20.000	19.071	4.6	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.271	3.6	87	0.00
66 M	Ethyl Benzene	20.000	18.843	5.8	87	0.00
67 M	m/p-Xylenes	40.000	39.371	1.6	91	0.00
68 M	o-Xylene	20.000	19.135	4.3	89	0.00
69 M	Styrene	20.000	19.251	3.7	91	0.00
70	Isopropylbenzene	20.000	20.959	-4.8	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.462	-7.3	96	0.00
72	1,2,3-Trichloropropane	20.000	17.700	11.5	78	0.00
73	Bromobenzene	20.000	20.590	-2.9	98	0.00
74	n-propylbenzene	20.000	20.799	-4.0	100	0.00
75	2-Chlorotoluene	20.000	20.863	-4.3	96	0.00
76	1,3,5-Trimethylbenzene	20.000	21.161	-5.8	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.444	2.8	101	0.00
78	4-Chlorotoluene	20.000	21.806	-9.0	105	0.00
79	tert-butylbenzene	20.000	21.267	-6.3	100	0.00
80	1,2,4-Trimethylbenzene	20.000	22.168	-10.8	104	0.00
81	sec-Butylbenzene	20.000	21.823	-9.1	105	0.00
82	p-Isopropyltoluene	20.000	22.043	-10.2	106	0.00
83 M	1,3-Dichlorobenzene	20.000	22.719	-13.6	110	0.00
84 M	1,4-Dichlorobenzene	20.000	22.116	-10.6	108	0.00
85	n-Butylbenzene	20.000	21.454	-7.3	112	0.00
86 T	Hexachloroethane	20.000	20.950	-4.7	105	0.00
87 M	1,2-Dichlorobenzene	20.000	22.521	-12.6	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.267	8.7	87	0.00
89	1,2,4-Trichlorobenzene	20.000	21.250	-6.3	114	0.00
90	Hexachlorobutadiene	20.000	21.819	-9.1	100	0.00
91 M	Naphthalene	20.000	20.757	-3.8	105	0.00
92	1,2,3-Trichlorobenzene	20.000	21.207	-6.0	110	0.00

(#) = Out of Range

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