

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067048.D
 Acq On : 7 May 2021 13:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 07 18:46:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	21.844	-9.2	119	0.00
3 M	Chloromethane	20.000	19.578	2.1	114	0.00
4 M	Vinyl Chloride	20.000	19.889	0.6	116	0.00
5 M	Bromomethane	20.000	19.797	1.0	117	0.04
6 M	Chloroethane	20.000	19.943	0.3	118	0.02
7 M	Trichlorofluoromethane	20.000	19.726	1.4	114	0.01
8 T	Diethyl Ether	20.000	19.096	4.5	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.893	0.5	115	0.00
10 M	1,1-Dichloroethene	20.000	20.271	-1.4	120	0.01
11	Methyl Iodide	20.000	14.122	29.4	83	0.00
12	Methyl Acetate	20.000	16.241	18.8	98	0.00
13 M	Acrolein	100.000	117.154	-17.2	144	0.00
14 M	Acrylonitrile	100.000	85.969	14.0	101	0.00
15 M	Acetone	100.000	104.523	-4.5	124	0.00
16 M	Carbon Disulfide	20.000	19.996	0.0	116	0.00
17	Allyl chloride	20.000	19.570	2.1	125	0.00
18 M	Methylene Chloride	20.000	18.247	8.8	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.011	-0.1	118	0.00
20 T	Diisopropyl ether	20.000	19.494	2.5	113	0.00
21 M	1,1-Dichloroethane	20.000	19.395	3.0	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.590	2.1	115	0.00
23 M	tert-Butyl Alcohol	100.000	74.301	25.7	92	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.222	3.9	113	0.00
25 M	Chloroform	20.000	19.218	3.9	115	0.00
26	Cyclohexane	20.000	20.436	-2.2	121	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.200	2.7	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	20.246	-1.2	122	0.00
30 M	2-Butanone	100.000	86.416	13.6	106	0.00
31	2,2-Dichloropropane	20.000	21.139	-5.7	130	0.00
32 M	1,1,1-Trichloroethane	20.000	18.530	7.3	113	0.00
33 M	Carbon Tetrachloride	20.000	18.733	6.3	114	0.00
34 M	Benzene	20.000	18.822	5.9	114	0.00
35	Methacrylonitrile	20.000	16.687	16.6	103	0.00
36 M	1,2-Dichloroethane	20.000	18.392	8.0	111	0.00
37 M	Trichloroethene	20.000	19.673	1.6	120	0.00
38	Methylcyclohexane	20.000	20.785	-3.9	130	0.00
39 M	1,2-Dichloropropane	20.000	18.527	7.4	111	0.00
40	Dibromomethane	20.000	17.704	11.5	109	0.00
41 M	Bromodichloromethane	20.000	18.376	8.1	114	0.00
42 M	Vinyl Acetate	100.000	92.191	7.8	111	0.00
43	Ethyl Acetate	20.000	16.172	19.1	94	0.00
44	Isopropyl Acetate	20.000	17.301	13.5	107	0.00
45 T	1,4-Dioxane	400.000	269.911	32.5#	85	0.00
46	Methyl methacrylate	20.000	16.886	15.6	107	0.00
47	n-amyl Acetate	20.000	0.000	100.0#	0	-11.79#
48 M	t-1,3-Dichloropropene	20.000	19.155	4.2	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.497	2.5	119	0.00
50 M	1,1,2-Trichloroethane	20.000	17.904	10.5	109	0.00
51	Ethyl methacrylate	20.000	17.591	12.0	111	0.00
52	1,3-Dichloropropane	20.000	18.260	8.7	112	0.00
53 M	Dibromochloromethane	20.000	18.150	9.3	111	0.00
54 M	1,2-Dibromoethane	20.000	17.699	11.5	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	120.072	-20.1	156	0.00
56 M	Bromoform	20.000	16.913	15.4	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.307	11.7	103	0.00
59 M	2-Hexanone	100.000	87.946	12.1	104	0.00
60 S	4-Bromofluorobenzene	30.000	30.648	-2.2	109	0.00
61 M	Tetrachloroethene	20.000	20.499	-2.5	120	0.00
62 M	Toluene	20.000	19.555	2.2	116	0.00
63 S	Toluene-d8	30.000	30.406	-1.4	108	0.00
64 M	Chlorobenzene	20.000	19.339	3.3	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.720	6.4	112	0.00
66 M	Ethyl Benzene	20.000	20.250	-1.3	119	0.00
67 M	m/p-Xylenes	40.000	40.555	-1.4	120	0.00
68 M	o-Xylene	20.000	19.132	4.3	115	0.00
69 M	Styrene	20.000	20.346	-1.7	121	0.00
70	Isopropylbenzene	20.000	20.112	-0.6	120	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.184	14.1	97	0.00
72	1,2,3-Trichloropropane	20.000	17.994	10.0	103	0.00
73	Bromobenzene	20.000	19.035	4.8	112	0.00
74	n-propylbenzene	20.000	21.557	-7.8	127	0.00
75	2-Chlorotoluene	20.000	20.344	-1.7	116	0.00
76	1,3,5-Trimethylbenzene	20.000	20.347	-1.7	119	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.415	12.9	109	0.00
78	4-Chlorotoluene	20.000	22.475	-12.4	124	0.00
79	tert-butylbenzene	20.000	19.906	0.5	118	0.00
80	1,2,4-Trimethylbenzene	20.000	20.592	-3.0	121	0.00
81	sec-Butylbenzene	20.000	20.996	-5.0	126	0.00
82	p-Isopropyltoluene	20.000	22.250	-11.3	134	0.00
83 M	1,3-Dichlorobenzene	20.000	21.487	-7.4	129	0.00
84 M	1,4-Dichlorobenzene	20.000	19.321	3.4	128	0.00
85	n-Butylbenzene	20.000	23.280	-16.4	151	0.00
86 T	Hexachloroethane	20.000	17.932	10.3	109	0.00
87 M	1,2-Dichlorobenzene	20.000	20.473	-2.4	121	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.967	25.2	109	0.00
89	1,2,4-Trichlorobenzene	20.000	23.307	-16.5	150	0.00
90	Hexachlorobutadiene	20.000	21.683	-8.4	136	0.00
91 M	Naphthalene	20.000	21.220	-6.1	134	0.00
92	1,2,3-Trichlorobenzene	20.000	21.756	-8.8	135	0.00

(#) = Out of Range

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