

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068810.D
 Acq On : 5 Oct 2021 18:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 06 01:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 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	116	0.00
2 M	Dichlorodifluoromethane	20.000	17.030	14.8	91	0.00
3 M	Chloromethane	20.000	18.687	6.6	101	0.00
4 M	Vinyl Chloride	20.000	19.155	4.2	106	0.00
5 M	Bromomethane	20.000	19.123	4.4	112	0.00
6 M	Chloroethane	20.000	20.685	-3.4	112	0.00
7 M	Trichlorofluoromethane	20.000	19.905	0.5	107	0.00
8 T	Diethyl Ether	20.000	21.069	-5.3	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.907	5.5	103	0.00
10 M	1,1-Dichloroethene	20.000	18.907	5.5	104	0.00
11	Methyl Iodide	20.000	21.040	-5.2	120	0.00
12	Methyl Acetate	20.000	20.704	-3.5	113	0.00
13 M	Acrolein	100.000	71.183	28.8	80	0.00
14 M	Acrylonitrile	100.000	103.901	-3.9	118	0.00
15 M	Acetone	100.000	93.465	6.5	95	0.00
16 M	Carbon Disulfide	20.000	17.690	11.5	97	0.00
17	Allyl chloride	20.000	18.965	5.2	104	0.00
18 M	Methylene Chloride	20.000	19.754	1.2	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.016	4.9	106	0.00
20 T	Diisopropyl ether	20.000	20.554	-2.8	115	0.00
21 M	1,1-Dichloroethane	20.000	19.993	0.0	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.892	0.5	115	0.00
23 M	tert-Butyl Alcohol	100.000	106.210	-6.2	118	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.264	-1.3	115	0.00
25 M	Chloroform	20.000	20.338	-1.7	115	0.00
26	Cyclohexane	20.000	18.484	7.6	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.460	-8.2	118	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	18.532	7.3	109	0.00
30 M	2-Butanone	100.000	100.286	-0.3	113	0.00
31	2,2-Dichloropropane	20.000	17.827	10.9	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.624	1.9	113	0.00
33 M	Carbon Tetrachloride	20.000	19.373	3.1	114	0.00
34 M	Benzene	20.000	19.614	1.9	113	0.00
35	Methacrylonitrile	20.000	20.336	-1.7	113	0.00
36 M	1,2-Dichloroethane	20.000	21.190	-6.0	121	0.00
37 M	Trichloroethene	20.000	19.244	3.8	110	0.00
38	Methylcyclohexane	20.000	17.199	14.0	101	0.00
39 M	1,2-Dichloropropane	20.000	20.316	-1.6	116	0.00
40	Dibromomethane	20.000	20.262	-1.3	119	0.00
41 M	Bromodichloromethane	20.000	20.440	-2.2	121	0.00
42 M	Vinyl Acetate	100.000	99.526	0.5	116	0.00
43	Ethyl Acetate	20.000	20.785	-3.9	128	0.00
44	Isopropyl Acetate	20.000	20.389	-1.9	118	0.00
45 T	1,4-Dioxane	400.000	436.598	-9.1	124	0.00
46	Methyl methacrylate	20.000	19.711	1.4	121	0.00
47	n-amyl Acetate	20.000	19.368	3.2	117	0.00
48 M	t-1,3-Dichloropropene	20.000	19.008	5.0	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.126	4.4	113	0.00
50 M	1,1,2-Trichloroethane	20.000	20.530	-2.7	120	0.00
51	Ethyl methacrylate	20.000	19.583	2.1	119	0.00
52	1,3-Dichloropropane	20.000	20.494	-2.5	120	0.00
53 M	Dibromochloromethane	20.000	19.466	2.7	119	0.00
54 M	1,2-Dibromoethane	20.000	19.841	0.8	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	71.393	28.6	90	0.00
56 M	Bromoform	20.000	18.787	6.1	119	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	113	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.894	-4.9	123	0.00
59 M	2-Hexanone	100.000	101.597	-1.6	115	0.00
60 S	4-Bromofluorobenzene	30.000	28.542	4.9	115	0.00
61 M	Tetrachloroethene	20.000	19.206	4.0	112	0.00
62 M	Toluene	20.000	19.540	2.3	113	0.00
63 S	Toluene-d8	30.000	31.019	-3.4	116	0.00
64 M	Chlorobenzene	20.000	19.180	4.1	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.779	1.1	117	0.00
66 M	Ethyl Benzene	20.000	18.903	5.5	112	0.00
67 M	m/p-Xylenes	40.000	38.072	4.8	114	0.00
68 M	o-Xylene	20.000	18.922	5.4	115	0.00
69 M	Styrene	20.000	18.775	6.1	116	0.00
70	Isopropylbenzene	20.000	18.714	6.4	113	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.782	-3.9	122	0.00
72	1,2,3-Trichloropropane	20.000	20.761	-3.8	118	0.00
73	Bromobenzene	20.000	18.757	6.2	116	0.00
74	n-propylbenzene	20.000	18.543	7.3	112	0.00
75	2-Chlorotoluene	20.000	19.051	4.7	116	0.00
76	1,3,5-Trimethylbenzene	20.000	18.942	5.3	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.746	11.3	111	0.00
78	4-Chlorotoluene	20.000	18.222	8.9	111	0.00
79	tert-butylbenzene	20.000	18.779	6.1	115	0.00
80	1,2,4-Trimethylbenzene	20.000	18.900	5.5	114	0.00
81	sec-Butylbenzene	20.000	18.387	8.1	113	0.00
82	p-Isopropyltoluene	20.000	17.876	10.6	112	0.00
83 M	1,3-Dichlorobenzene	20.000	18.154	9.2	114	0.00
84 M	1,4-Dichlorobenzene	20.000	18.060	9.7	111	0.00
85	n-Butylbenzene	20.000	17.061	14.7	107	0.00
86 T	Hexachloroethane	20.000	18.509	7.5	116	0.00
87 M	1,2-Dichlorobenzene	20.000	19.443	2.8	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.309	-1.5	115	0.00
89	1,2,4-Trichlorobenzene	20.000	16.458	17.7	100	0.00
90	Hexachlorobutadiene	20.000	18.125	9.4	107	0.00
91 M	Naphthalene	20.000	15.985	20.1	87	0.00
92	1,2,3-Trichlorobenzene	20.000	17.251	13.7	99	0.00

(#) = Out of Range

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