

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071320\
 Data File : VN062512.D
 Acq On : 13 Jul 2020 12:48
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Quant Time: Jul 14 01:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	20.872	-4.4	115	0.00
3 M	Chloromethane	20.000	20.809	-4.0	117	0.00
4 M	Vinyl Chloride	20.000	20.936	-4.7	117	0.00
5 M	Bromomethane	20.000	20.558	-2.8	121	0.00
6 M	Chloroethane	20.000	20.934	-4.7	114	0.00
7 M	Trichlorofluoromethane	20.000	21.290	-6.4	114	0.00
8 T	Diethyl Ether	20.000	20.614	-3.1	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.575	-2.9	114	0.00
10 M	1,1-Dichloroethene	20.000	20.389	-1.9	113	0.00
11	Methyl Iodide	20.000	18.695	6.5	107	0.00
12	Methyl Acetate	20.000	20.161	-0.8	113	0.00
13 M	Acrolein	100.000	97.450	2.5	105	0.00
14 M	Acrylonitrile	100.000	100.963	-1.0	113	0.00
15 M	Acetone	100.000	97.523	2.5	92	0.00
16 M	Carbon Disulfide	20.000	20.389	-1.9	115	0.00
17	Allyl chloride	20.000	20.890	-4.5	111	0.00
18 M	Methylene Chloride	20.000	20.338	-1.7	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.141	-0.7	113	0.00
20 T	Diisopropyl ether	20.000	20.577	-2.9	112	0.00
21 M	1,1-Dichloroethane	20.000	20.644	-3.2	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.586	-2.9	114	0.00
23 M	tert-Butyl Alcohol	100.000	98.218	1.8	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.315	-1.6	113	0.00
25 M	Chloroform	20.000	20.748	-3.7	115	0.00
26	Cyclohexane	20.000	20.630	-3.1	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.516	1.6	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	20.849	-4.2	117	0.00
30 M	2-Butanone	100.000	99.652	0.3	103	0.00
31	2,2-Dichloropropane	20.000	20.276	-1.4	111	0.00
32 M	1,1,1-Trichloroethane	20.000	20.396	-2.0	113	0.00
33 M	Carbon Tetrachloride	20.000	20.423	-2.1	114	0.00
34 M	Benzene	20.000	20.685	-3.4	115	0.00
35	Methacrylonitrile	20.000	21.357	-6.8	114	0.00
36 M	1,2-Dichloroethane	20.000	20.069	-0.3	112	0.00
37 M	Trichloroethene	20.000	20.480	-2.4	114	0.00
38	Methylcyclohexane	20.000	20.366	-1.8	116	0.00
39 M	1,2-Dichloropropane	20.000	20.447	-2.2	113	0.00
40	Dibromomethane	20.000	20.547	-2.7	113	0.00
41 M	Bromodichloromethane	20.000	19.952	0.2	111	0.00
42 M	Vinyl Acetate	100.000	103.178	-3.2	113	0.00
43	Ethyl Acetate	20.000	19.668	1.7	109	0.00
44	Isopropyl Acetate	20.000	19.751	1.2	111	0.00
45 T	1,4-Dioxane	400.000	398.135	0.5	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.135	-0.7	112	0.00
47	n-amyl Acetate	20.000	19.971	0.1	115	0.00
48 M	t-1,3-Dichloropropene	20.000	19.983	0.1	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.132	-0.7	113	0.00
50 M	1,1,2-Trichloroethane	20.000	20.615	-3.1	113	0.00
51	Ethyl methacrylate	20.000	20.314	-1.6	115	0.00
52	1,3-Dichloropropane	20.000	20.480	-2.4	113	0.00
53 M	Dibromochloromethane	20.000	20.245	-1.2	112	0.00
54 M	1,2-Dibromoethane	20.000	20.024	-0.1	114	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.657	12.3	101	0.00
56 M	Bromoform	20.000	19.760	1.2	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.312	-4.3	111	0.00
59 M	2-Hexanone	100.000	102.966	-3.0	109	0.00
60 S	4-Bromofluorobenzene	30.000	29.887	0.4	112	0.00
61 M	Tetrachloroethene	20.000	21.178	-5.9	115	0.00
62 M	Toluene	20.000	21.002	-5.0	113	0.00
63 S	Toluene-d8	30.000	30.287	-1.0	109	0.00
64 M	Chlorobenzene	20.000	20.901	-4.5	117	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.615	-3.1	113	0.00
66 M	Ethyl Benzene	20.000	20.699	-3.5	115	0.00
67 M	m/p-Xylenes	40.000	41.431	-3.6	116	0.00
68 M	o-Xylene	20.000	20.630	-3.1	115	0.00
69 M	Styrene	20.000	20.297	-1.5	114	0.00
70	Isopropylbenzene	20.000	20.931	-4.7	116	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.047	-5.2	116	0.00
72	1,2,3-Trichloropropane	20.000	20.116	-0.6	111	0.00
73	Bromobenzene	20.000	20.661	-3.3	116	0.00
74	n-propylbenzene	20.000	20.504	-2.5	116	0.00
75	2-Chlorotoluene	20.000	20.535	-2.7	115	0.00
76	1,3,5-Trimethylbenzene	20.000	20.265	-1.3	116	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.683	1.6	112	0.00
78	4-Chlorotoluene	20.000	20.175	-0.9	114	0.00
79	tert-butylbenzene	20.000	20.423	-2.1	115	0.00
80	1,2,4-Trimethylbenzene	20.000	19.842	0.8	112	0.00
81	sec-Butylbenzene	20.000	20.252	-1.3	116	0.00
82	p-Isopropyltoluene	20.000	19.918	0.4	115	0.00
83 M	1,3-Dichlorobenzene	20.000	20.216	-1.1	116	0.00
84 M	1,4-Dichlorobenzene	20.000	19.653	1.7	115	0.00
85	n-Butylbenzene	20.000	18.903	5.5	115	0.00
86 T	Hexachloroethane	20.000	19.869	0.7	114	0.00
87 M	1,2-Dichlorobenzene	20.000	20.455	-2.3	116	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.809	1.0	110	0.00
89	1,2,4-Trichlorobenzene	20.000	18.676	6.6	115	0.00
90	Hexachlorobutadiene	20.000	20.884	-4.4	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.416	2.9	119	0.00
92	1,2,3-Trichlorobenzene	20.000	19.197	4.0	115	0.00

(#) = Out of Range

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