

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102020\
 Data File : VN064195.D
 Acq On : 20 Oct 2020 13:35
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102020

Quant Time: Oct 21 06:00:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	23.483	-17.4	124	0.00
3 M	Chloromethane	20.000	22.250	-11.3	120	0.00
4 M	Vinyl Chloride	20.000	21.496	-7.5	115	0.00
5 M	Bromomethane	20.000	22.494	-12.5	125	0.00
6 M	Chloroethane	20.000	21.051	-5.3	114	0.00
7 M	Trichlorofluoromethane	20.000	22.642	-13.2	117	0.00
8 T	Diethyl Ether	20.000	20.679	-3.4	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.250	-6.3	115	0.00
10 M	1,1-Dichloroethene	20.000	21.220	-6.1	118	0.00
11	Methyl Iodide	20.000	20.638	-3.2	119	0.00
12	Methyl Acetate	20.000	21.480	-7.4	123	0.00
13 M	Acrolein	100.000	95.554	4.4	126	0.00
14 M	Acrylonitrile	100.000	103.505	-3.5	120	0.00
15 M	Acetone	100.000	104.199	-4.2	126	0.00
16 M	Carbon Disulfide	20.000	21.182	-5.9	118	0.00
17	Allyl chloride	20.000	20.555	-2.8	116	0.00
18 M	Methylene Chloride	20.000	20.563	-2.8	119	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.092	-5.5	118	0.00
20 T	Diisopropyl ether	20.000	20.861	-4.3	117	0.00
21 M	1,1-Dichloroethane	20.000	20.846	-4.2	117	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.097	-5.5	117	0.00
23 M	tert-Butyl Alcohol	100.000	103.282	-3.3	125	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.063	-5.3	117	0.00
25 M	Chloroform	20.000	20.811	-4.1	117	0.00
26	Cyclohexane	20.000	21.115	-5.6	121	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.483	-1.6	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	20.748	-3.7	116	0.00
30 M	2-Butanone	100.000	101.872	-1.9	122	0.00
31	2,2-Dichloropropane	20.000	20.883	-4.4	117	0.00
32 M	1,1,1-Trichloroethane	20.000	20.912	-4.6	119	0.00
33 M	Carbon Tetrachloride	20.000	20.620	-3.1	117	0.00
34 M	Benzene	20.000	20.626	-3.1	119	0.00
35	Methacrylonitrile	20.000	22.317	-11.6	136	0.00
36 M	1,2-Dichloroethane	20.000	20.835	-4.2	119	0.00
37 M	Trichloroethene	20.000	20.906	-4.5	121	0.00
38	Methylcyclohexane	20.000	20.890	-4.5	122	0.00
39 M	1,2-Dichloropropane	20.000	20.933	-4.7	120	0.00
40	Dibromomethane	20.000	19.678	1.6	115	0.00
41 M	Bromodichloromethane	20.000	20.764	-3.8	120	0.00
42 M	Vinyl Acetate	100.000	102.781	-2.8	119	0.00
43	Ethyl Acetate	20.000	18.047	9.8	106	0.00
44	Isopropyl Acetate	20.000	20.723	-3.6	120	0.00
45 T	1,4-Dioxane	400.000	399.219	0.2	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.237	-1.2	116	0.00
47	n-amyl Acetate	20.000	19.638	1.8	120	0.00
48 M	t-1,3-Dichloropropene	20.000	20.592	-3.0	120	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.385	-1.9	120	0.00
50 M	1,1,2-Trichloroethane	20.000	20.033	-0.2	115	0.00
51	Ethyl methacrylate	20.000	20.098	-0.5	118	0.00
52	1,3-Dichloropropane	20.000	20.231	-1.2	118	0.00
53 M	Dibromochloromethane	20.000	19.952	0.2	116	0.00
54 M	1,2-Dibromoethane	20.000	20.370	-1.9	118	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.897	6.1	105	0.00
56 M	Bromoform	20.000	19.584	2.1	116	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.052	-0.1	118	0.00
59 M	2-Hexanone	100.000	100.967	-1.0	120	0.00
60 S	4-Bromofluorobenzene	30.000	29.268	2.4	98	0.00
61 M	Tetrachloroethene	20.000	21.006	-5.0	122	0.00
62 M	Toluene	20.000	20.526	-2.6	119	0.00
63 S	Toluene-d8	30.000	29.197	2.7	98	0.00
64 M	Chlorobenzene	20.000	20.981	-4.9	122	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.972	-4.9	123	0.00
66 M	Ethyl Benzene	20.000	20.590	-2.9	118	0.00
67 M	m/p-Xylenes	40.000	40.584	-1.5	119	0.00
68 M	o-Xylene	20.000	20.806	-4.0	125	0.00
69 M	Styrene	20.000	20.113	-0.6	119	0.00
70	Isopropylbenzene	20.000	20.483	-2.4	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.850	0.7	118	0.00
72	1,2,3-Trichloropropane	20.000	18.349	8.3	111	0.00
73	Bromobenzene	20.000	20.110	-0.5	115	0.00
74	n-propylbenzene	20.000	20.544	-2.7	120	0.00
75	2-Chlorotoluene	20.000	20.063	-0.3	118	0.00
76	1,3,5-Trimethylbenzene	20.000	20.365	-1.8	120	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.323	3.4	116	0.00
78	4-Chlorotoluene	20.000	20.333	-1.7	121	0.00
79	tert-butylbenzene	20.000	20.480	-2.4	120	0.00
80	1,2,4-Trimethylbenzene	20.000	19.933	0.3	116	0.00
81	sec-Butylbenzene	20.000	20.540	-2.7	119	0.00
82	p-Isopropyltoluene	20.000	20.504	-2.5	119	0.00
83 M	1,3-Dichlorobenzene	20.000	19.837	0.8	119	0.00
84 M	1,4-Dichlorobenzene	20.000	20.177	-0.9	118	0.00
85	n-Butylbenzene	20.000	20.817	-4.1	124	0.00
86 T	Hexachloroethane	20.000	20.424	-2.1	119	0.00
87 M	1,2-Dichlorobenzene	20.000	20.051	-0.3	122	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.233	3.8	118	0.00
89	1,2,4-Trichlorobenzene	20.000	19.825	0.9	115	0.00
90	Hexachlorobutadiene	20.000	21.827	-9.1	128	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.292	3.5	117	0.00
92	1,2,3-Trichlorobenzene	20.000	19.946	0.3	119	0.00

(#) = Out of Range

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