

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060619\
 Data File : VN056020.D
 Acq On : 5 Jun 2019 21:23
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060619

Quant Time: Jun 06 04:18:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	21.210	-6.1	97	0.00
3 M	Chloromethane	20.000	21.381	-6.9	104	0.00
4 M	Vinyl Chloride	20.000	20.928	-4.6	99	0.00
5 M	Bromomethane	20.000	22.318	-11.6	102	0.00
6 M	Chloroethane	20.000	21.097	-5.5	97	0.00
7 M	Trichlorofluoromethane	20.000	20.374	-1.9	97	0.00
8 T	Diethyl Ether	20.000	20.505	-2.5	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.284	-1.4	97	0.00
10 M	1,1-Dichloroethene	20.000	20.788	-3.9	100	0.00
11	Methyl Iodide	20.000	18.446	7.8	92	0.00
12	Methyl Acetate	20.000	20.447	-2.2	100	0.00
13 M	Acrolein	100.000	110.076	-10.1	111	0.00
14 M	Acrylonitrile	100.000	102.988	-3.0	100	0.00
15 M	Acetone	100.000	96.601	3.4	87	0.00
16 M	Carbon Disulfide	20.000	20.429	-2.1	106	0.00
17	Allyl chloride	20.000	20.218	-1.1	101	0.00
18 M	Methylene Chloride	20.000	20.518	-2.6	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.355	-1.8	97	0.00
20 T	Diisopropyl ether	20.000	20.197	-1.0	97	0.00
21 M	1,1-Dichloroethane	20.000	20.363	-1.8	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.716	-3.6	100	0.00
23 M	tert-Butyl Alcohol	100.000	98.096	1.9	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.359	-1.8	98	0.00
25 M	Chloroform	20.000	20.622	-3.1	99	0.00
26	Cyclohexane	20.000	20.176	-0.9	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.275	-0.9	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	20.263	-1.3	99	0.00
30 M	2-Butanone	100.000	101.087	-1.1	97	0.00
31	2,2-Dichloropropane	20.000	18.942	5.3	93	0.00
32 M	1,1,1-Trichloroethane	20.000	20.161	-0.8	99	0.00
33 M	Carbon Tetrachloride	20.000	19.706	1.5	98	0.00
34 M	Benzene	20.000	20.336	-1.7	99	0.00
35	Methacrylonitrile	20.000	19.197	4.0	83	0.00
36 M	1,2-Dichloroethane	20.000	20.570	-2.9	101	0.00
37 M	Trichloroethene	20.000	20.262	-1.3	97	0.00
38	Methylcyclohexane	20.000	20.136	-0.7	101	0.00
39 M	1,2-Dichloropropane	20.000	20.392	-2.0	98	0.00
40	Dibromomethane	20.000	20.368	-1.8	99	0.00
41 M	Bromodichloromethane	20.000	19.622	1.9	99	0.00
42 M	Vinyl Acetate	100.000	101.591	-1.6	99	0.00
43	Ethyl Acetate	20.000	20.142	-0.7	98	0.00
44	Isopropyl Acetate	20.000	19.811	0.9	100	0.00
45 T	1,4-Dioxane	400.000	398.387	0.4	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.445	2.8	102	0.00
47	n-amyl Acetate	20.000	19.769	1.2	101	0.00
48 M	t-1,3-Dichloropropene	20.000	18.955	5.2	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.578	2.1	98	0.00
50 M	1,1,2-Trichloroethane	20.000	20.118	-0.6	98	0.00
51	Ethyl methacrylate	20.000	19.923	0.4	101	0.00
52	1,3-Dichloropropane	20.000	20.210	-1.1	98	0.00
53 M	Dibromochloromethane	20.000	19.034	4.8	101	0.00
54 M	1,2-Dibromoethane	20.000	19.848	0.8	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.442	4.6	100	0.00
56 M	Bromoform	20.000	18.467	7.7	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.264	-2.3	101	0.00
59 M	2-Hexanone	100.000	101.119	-1.1	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.104	3.0	98	0.00
61 M	Tetrachloroethene	20.000	20.590	-2.9	99	0.00
62 M	Toluene	20.000	20.142	-0.7	99	0.00
63 S	Toluene-d8	30.000	30.151	-0.5	97	0.00
64 M	Chlorobenzene	20.000	20.416	-2.1	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.005	-0.0	100	0.00
66 M	Ethyl Benzene	20.000	20.206	-1.0	100	0.00
67 M	m/p-Xylenes	40.000	40.355	-0.9	100	0.00
68 M	o-Xylene	20.000	20.321	-1.6	100	0.00
69 M	Styrene	20.000	19.716	1.4	100	0.00
70	Isopropylbenzene	20.000	20.484	-2.4	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.465	-2.3	100	0.00
72	1,2,3-Trichloropropane	20.000	20.350	-1.8	101	0.00
73	Bromobenzene	20.000	20.294	-1.5	102	0.00
74	n-propylbenzene	20.000	20.121	-0.6	102	0.00
75	2-Chlorotoluene	20.000	20.549	-2.7	103	0.00
76	1,3,5-Trimethylbenzene	20.000	20.219	-1.1	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.679	11.6	102	0.00
78	4-Chlorotoluene	20.000	20.018	-0.1	104	0.00
79	tert-butylbenzene	20.000	20.614	-3.1	103	0.00
80	1,2,4-Trimethylbenzene	20.000	20.202	-1.0	102	0.00
81	sec-Butylbenzene	20.000	20.446	-2.2	102	0.00
82	p-Isopropyltoluene	20.000	20.132	-0.7	102	0.00
83 M	1,3-Dichlorobenzene	20.000	19.633	1.8	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.926	5.4	103	0.00
85	n-Butylbenzene	20.000	18.910	5.4	105	0.00
86 T	Hexachloroethane	20.000	18.926	5.4	101	0.00
87 M	1,2-Dichlorobenzene	20.000	20.018	-0.1	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.896	5.5	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.345	-1.7	107	0.00
90	Hexachlorobutadiene	20.000	20.204	-1.0	103	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	18.536	7.3	116	0.00
92	1,2,3-Trichlorobenzene	20.000	18.798	6.0	110	0.00

(#) = Out of Range

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