

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092419\
 Data File : VN058343.D
 Acq On : 24 Sep 2019 13:43
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092419

Quant Time: Sep 25 01:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	20.699	-3.5	100	0.00
3 M	Chloromethane	20.000	20.754	-3.8	105	0.00
4 M	Vinyl Chloride	20.000	20.393	-2.0	100	0.00
5 M	Bromomethane	20.000	19.463	2.7	104	0.00
6 M	Chloroethane	20.000	20.930	-4.6	102	0.00
7 M	Trichlorofluoromethane	20.000	20.534	-2.7	99	0.00
8 T	Diethyl Ether	20.000	20.563	-2.8	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.203	-1.0	101	0.00
10 M	1,1-Dichloroethene	20.000	20.091	-0.5	100	0.00
11	Methyl Iodide	20.000	19.850	0.7	111	0.00
12	Methyl Acetate	20.000	20.475	-2.4	107	0.00
13 M	Acrolein	100.000	143.433	-43.4#	140	0.00
14 M	Acrylonitrile	100.000	102.374	-2.4	104	0.00
15 M	Acetone	100.000	117.243	-17.2	111	0.00
16 M	Carbon Disulfide	20.000	19.409	3.0	104	0.00
17	Allyl chloride	20.000	18.746	6.3	95	0.00
18 M	Methylene Chloride	20.000	20.728	-3.6	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.322	-1.6	102	0.00
20 T	Diisopropyl ether	20.000	20.271	-1.4	104	0.00
21 M	1,1-Dichloroethane	20.000	20.704	-3.5	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.286	-1.4	102	0.00
23 M	tert-Butyl Alcohol	100.000	98.679	1.3	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.667	-3.3	104	0.00
25 M	Chloroform	20.000	20.263	-1.3	103	0.00
26	Cyclohexane	20.000	19.762	1.2	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.967	0.1	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.207	-1.0	102	0.00
30 M	2-Butanone	100.000	107.308	-7.3	108	0.00
31	2,2-Dichloropropane	20.000	20.706	-3.5	106	0.00
32 M	1,1,1-Trichloroethane	20.000	20.334	-1.7	103	0.00
33 M	Carbon Tetrachloride	20.000	19.767	1.2	101	0.00
34 M	Benzene	20.000	20.440	-2.2	102	0.00
35	Methacrylonitrile	20.000	20.777	-3.9	108	0.00
36 M	1,2-Dichloroethane	20.000	20.260	-1.3	103	0.00
37 M	Trichloroethene	20.000	20.271	-1.4	102	0.00
38	Methylcyclohexane	20.000	19.915	0.4	103	0.00
39 M	1,2-Dichloropropane	20.000	20.184	-0.9	103	0.00
40	Dibromomethane	20.000	20.422	-2.1	103	0.00
41 M	Bromodichloromethane	20.000	19.628	1.9	102	0.00
42 M	Vinyl Acetate	100.000	111.849	-11.8	105	0.00
43	Ethyl Acetate	20.000	20.358	-1.8	105	0.00
44	Isopropyl Acetate	20.000	19.802	1.0	101	0.00
45 T	1,4-Dioxane	400.000	383.206	4.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.705	1.5	103	0.00
47	n-amyl Acetate	20.000	19.364	3.2	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.428	2.9	104	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.024	-0.1	104	0.00
50 M	1,1,2-Trichloroethane	20.000	20.054	-0.3	102	0.00
51	Ethyl methacrylate	20.000	19.736	1.3	104	0.00
52	1,3-Dichloropropane	20.000	20.145	-0.7	101	0.00
53 M	Dibromochloromethane	20.000	19.054	4.7	102	0.00
54 M	1,2-Dibromoethane	20.000	19.985	0.1	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.793	-2.8	106	0.00
56 M	Bromoform	20.000	18.926	5.4	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.067	-11.1	104	0.00
59 M	2-Hexanone	100.000	110.012	-10.0	107	0.00
60 S	4-Bromofluorobenzene	30.000	29.658	1.1	100	0.00
61 M	Tetrachloroethene	20.000	20.010	-0.1	102	0.00
62 M	Toluene	20.000	20.917	-4.6	103	0.00
63 S	Toluene-d8	30.000	30.082	-0.3	100	0.00
64 M	Chlorobenzene	20.000	20.413	-2.1	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.202	-1.0	105	0.00
66 M	Ethyl Benzene	20.000	21.331	-6.7	103	0.00
67 M	m/p-Xylenes	40.000	40.515	-1.3	102	0.00
68 M	o-Xylene	20.000	20.024	-0.1	101	0.00
69 M	Styrene	20.000	19.956	0.2	102	0.00
70	Isopropylbenzene	20.000	21.239	-6.2	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.125	-0.6	103	0.00
72	1,2,3-Trichloropropane	20.000	19.361	3.2	97	0.00
73	Bromobenzene	20.000	19.841	0.8	101	0.00
74	n-propylbenzene	20.000	21.731	-8.7	103	0.00
75	2-Chlorotoluene	20.000	20.386	-1.9	103	0.00
76	1,3,5-Trimethylbenzene	20.000	20.850	-4.3	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.625	6.9	109	0.00
78	4-Chlorotoluene	20.000	20.475	-2.4	103	0.00
79	tert-butylbenzene	20.000	20.671	-3.4	105	0.00
80	1,2,4-Trimethylbenzene	20.000	21.003	-5.0	102	0.00
81	sec-Butylbenzene	20.000	21.242	-6.2	102	0.00
82	p-Isopropyltoluene	20.000	21.242	-6.2	104	0.00
83 M	1,3-Dichlorobenzene	20.000	20.001	-0.0	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.512	2.4	102	0.00
85	n-Butylbenzene	20.000	20.689	-3.4	104	0.00
86 T	Hexachloroethane	20.000	19.084	4.6	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.854	0.7	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.883	5.6	104	0.00
89	1,2,4-Trichlorobenzene	20.000	18.784	6.1	104	0.00
90	Hexachlorobutadiene	20.000	19.805	1.0	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.137	4.3	105	0.00
92	1,2,3-Trichlorobenzene	20.000	18.502	7.5	103	0.00

(#) = Out of Range

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