

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071319\
 Data File : VN056685.D
 Acq On : 12 Jul 2019 12:53
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071319

Quant Time: Jul 13 00:20:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.822	-4.1	92	0.00
3 M	Chloromethane	20.000	20.474	-2.4	92	0.00
4 M	Vinyl Chloride	20.000	20.097	-0.5	91	0.00
5 M	Bromomethane	20.000	20.958	-4.8	97	0.00
6 M	Chloroethane	20.000	20.628	-3.1	94	0.00
7 M	Trichlorofluoromethane	20.000	20.166	-0.8	90	0.00
8 T	Diethyl Ether	20.000	19.968	0.2	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.359	-1.8	92	0.00
10 M	1,1-Dichloroethene	20.000	20.166	-0.8	94	0.00
11	Methyl Iodide	20.000	18.242	8.8	87	0.00
12	Methyl Acetate	20.000	18.999	5.0	96	0.00
13 M	Acrolein	100.000	91.219	8.8	95	0.00
14 M	Acrylonitrile	100.000	99.647	0.4	95	0.00
15 M	Acetone	100.000	89.773	10.2	71	0.00
16 M	Carbon Disulfide	20.000	19.047	4.8	91	0.00
17	Allyl chloride	20.000	19.275	3.6	92	0.00
18 M	Methylene Chloride	20.000	20.160	-0.8	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.937	0.3	92	0.00
20 T	Diisopropyl ether	20.000	20.149	-0.7	93	0.00
21 M	1,1-Dichloroethane	20.000	19.890	0.5	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.899	0.5	92	0.00
23 M	tert-Butyl Alcohol	100.000	102.509	-2.5	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.808	1.0	93	0.00
25 M	Chloroform	20.000	20.339	-1.7	93	0.00
26	Cyclohexane	20.000	19.855	0.7	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.260	2.5	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	20.191	-1.0	92	0.00
30 M	2-Butanone	100.000	95.051	4.9	83	0.00
31	2,2-Dichloropropane	20.000	19.642	1.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	19.998	0.0	92	0.00
33 M	Carbon Tetrachloride	20.000	19.470	2.7	90	0.00
34 M	Benzene	20.000	20.353	-1.8	93	0.00
35	Methacrylonitrile	20.000	16.749	16.3	88	0.00
36 M	1,2-Dichloroethane	20.000	20.257	-1.3	92	0.00
37 M	Trichloroethene	20.000	19.895	0.5	91	0.00
38	Methylcyclohexane	20.000	19.372	3.1	89	0.00
39 M	1,2-Dichloropropane	20.000	20.151	-0.8	92	0.00
40	Dibromomethane	20.000	19.635	1.8	91	0.00
41 M	Bromodichloromethane	20.000	19.786	1.1	92	0.00
42 M	Vinyl Acetate	100.000	101.766	-1.8	93	0.00
43	Ethyl Acetate	20.000	20.055	-0.3	92	0.00
44	Isopropyl Acetate	20.000	19.829	0.9	94	0.00
45 T	1,4-Dioxane	400.000	420.100	-5.0	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.084	-0.4	94	0.00
47	n-amyl Acetate	20.000	18.972	5.1	93	0.00
48 M	t-1,3-Dichloropropene	20.000	19.091	4.5	92	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.611	1.9	93	0.00
50 M	1,1,2-Trichloroethane	20.000	20.225	-1.1	94	0.00
51	Ethyl methacrylate	20.000	19.973	0.1	95	0.00
52	1,3-Dichloropropane	20.000	20.106	-0.5	91	0.00
53 M	Dibromochloromethane	20.000	19.305	3.5	93	0.00
54 M	1,2-Dibromoethane	20.000	20.274	-1.4	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.350	2.7	91	0.00
56 M	Bromoform	20.000	18.592	7.0	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.537	-4.5	95	0.00
59 M	2-Hexanone	100.000	99.774	0.2	88	0.00
60 S	4-Bromofluorobenzene	30.000	29.139	2.9	90	0.00
61 M	Tetrachloroethene	20.000	21.096	-5.5	93	0.00
62 M	Toluene	20.000	20.426	-2.1	92	0.00
63 S	Toluene-d8	30.000	30.554	-1.8	92	0.00
64 M	Chlorobenzene	20.000	20.241	-1.2	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.070	-0.4	92	0.00
66 M	Ethyl Benzene	20.000	20.194	-1.0	92	0.00
67 M	m/p-Xylenes	40.000	40.206	-0.5	91	0.00
68 M	o-Xylene	20.000	20.295	-1.5	93	0.00
69 M	Styrene	20.000	19.963	0.2	92	0.00
70	Isopropylbenzene	20.000	20.368	-1.8	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.679	-3.4	95	0.00
72	1,2,3-Trichloropropane	20.000	20.716	-3.6	94	0.00
73	Bromobenzene	20.000	19.895	0.5	91	0.00
74	n-propylbenzene	20.000	19.659	1.7	88	0.00
75	2-Chlorotoluene	20.000	20.215	-1.1	91	0.00
76	1,3,5-Trimethylbenzene	20.000	20.174	-0.9	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.883	10.6	90	0.00
78	4-Chlorotoluene	20.000	19.756	1.2	90	0.00
79	tert-butylbenzene	20.000	20.217	-1.1	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.963	0.2	90	0.00
81	sec-Butylbenzene	20.000	19.812	0.9	89	0.00
82	p-Isopropyltoluene	20.000	19.780	1.1	89	0.00
83 M	1,3-Dichlorobenzene	20.000	19.297	3.5	90	0.00
84 M	1,4-Dichlorobenzene	20.000	19.000	5.0	89	0.00
85	n-Butylbenzene	20.000	18.609	7.0	86	0.00
86 T	Hexachloroethane	20.000	18.922	5.4	89	0.00
87 M	1,2-Dichlorobenzene	20.000	19.859	0.7	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.933	0.3	97	0.00
89	1,2,4-Trichlorobenzene	20.000	17.569	12.2	91	0.00
90	Hexachlorobutadiene	20.000	19.528	2.4	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.623	16.9	93	0.00
92	1,2,3-Trichlorobenzene	20.000	18.004	10.0	92	0.00

(#) = Out of Range

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