

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060819\
 Data File : VN056085.D
 Acq On : 7 Jun 2019 8:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 07 10:02:09 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	22.310	-11.5	98	0.00
3 M	Chloromethane	20.000	21.051	-5.3	98	0.00
4 M	Vinyl Chloride	20.000	20.762	-3.8	94	0.00
5 M	Bromomethane	20.000	22.685	-13.4	100	0.00
6 M	Chloroethane	20.000	21.161	-5.8	94	0.00
7 M	Trichlorofluoromethane	20.000	20.710	-3.6	95	0.00
8 T	Diethyl Ether	20.000	19.843	0.8	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.581	-7.9	99	0.00
10 M	1,1-Dichloroethene	20.000	20.396	-2.0	95	0.00
11	Methyl Iodide	20.000	16.567	17.2	79	0.00
12	Methyl Acetate	20.000	19.307	3.5	91	0.00
13 M	Acrolein	100.000	109.740	-9.7	107	0.00
14 M	Acrylonitrile	100.000	96.242	3.8	90	0.00
15 M	Acetone	100.000	131.420	-31.4#	114	0.00
16 M	Carbon Disulfide	20.000	18.411	7.9	92	0.00
17	Allyl chloride	20.000	19.613	1.9	94	0.00
18 M	Methylene Chloride	20.000	20.066	-0.3	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.141	-0.7	92	0.00
20 T	Diisopropyl ether	20.000	20.086	-0.4	93	0.00
21 M	1,1-Dichloroethane	20.000	20.207	-1.0	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.012	-0.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	93.493	6.5	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.731	1.3	92	0.00
25 M	Chloroform	20.000	20.250	-1.3	94	0.00
26	Cyclohexane	20.000	20.562	-2.8	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.220	-4.1	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	20.388	-1.9	96	0.00
30 M	2-Butanone	100.000	106.341	-6.3	98	0.00
31	2,2-Dichloropropane	20.000	21.007	-5.0	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.967	0.2	94	0.00
33 M	Carbon Tetrachloride	20.000	19.205	4.0	93	0.00
34 M	Benzene	20.000	20.176	-0.9	95	0.00
35	Methacrylonitrile	20.000	23.098	-15.5	97	0.01
36 M	1,2-Dichloroethane	20.000	19.993	0.0	94	0.00
37 M	Trichloroethene	20.000	20.200	-1.0	94	0.00
38	Methylcyclohexane	20.000	20.538	-2.7	99	0.00
39 M	1,2-Dichloropropane	20.000	20.339	-1.7	95	0.00
40	Dibromomethane	20.000	19.817	0.9	93	0.00
41 M	Bromodichloromethane	20.000	18.889	5.6	92	0.00
42 M	Vinyl Acetate	100.000	98.855	1.1	93	0.00
43	Ethyl Acetate	20.000	19.078	4.6	89	0.00
44	Isopropyl Acetate	20.000	18.757	6.2	92	0.00
45 T	1,4-Dioxane	400.000	389.341	2.7	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.233	8.8	92	0.00
47	n-amyl Acetate	20.000	18.065	9.7	89	0.00
48 M	t-1,3-Dichloropropene	20.000	17.890	10.5	91	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.756	6.2	91	0.00
50 M	1,1,2-Trichloroethane	20.000	19.832	0.8	94	0.00
51	Ethyl methacrylate	20.000	18.539	7.3	91	0.00
52	1,3-Dichloropropane	20.000	19.628	1.9	92	0.00
53 M	Dibromochloromethane	20.000	18.026	9.9	92	0.00
54 M	1,2-Dibromoethane	20.000	18.841	5.8	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.170	6.8	94	0.00
56 M	Bromoform	20.000	16.643	16.8	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.507	3.5	91	0.00
59 M	2-Hexanone	100.000	101.914	-1.9	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.468	1.8	95	0.00
61 M	Tetrachloroethene	20.000	20.686	-3.4	95	0.00
62 M	Toluene	20.000	19.854	0.7	93	0.00
63 S	Toluene-d8	30.000	30.315	-1.1	93	0.00
64 M	Chlorobenzene	20.000	19.950	0.3	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.135	4.3	92	0.00
66 M	Ethyl Benzene	20.000	19.934	0.3	94	0.00
67 M	m/p-Xylenes	40.000	40.214	-0.5	95	0.00
68 M	o-Xylene	20.000	19.813	0.9	93	0.00
69 M	Styrene	20.000	19.623	1.9	95	0.00
70	Isopropylbenzene	20.000	20.230	-1.2	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.422	2.9	91	0.00
72	1,2,3-Trichloropropane	20.000	17.933	10.3	85	0.00
73	Bromobenzene	20.000	19.772	1.1	95	0.00
74	n-propylbenzene	20.000	20.186	-0.9	98	0.00
75	2-Chlorotoluene	20.000	20.015	-0.1	96	0.00
76	1,3,5-Trimethylbenzene	20.000	20.190	-1.0	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.384	23.1	85	0.00
78	4-Chlorotoluene	20.000	19.773	1.1	99	0.00
79	tert-butylbenzene	20.000	20.140	-0.7	96	0.00
80	1,2,4-Trimethylbenzene	20.000	20.055	-0.3	97	0.00
81	sec-Butylbenzene	20.000	20.487	-2.4	98	0.00
82	p-Isopropyltoluene	20.000	20.398	-2.0	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.629	1.9	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.630	6.9	97	0.00
85	n-Butylbenzene	20.000	19.031	4.8	101	0.00
86 T	Hexachloroethane	20.000	17.668	11.7	90	0.00
87 M	1,2-Dichlorobenzene	20.000	19.466	2.7	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.290	18.6	87	0.00
89	1,2,4-Trichlorobenzene	20.000	19.402	3.0	94	0.00
90	Hexachlorobutadiene	20.000	20.804	-4.0	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.031	24.8	90	0.00
92	1,2,3-Trichlorobenzene	20.000	16.920	15.4	95	0.00

(#) = Out of Range

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