

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056801.D
 Acq On : 18 Jul 2019 9:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 19 05:39:44 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	21.659	-8.3	96	0.00
3 M	Chloromethane	20.000	20.932	-4.7	94	0.00
4 M	Vinyl Chloride	20.000	20.712	-3.6	93	0.00
5 M	Bromomethane	20.000	19.769	1.2	92	0.00
6 M	Chloroethane	20.000	20.323	-1.6	93	0.00
7 M	Trichlorofluoromethane	20.000	21.119	-5.6	95	0.00
8 T	Diethyl Ether	20.000	19.841	0.8	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.192	-6.0	95	0.00
10 M	1,1-Dichloroethene	20.000	20.358	-1.8	94	0.00
11	Methyl Iodide	20.000	18.647	6.8	89	0.00
12	Methyl Acetate	20.000	18.030	9.8	91	0.00
13 M	Acrolein	100.000	96.828	3.2	100	0.00
14 M	Acrylonitrile	100.000	96.044	4.0	91	0.00
15 M	Acetone	100.000	110.609	-10.6	87	0.00
16 M	Carbon Disulfide	20.000	19.825	0.9	95	0.00
17	Allyl chloride	20.000	19.704	1.5	94	0.00
18 M	Methylene Chloride	20.000	20.216	-1.1	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.325	-1.6	93	0.00
20 T	Diisopropyl ether	20.000	20.420	-2.1	94	0.00
21 M	1,1-Dichloroethane	20.000	20.361	-1.8	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.982	0.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	96.643	3.4	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.063	-0.3	94	0.00
25 M	Chloroform	20.000	20.529	-2.6	94	0.00
26	Cyclohexane	20.000	20.529	-2.6	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.827	3.9	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	20.423	-2.1	94	0.00
30 M	2-Butanone	100.000	97.454	2.5	85	0.00
31	2,2-Dichloropropane	20.000	20.963	-4.8	98	0.00
32 M	1,1,1-Trichloroethane	20.000	20.692	-3.5	96	0.00
33 M	Carbon Tetrachloride	20.000	20.731	-3.7	96	0.00
34 M	Benzene	20.000	20.601	-3.0	94	0.00
35	Methacrylonitrile	20.000	19.821	0.9	104	0.00
36 M	1,2-Dichloroethane	20.000	20.277	-1.4	93	0.00
37 M	Trichloroethene	20.000	20.341	-1.7	93	0.00
38	Methylcyclohexane	20.000	21.011	-5.1	96	0.00
39 M	1,2-Dichloropropane	20.000	20.236	-1.2	93	0.00
40	Dibromomethane	20.000	20.312	-1.6	94	0.00
41 M	Bromodichloromethane	20.000	20.548	-2.7	96	0.00
42 M	Vinyl Acetate	100.000	101.075	-1.1	93	0.00
43	Ethyl Acetate	20.000	19.172	4.1	88	0.00
44	Isopropyl Acetate	20.000	19.385	3.1	92	0.00
45 T	1,4-Dioxane	400.000	394.734	1.3	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.343	3.3	91	0.00
47	n-amyl Acetate	20.000	18.518	7.4	91	0.00
48 M	t-1,3-Dichloropropene	20.000	19.845	0.8	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.060	-0.3	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.109	-0.5	94	0.00
51	Ethyl methacrylate	20.000	19.423	2.9	92	0.00
52	1,3-Dichloropropane	20.000	20.329	-1.6	92	0.00
53 M	Dibromochloromethane	20.000	20.390	-2.0	98	0.00
54 M	1,2-Dibromoethane	20.000	20.456	-2.3	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.200	8.8	86	0.00
56 M	Bromoform	20.000	19.689	1.6	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.008	1.0	91	0.00
59 M	2-Hexanone	100.000	98.212	1.8	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.638	1.2	92	0.00
61 M	Tetrachloroethene	20.000	21.535	-7.7	96	0.00
62 M	Toluene	20.000	20.878	-4.4	94	0.00
63 S	Toluene-d8	30.000	30.642	-2.1	92	0.00
64 M	Chlorobenzene	20.000	20.736	-3.7	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.764	-3.8	95	0.00
66 M	Ethyl Benzene	20.000	20.494	-2.5	93	0.00
67 M	m/p-Xylenes	40.000	41.281	-3.2	93	0.00
68 M	o-Xylene	20.000	20.710	-3.6	96	0.00
69 M	Styrene	20.000	20.251	-1.3	94	0.00
70	Isopropylbenzene	20.000	20.624	-3.1	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.625	1.9	90	0.00
72	1,2,3-Trichloropropane	20.000	20.370	-1.9	93	0.00
73	Bromobenzene	20.000	20.298	-1.5	94	0.00
74	n-propylbenzene	20.000	20.543	-2.7	93	0.00
75	2-Chlorotoluene	20.000	20.640	-3.2	93	0.00
76	1,3,5-Trimethylbenzene	20.000	20.858	-4.3	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.670	6.6	94	0.00
78	4-Chlorotoluene	20.000	20.056	-0.3	92	0.00
79	tert-butylbenzene	20.000	20.688	-3.4	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.603	-3.0	93	0.00
81	sec-Butylbenzene	20.000	20.420	-2.1	92	0.00
82	p-Isopropyltoluene	20.000	20.685	-3.4	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.726	1.4	92	0.00
84 M	1,4-Dichlorobenzene	20.000	19.400	3.0	91	0.00
85	n-Butylbenzene	20.000	19.559	2.2	91	0.00
86 T	Hexachloroethane	20.000	20.875	-4.4	98	0.00
87 M	1,2-Dichlorobenzene	20.000	20.155	-0.8	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.280	3.6	94	0.00
89	1,2,4-Trichlorobenzene	20.000	16.872	15.6	88	0.00
90	Hexachlorobutadiene	20.000	21.355	-6.8	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.465	22.7	86	0.00
92	1,2,3-Trichlorobenzene	20.000	17.436	12.8	89	0.00

(#) = Out of Range

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