

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030119\
 Data File : VN054030.D
 Acq On : 1 Mar 2019 15:26
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 02 00:11:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 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	19.912	0.4	98	0.00
3 M	Chloromethane	20.000	20.477	-2.4	101	0.00
4 M	Vinyl Chloride	20.000	19.973	0.1	99	0.00
5 M	Bromomethane	20.000	19.904	0.5	99	0.00
6 M	Chloroethane	20.000	19.891	0.5	98	0.00
7 M	Trichlorofluoromethane	20.000	20.274	-1.4	100	0.00
8 T	Diethyl Ether	20.000	20.238	-1.2	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.749	1.3	98	0.00
10 M	1,1-Dichloroethene	20.000	19.771	1.1	98	0.00
11	Methyl Iodide	20.000	18.810	6.0	96	0.00
12	Methyl Acetate	20.000	20.090	-0.4	105	0.00
13 M	Acrolein	100.000	79.722	20.3	65	0.00
14 M	Acrylonitrile	100.000	101.325	-1.3	104	0.00
15 M	Acetone	100.000	85.815	14.2	80	0.00
16 M	Carbon Disulfide	20.000	19.501	2.5	99	0.00
17	Allyl chloride	20.000	20.436	-2.2	101	0.00
18 M	Methylene Chloride	20.000	20.189	-0.9	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.825	0.9	99	0.00
20 T	Diisopropyl ether	20.000	20.095	-0.5	101	0.00
21 M	1,1-Dichloroethane	20.000	20.085	-0.4	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.034	-0.2	100	0.00
23 M	tert-Butyl Alcohol	100.000	113.520	-13.5	119	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.686	-3.4	106	0.00
25 M	Chloroform	20.000	19.958	0.2	98	0.00
26	Cyclohexane	20.000	20.375	-1.9	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.055	-0.2	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	20.114	-0.6	101	0.00
30 M	2-Butanone	100.000	97.927	2.1	98	0.00
31	2,2-Dichloropropane	20.000	18.800	6.0	94	0.00
32 M	1,1,1-Trichloroethane	20.000	20.205	-1.0	100	0.00
33 M	Carbon Tetrachloride	20.000	19.872	0.6	97	0.00
34 M	Benzene	20.000	20.130	-0.6	99	0.00
35	Methacrylonitrile	20.000	18.625	6.9	87	0.00
36 M	1,2-Dichloroethane	20.000	20.332	-1.7	99	0.00
37 M	Trichloroethene	20.000	20.558	-2.8	103	0.00
38	Methylcyclohexane	20.000	19.646	1.8	101	0.00
39 M	1,2-Dichloropropane	20.000	20.278	-1.4	99	0.00
40	Dibromomethane	20.000	20.294	-1.5	101	0.00
41 M	Bromodichloromethane	20.000	19.866	0.7	99	0.00
42 M	Vinyl Acetate	100.000	100.600	-0.6	103	0.00
43	Ethyl Acetate	20.000	19.706	1.5	92	0.00
44	Isopropyl Acetate	20.000	20.638	-3.2	106	0.00
45 T	1,4-Dioxane	400.000	456.073	-14.0	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.018	-0.1	106	0.00
47	n-amyl Acetate	20.000	20.424	-2.1	112	0.00
48 M	t-1,3-Dichloropropene	20.000	18.973	5.1	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.444	2.8	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.683	-3.4	101	0.00
51	Ethyl methacrylate	20.000	20.005	-0.0	106	0.00
52	1,3-Dichloropropane	20.000	20.247	-1.2	100	0.00
53 M	Dibromochloromethane	20.000	19.620	1.9	99	0.00
54 M	1,2-Dibromoethane	20.000	19.947	0.3	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.811	-1.8	110	0.00
56 M	Bromoform	20.000	19.138	4.3	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.906	-4.9	107	0.00
59 M	2-Hexanone	100.000	101.348	-1.3	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.411	-1.4	102	0.00
61 M	Tetrachloroethene	20.000	20.319	-1.6	97	0.00
62 M	Toluene	20.000	20.313	-1.6	100	0.00
63 S	Toluene-d8	30.000	30.281	-0.9	99	0.00
64 M	Chlorobenzene	20.000	19.969	0.2	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.958	0.2	100	0.00
66 M	Ethyl Benzene	20.000	19.937	0.3	100	0.00
67 M	m/p-Xylenes	40.000	40.865	-2.2	100	0.00
68 M	o-Xylene	20.000	20.236	-1.2	101	0.00
69 M	Styrene	20.000	20.205	-1.0	100	0.00
70	Isopropylbenzene	20.000	20.329	-1.6	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.325	-1.6	103	0.00
72	1,2,3-Trichloropropane	20.000	22.583	-12.9	113	0.00
73	Bromobenzene	20.000	19.716	1.4	99	0.00
74	n-propylbenzene	20.000	20.025	-0.1	99	0.00
75	2-Chlorotoluene	20.000	20.513	-2.6	102	0.00
76	1,3,5-Trimethylbenzene	20.000	20.231	-1.2	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.334	8.3	100	0.00
78	4-Chlorotoluene	20.000	20.329	-1.6	101	0.00
79	tert-butylbenzene	20.000	19.873	0.6	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.442	-2.2	101	0.00
81	sec-Butylbenzene	20.000	19.845	0.8	98	0.00
82	p-Isopropyltoluene	20.000	19.784	1.1	99	0.00
83 M	1,3-Dichlorobenzene	20.000	20.052	-0.3	101	0.00
84 M	1,4-Dichlorobenzene	20.000	19.479	2.6	99	0.00
85	n-Butylbenzene	20.000	19.054	4.7	100	0.00
86 T	Hexachloroethane	20.000	17.781	11.1	93	0.00
87 M	1,2-Dichlorobenzene	20.000	20.045	-0.2	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.364	-1.8	104	0.00
89	1,2,4-Trichlorobenzene	20.000	18.907	5.5	107	0.00
90	Hexachlorobutadiene	20.000	18.646	6.8	94	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	20.880	-4.4	114	0.00
92	1,2,3-Trichlorobenzene	20.000	19.490	2.6	105	0.00

(#) = Out of Range

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