

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041919\
 Data File : VN055130.D
 Acq On : 19 Apr 2019 9:52
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 10:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	19.258	3.7	101	0.00
3 M	Chloromethane	20.000	18.379	8.1	100	0.00
4 M	Vinyl Chloride	20.000	17.924	10.4	97	0.00
5 M	Bromomethane	20.000	17.362	13.2	96	0.00
6 M	Chloroethane	20.000	17.828	10.9	97	0.00
7 M	Trichlorofluoromethane	20.000	20.869	-4.3	111	0.00
8 T	Diethyl Ether	20.000	25.345	-26.7	138	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.708	-23.5	131	0.00
10 M	1,1-Dichloroethene	20.000	24.362	-21.8	131	0.00
11	Methyl Iodide	20.000	22.675	-13.4	127	0.00
12	Methyl Acetate	20.000	25.619	-28.1	143	0.00
13 M	Acrolein	100.000	93.785	6.2	106	0.00
14 M	Acrylonitrile	100.000	117.218	-17.2	133	0.00
15 M	Acetone	100.000	137.688	-37.7#	129	0.00
16 M	Carbon Disulfide	20.000	19.270	3.7	111	0.01
17	Allyl chloride	20.000	20.396	-2.0	113	0.01
18 M	Methylene Chloride	20.000	19.460	2.7	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.781	1.1	108	0.00
20 T	Diisopropyl ether	20.000	20.384	-1.9	113	0.00
21 M	1,1-Dichloroethane	20.000	20.052	-0.3	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.506	2.5	108	0.00
23 M	tert-Butyl Alcohol	100.000	134.384	-34.4#	159	-0.03
24 M	Methyl tert-Butyl Ether	20.000	22.166	-10.8	125	0.00
25 M	Chloroform	20.000	19.965	0.2	109	0.00
26	Cyclohexane	20.000	19.381	3.1	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.630	1.2	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.187	-0.9	108	0.00
30 M	2-Butanone	100.000	125.356	-25.4	130	0.00
31	2,2-Dichloropropane	20.000	21.555	-7.8	117	0.00
32 M	1,1,1-Trichloroethane	20.000	20.713	-3.6	112	0.00
33 M	Carbon Tetrachloride	20.000	19.906	0.5	110	0.00
34 M	Benzene	20.000	20.025	-0.1	108	0.00
35	Methacrylonitrile	20.000	24.309	-21.5	128	0.00
36 M	1,2-Dichloroethane	20.000	20.816	-4.1	111	0.00
37 M	Trichloroethene	20.000	20.005	-0.0	106	0.00
38	Methylcyclohexane	20.000	19.379	3.1	104	0.00
39 M	1,2-Dichloropropane	20.000	20.974	-4.9	113	0.00
40	Dibromomethane	20.000	20.543	-2.7	109	0.00
41 M	Bromodichloromethane	20.000	20.244	-1.2	112	0.00
42 M	Vinyl Acetate	100.000	110.037	-10.0	125	0.00
43	Ethyl Acetate	20.000	25.147	-25.7	139	0.00
44	Isopropyl Acetate	20.000	24.600	-23.0	143	0.00
45 T	1,4-Dioxane	400.000	477.474	-19.4	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	23.059	-15.3	136	0.00
47	n-amyl Acetate	20.000	22.977	-14.9	136	0.00
48 M	t-1,3-Dichloropropene	20.000	20.773	-3.9	126	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.067	-0.3	115	0.00
50 M	1,1,2-Trichloroethane	20.000	21.551	-7.8	117	0.00
51	Ethyl methacrylate	20.000	21.899	-9.5	131	0.00
52	1,3-Dichloropropane	20.000	21.429	-7.1	116	0.00
53 M	Dibromochloromethane	20.000	21.053	-5.3	120	0.00
54 M	1,2-Dibromoethane	20.000	21.154	-5.8	121	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.014	-6.0	118	0.00
56 M	Bromoform	20.000	20.615	-3.1	125	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	129.334	-29.3	140	0.00
59 M	2-Hexanone	100.000	130.387	-30.4#	135	0.00
60 S	4-Bromofluorobenzene	30.000	28.959	3.5	101	0.00
61 M	Tetrachloroethene	20.000	20.058	-0.3	100	0.00
62 M	Toluene	20.000	20.460	-2.3	106	0.00
63 S	Toluene-d8	30.000	30.538	-1.8	102	0.00
64 M	Chlorobenzene	20.000	20.020	-0.1	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.051	-5.3	113	0.00
66 M	Ethyl Benzene	20.000	20.255	-1.3	106	0.00
67 M	m/p-Xylenes	40.000	40.783	-2.0	105	0.00
68 M	o-Xylene	20.000	20.323	-1.6	105	0.00
69 M	Styrene	20.000	19.522	2.4	103	0.00
70	Isopropylbenzene	20.000	20.339	-1.7	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.669	-18.3	123	0.00
72	1,2,3-Trichloropropane	20.000	21.160	-5.8	108	0.00
73	Bromobenzene	20.000	19.853	0.7	104	0.00
74	n-propylbenzene	20.000	20.176	-0.9	103	0.00
75	2-Chlorotoluene	20.000	20.105	-0.5	103	0.00
76	1,3,5-Trimethylbenzene	20.000	20.154	-0.8	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.517	-12.6	140	0.00
78	4-Chlorotoluene	20.000	19.863	0.7	104	0.00
79	tert-butylbenzene	20.000	20.232	-1.2	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.938	0.3	104	0.00
81	sec-Butylbenzene	20.000	19.969	0.2	101	0.00
82	p-Isopropyltoluene	20.000	19.559	2.2	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.492	2.5	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.187	4.1	103	0.00
85	n-Butylbenzene	20.000	18.591	7.0	101	0.00
86 T	Hexachloroethane	20.000	19.769	1.2	107	0.00
87 M	1,2-Dichlorobenzene	20.000	19.930	0.4	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.617	-18.1	129	0.00
89	1,2,4-Trichlorobenzene	20.000	16.779	16.1	104	0.00
90	Hexachlorobutadiene	20.000	21.285	-6.4	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.869	10.7	121	0.00
92	1,2,3-Trichlorobenzene	20.000	17.953	10.2	106	0.00

(#) = Out of Range

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