

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082319\
 Data File : VN057473.D
 Acq On : 23 Aug 2019 14:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 24 00:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 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	21.131	-5.7	103	0.00
3 M	Chloromethane	20.000	21.383	-6.9	105	0.00
4 M	Vinyl Chloride	20.000	21.045	-5.2	99	0.00
5 M	Bromomethane	20.000	21.239	-6.2	102	0.00
6 M	Chloroethane	20.000	20.695	-3.5	100	0.00
7 M	Trichlorofluoromethane	20.000	21.085	-5.4	102	0.00
8 T	Diethyl Ether	20.000	20.667	-3.3	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.709	-3.5	99	0.00
10 M	1,1-Dichloroethene	20.000	20.856	-4.3	103	0.00
11	Methyl Iodide	20.000	17.421	12.9	101	0.00
12	Methyl Acetate	20.000	20.033	-0.2	104	0.00
13 M	Acrolein	100.000	95.805	4.2	93	0.00
14 M	Acrylonitrile	100.000	105.581	-5.6	105	0.00
15 M	Acetone	100.000	89.310	10.7	78	0.00
16 M	Carbon Disulfide	20.000	20.084	-0.4	101	0.00
17	Allyl chloride	20.000	20.556	-2.8	103	0.00
18 M	Methylene Chloride	20.000	20.899	-4.5	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.591	2.0	100	0.00
20 T	Diisopropyl ether	20.000	20.795	-4.0	102	0.00
21 M	1,1-Dichloroethane	20.000	20.640	-3.2	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.957	0.2	99	0.00
23 M	tert-Butyl Alcohol	100.000	102.091	-2.1	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.675	-3.4	102	0.00
25 M	Chloroform	20.000	20.334	-1.7	102	0.00
26	Cyclohexane	20.000	19.631	1.8	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.009	-0.0	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.336	-1.7	101	0.00
30 M	2-Butanone	100.000	100.826	-0.8	97	0.00
31	2,2-Dichloropropane	20.000	19.484	2.6	96	0.00
32 M	1,1,1-Trichloroethane	20.000	20.727	-3.6	103	0.00
33 M	Carbon Tetrachloride	20.000	20.137	-0.7	101	0.00
34 M	Benzene	20.000	20.211	-1.1	99	0.00
35	Methacrylonitrile	20.000	21.306	-6.5	100	0.00
36 M	1,2-Dichloroethane	20.000	21.177	-5.9	106	0.00
37 M	Trichloroethene	20.000	20.088	-0.4	98	0.00
38	Methylcyclohexane	20.000	19.585	2.1	99	0.00
39 M	1,2-Dichloropropane	20.000	20.473	-2.4	101	0.00
40	Dibromomethane	20.000	20.313	-1.6	101	0.00
41 M	Bromodichloromethane	20.000	19.685	1.6	101	0.00
42 M	Vinyl Acetate	100.000	101.565	-1.6	101	0.00
43	Ethyl Acetate	20.000	22.648	-13.2	112	0.00
44	Isopropyl Acetate	20.000	20.398	-2.0	101	0.00
45 T	1,4-Dioxane	400.000	424.588	-6.1	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.883	0.6	100	0.00
47	n-amyl Acetate	20.000	19.708	1.5	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.083	4.6	100	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.319	3.4	98	0.00
50 M	1,1,2-Trichloroethane	20.000	20.331	-1.7	101	0.00
51	Ethyl methacrylate	20.000	20.519	-2.6	106	0.00
52	1,3-Dichloropropane	20.000	20.266	-1.3	100	0.00
53 M	Dibromochloromethane	20.000	19.756	1.2	100	0.00
54 M	1,2-Dibromoethane	20.000	19.934	0.3	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	176.856	-76.9#	209	0.00
56 M	Bromoform	20.000	19.261	3.7	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.154	-7.2	104	0.00
59 M	2-Hexanone	100.000	105.917	-5.9	103	0.00
60 S	4-Bromofluorobenzene	30.000	28.864	3.8	101	0.00
61 M	Tetrachloroethene	20.000	21.163	-5.8	103	0.00
62 M	Toluene	20.000	20.553	-2.8	101	0.00
63 S	Toluene-d8	30.000	30.362	-1.2	98	0.00
64 M	Chlorobenzene	20.000	20.429	-2.1	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.890	-4.5	105	0.00
66 M	Ethyl Benzene	20.000	20.100	-0.5	101	0.00
67 M	m/p-Xylenes	40.000	40.383	-1.0	102	0.00
68 M	o-Xylene	20.000	20.592	-3.0	102	0.00
69 M	Styrene	20.000	19.965	0.2	105	0.00
70	Isopropylbenzene	20.000	20.229	-1.1	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.858	-4.3	106	0.00
72	1,2,3-Trichloropropane	20.000	21.567	-7.8	110	0.00
73	Bromobenzene	20.000	20.327	-1.6	106	0.00
74	n-propylbenzene	20.000	19.119	4.4	101	0.00
75	2-Chlorotoluene	20.000	19.753	1.2	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.992	0.0	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.588	2.1	103	0.00
78	4-Chlorotoluene	20.000	18.938	5.3	104	0.00
79	tert-butylbenzene	20.000	19.634	1.8	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.848	0.8	101	0.00
81	sec-Butylbenzene	20.000	19.431	2.8	101	0.00
82	p-Isopropyltoluene	20.000	18.980	5.1	102	0.00
83 M	1,3-Dichlorobenzene	20.000	19.435	2.8	107	0.00
84 M	1,4-Dichlorobenzene	20.000	18.514	7.4	106	0.00
85	n-Butylbenzene	20.000	18.703	6.5	107	0.00
86 T	Hexachloroethane	20.000	19.770	1.2	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.767	1.2	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.204	-1.0	113	0.00
89	1,2,4-Trichlorobenzene	20.000	15.017	24.9	120	0.00
90	Hexachlorobutadiene	20.000	20.664	-3.3	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.909	0.5	107	0.00
92	1,2,3-Trichlorobenzene	20.000	16.657	16.7	119	0.00

(#) = Out of Range

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