

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062119\
 Data File : VN056412.D
 Acq On : 21 Jun 2019 9:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 24 09:31:34 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	114	0.00
2 M	Dichlorodifluoromethane	20.000	22.774	-13.9	123	0.00
3 M	Chloromethane	20.000	21.063	-5.3	120	0.00
4 M	Vinyl Chloride	20.000	21.064	-5.3	117	0.00
5 M	Bromomethane	20.000	19.141	4.3	104	0.00
6 M	Chloroethane	20.000	21.143	-5.7	115	0.00
7 M	Trichlorofluoromethane	20.000	22.269	-11.3	125	0.00
8 T	Diethyl Ether	20.000	21.206	-6.0	120	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.587	-12.9	127	0.02
10 M	1,1-Dichloroethene	20.000	21.166	-5.8	121	0.02
11	Methyl Iodide	20.000	17.716	11.4	104	0.00
12	Methyl Acetate	20.000	23.452	-17.3	135	0.00
13 M	Acrolein	100.000	101.591	-1.6	121	0.00
14 M	Acrylonitrile	100.000	110.270	-10.3	127	0.00
15 M	Acetone	100.000	118.737	-18.7	126	0.00
16 M	Carbon Disulfide	20.000	19.772	1.1	121	0.00
17	Allyl chloride	20.000	22.337	-11.7	131	0.00
18 M	Methylene Chloride	20.000	21.079	-5.4	121	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.267	-6.3	119	0.00
20 T	Diisopropyl ether	20.000	22.377	-11.9	127	0.00
21 M	1,1-Dichloroethane	20.000	22.342	-11.7	128	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.998	-5.0	119	0.00
23 M	tert-Butyl Alcohol	100.000	97.358	2.6	115	-0.02
24 M	Methyl tert-Butyl Ether	20.000	21.269	-6.3	121	0.00
25 M	Chloroform	20.000	21.914	-9.6	125	0.00
26	Cyclohexane	20.000	22.161	-10.8	127	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.684	-8.9	123	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	116	0.00
29	1,1-Dichloropropene	20.000	21.195	-6.0	125	0.00
30 M	2-Butanone	100.000	112.559	-12.6	130	0.00
31	2,2-Dichloropropane	20.000	21.927	-9.6	129	0.00
32 M	1,1,1-Trichloroethane	20.000	20.724	-3.6	122	0.00
33 M	Carbon Tetrachloride	20.000	19.920	0.4	120	0.00
34 M	Benzene	20.000	20.884	-4.4	122	0.00
35	Methacrylonitrile	20.000	19.045	4.8	100	0.00
36 M	1,2-Dichloroethane	20.000	21.551	-7.8	127	0.00
37 M	Trichloroethene	20.000	20.280	-1.4	117	0.00
38	Methylcyclohexane	20.000	21.268	-6.3	128	0.00
39 M	1,2-Dichloropropane	20.000	21.849	-9.2	127	0.00
40	Dibromomethane	20.000	20.492	-2.5	120	0.00
41 M	Bromodichloromethane	20.000	20.686	-3.4	125	0.00
42 M	Vinyl Acetate	100.000	108.215	-8.2	128	0.00
43	Ethyl Acetate	20.000	21.303	-6.5	124	0.00
44	Isopropyl Acetate	20.000	20.764	-3.8	126	0.00
45 T	1,4-Dioxane	400.000	396.283	0.9	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.430	-2.1	129	0.00
47	n-amyl Acetate	20.000	19.916	0.4	123	0.00
48 M	t-1,3-Dichloropropene	20.000	19.890	0.5	125	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.920	-4.6	127	0.00
50 M	1,1,2-Trichloroethane	20.000	20.570	-2.9	121	0.00
51	Ethyl methacrylate	20.000	19.624	1.9	120	0.00
52	1,3-Dichloropropane	20.000	20.983	-4.9	123	0.00
53 M	Dibromochloromethane	20.000	19.095	4.5	122	0.00
54 M	1,2-Dibromoethane	20.000	19.636	1.8	118	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.016	2.0	124	0.00
56 M	Bromoform	20.000	17.843	10.8	120	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.514	-9.5	126	0.00
59 M	2-Hexanone	100.000	111.309	-11.3	128	0.00
60 S	4-Bromofluorobenzene	30.000	29.509	1.6	116	0.00
61 M	Tetrachloroethene	20.000	19.704	1.5	110	0.00
62 M	Toluene	20.000	21.019	-5.1	120	0.00
63 S	Toluene-d8	30.000	31.063	-3.5	117	0.00
64 M	Chlorobenzene	20.000	20.541	-2.7	119	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.411	-2.1	120	0.00
66 M	Ethyl Benzene	20.000	20.947	-4.7	120	0.00
67 M	m/p-Xylenes	40.000	40.108	-0.3	115	0.00
68 M	o-Xylene	20.000	20.297	-1.5	116	0.00
69 M	Styrene	20.000	19.774	1.1	117	0.00
70	Isopropylbenzene	20.000	20.799	-4.0	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.128	-5.6	120	0.00
72	1,2,3-Trichloropropane	20.000	19.573	2.1	113	0.00
73	Bromobenzene	20.000	19.223	3.9	113	0.00
74	n-propylbenzene	20.000	20.625	-3.1	122	0.00
75	2-Chlorotoluene	20.000	20.846	-4.2	122	0.00
76	1,3,5-Trimethylbenzene	20.000	20.148	-0.7	117	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.295	8.5	123	0.00
78	4-Chlorotoluene	20.000	19.987	0.1	121	0.00
79	tert-butylbenzene	20.000	20.522	-2.6	119	0.00
80	1,2,4-Trimethylbenzene	20.000	19.753	1.2	116	0.00
81	sec-Butylbenzene	20.000	20.706	-3.5	121	0.00
82	p-Isopropyltoluene	20.000	19.644	1.8	117	0.00
83 M	1,3-Dichlorobenzene	20.000	18.536	7.3	113	0.00
84 M	1,4-Dichlorobenzene	20.000	17.863	10.7	114	0.00
85	n-Butylbenzene	20.000	18.436	7.8	119	0.00
86 T	Hexachloroethane	20.000	19.741	1.3	123	0.00
87 M	1,2-Dichlorobenzene	20.000	18.530	7.3	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.369	8.2	119	0.00
89	1,2,4-Trichlorobenzene	20.000	18.308	8.5	103	0.00
90	Hexachlorobutadiene	20.000	19.539	2.3	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.600	27.0	106	0.00
92	1,2,3-Trichlorobenzene	20.000	15.852	20.7	109	0.00

(#) = Out of Range

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