

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102319\
 Data File : VN058906.D
 Acq On : 22 Oct 2019 14:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 01:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 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	71	0.00
2 M	Dichlorodifluoromethane	20.000	22.562	-12.8	76	0.00
3 M	Chloromethane	20.000	21.705	-8.5	75	0.00
4 M	Vinyl Chloride	20.000	20.765	-3.8	70	0.00
5 M	Bromomethane	20.000	21.622	-8.1	72	0.00
6 M	Chloroethane	20.000	21.998	-10.0	75	0.00
7 M	Trichlorofluoromethane	20.000	22.728	-13.6	78	0.00
8 T	Diethyl Ether	20.000	20.636	-3.2	70	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.177	-10.9	77	0.00
10 M	1,1-Dichloroethene	20.000	20.529	-2.6	70	0.00
11	Methyl Iodide	20.000	20.032	-0.2	71	0.00
12	Methyl Acetate	20.000	19.799	1.0	70	0.00
13 M	Acrolein	100.000	99.845	0.2	73	0.00
14 M	Acrylonitrile	100.000	101.484	-1.5	73	0.00
15 M	Acetone	100.000	164.173	-64.2#	119	0.00
16 M	Carbon Disulfide	20.000	21.021	-5.1	72	0.00
17	Allyl chloride	20.000	19.804	1.0	68	0.00
18 M	Methylene Chloride	20.000	21.535	-7.7	74	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.028	-5.1	72	0.00
20 T	Diisopropyl ether	20.000	21.035	-5.2	73	0.00
21 M	1,1-Dichloroethane	20.000	21.701	-8.5	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.258	-1.3	70	0.00
23 M	tert-Butyl Alcohol	100.000	89.627	10.4	64	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.485	2.6	67	0.00
25 M	Chloroform	20.000	21.522	-7.6	74	0.00
26	Cyclohexane	20.000	19.224	3.9	68	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.040	-6.8	75	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	68	0.00
29	1,1-Dichloropropene	20.000	21.659	-8.3	72	0.00
30 M	2-Butanone	100.000	119.963	-20.0	82	0.00
31	2,2-Dichloropropane	20.000	22.300	-11.5	76	0.00
32 M	1,1,1-Trichloroethane	20.000	21.718	-8.6	71	0.00
33 M	Carbon Tetrachloride	20.000	22.227	-11.1	73	0.00
34 M	Benzene	20.000	21.820	-9.1	72	0.00
35	Methacrylonitrile	20.000	18.947	5.3	63	0.00
36 M	1,2-Dichloroethane	20.000	22.604	-13.0	74	0.00
37 M	Trichloroethene	20.000	21.326	-6.6	70	0.00
38	Methylcyclohexane	20.000	19.313	3.4	65	0.00
39 M	1,2-Dichloropropane	20.000	22.016	-10.1	71	0.00
40	Dibromomethane	20.000	22.407	-12.0	73	0.00
41 M	Bromodichloromethane	20.000	22.516	-12.6	74	0.00
42 M	Vinyl Acetate	100.000	108.771	-8.8	69	0.00
43	Ethyl Acetate	20.000	20.821	-4.1	68	0.00
44	Isopropyl Acetate	20.000	19.994	0.0	67	0.00
45 T	1,4-Dioxane	400.000	389.310	2.7	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.992	0.0	68	0.00
47	n-amyl Acetate	20.000	18.456	7.7	63	0.00
48 M	t-1,3-Dichloropropene	20.000	20.868	-4.3	70	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.417	-7.1	71	0.00
50 M	1,1,2-Trichloroethane	20.000	22.244	-11.2	73	0.00
51	Ethyl methacrylate	20.000	18.709	6.5	64	0.00
52	1,3-Dichloropropane	20.000	21.430	-7.1	71	0.00
53 M	Dibromochloromethane	20.000	21.886	-9.4	73	0.00
54 M	1,2-Dibromoethane	20.000	21.286	-6.4	71	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.640	6.4	59	0.00
56 M	Bromoform	20.000	21.288	-6.4	73	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	70	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.480	-5.5	69	0.00
59 M	2-Hexanone	100.000	109.379	-9.4	75	0.00
60 S	4-Bromofluorobenzene	30.000	29.290	2.4	69	0.00
61 M	Tetrachloroethene	20.000	21.763	-8.8	73	0.00
62 M	Toluene	20.000	21.205	-6.0	72	0.00
63 S	Toluene-d8	30.000	31.282	-4.3	72	0.00
64 M	Chlorobenzene	20.000	20.659	-3.3	70	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.041	-5.2	72	0.00
66 M	Ethyl Benzene	20.000	20.209	-1.0	68	0.00
67 M	m/p-Xylenes	40.000	40.685	-1.7	69	0.00
68 M	o-Xylene	20.000	19.593	2.0	67	0.00
69 M	Styrene	20.000	19.160	4.2	67	0.00
70	Isopropylbenzene	20.000	19.793	1.0	67	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.638	-3.2	71	0.00
72	1,2,3-Trichloropropane	20.000	23.132	-15.7	79	0.00
73	Bromobenzene	20.000	20.235	-1.2	70	0.00
74	n-propylbenzene	20.000	20.627	-3.1	69	0.00
75	2-Chlorotoluene	20.000	20.624	-3.1	71	0.00
76	1,3,5-Trimethylbenzene	20.000	20.204	-1.0	69	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.210	3.9	69	0.00
78	4-Chlorotoluene	20.000	20.394	-2.0	71	0.00
79	tert-butylbenzene	20.000	19.731	1.3	68	0.00
80	1,2,4-Trimethylbenzene	20.000	20.269	-1.3	69	0.00
81	sec-Butylbenzene	20.000	19.907	0.5	68	0.00
82	p-Isopropyltoluene	20.000	19.736	1.3	68	0.00
83 M	1,3-Dichlorobenzene	20.000	20.147	-0.7	70	0.00
84 M	1,4-Dichlorobenzene	20.000	19.522	2.4	68	0.00
85	n-Butylbenzene	20.000	18.465	7.7	65	0.00
86 T	Hexachloroethane	20.000	21.181	-5.9	74	0.00
87 M	1,2-Dichlorobenzene	20.000	20.348	-1.7	71	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.291	3.5	66	0.00
89	1,2,4-Trichlorobenzene	20.000	16.608	17.0	59	0.00
90	Hexachlorobutadiene	20.000	19.289	3.6	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.715	26.4	52	0.00
92	1,2,3-Trichlorobenzene	20.000	17.149	14.3	60	0.00

(#) = Out of Range

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