

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102319\
 Data File : VN058913.D
 Acq On : 22 Oct 2019 16:52
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 04:45:43 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	77	0.00
2 M	Dichlorodifluoromethane	20.000	20.762	-3.8	76	0.00
3 M	Chloromethane	20.000	21.285	-6.4	79	0.00
4 M	Vinyl Chloride	20.000	21.498	-7.5	79	0.00
5 M	Bromomethane	20.000	21.911	-9.6	79	0.00
6 M	Chloroethane	20.000	22.041	-10.2	82	0.00
7 M	Trichlorofluoromethane	20.000	21.905	-9.5	81	0.00
8 T	Diethyl Ether	20.000	20.372	-1.9	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.733	-3.7	78	0.00
10 M	1,1-Dichloroethene	20.000	20.351	-1.8	76	0.00
11	Methyl Iodide	20.000	20.176	-0.9	77	0.00
12	Methyl Acetate	20.000	20.410	-2.1	78	0.00
13 M	Acrolein	100.000	105.288	-5.3	84	0.00
14 M	Acrylonitrile	100.000	102.457	-2.5	80	0.00
15 M	Acetone	100.000	109.990	-10.0	86	0.00
16 M	Carbon Disulfide	20.000	20.308	-1.5	76	0.00
17	Allyl chloride	20.000	20.484	-2.4	77	0.00
18 M	Methylene Chloride	20.000	20.564	-2.8	77	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.743	-3.7	77	0.00
20 T	Diisopropyl ether	20.000	21.204	-6.0	80	0.00
21 M	1,1-Dichloroethane	20.000	21.442	-7.2	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.169	-0.8	75	0.00
23 M	tert-Butyl Alcohol	100.000	87.247	12.8	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.975	0.1	75	0.00
25 M	Chloroform	20.000	20.756	-3.8	77	0.00
26	Cyclohexane	20.000	19.751	1.2	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.853	-2.8	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	74	0.00
29	1,1-Dichloropropene	20.000	20.967	-4.8	76	0.00
30 M	2-Butanone	100.000	101.472	-1.5	76	0.00
31	2,2-Dichloropropane	20.000	22.069	-10.3	83	0.00
32 M	1,1,1-Trichloroethane	20.000	21.505	-7.5	77	0.00
33 M	Carbon Tetrachloride	20.000	21.224	-6.1	76	0.00
34 M	Benzene	20.000	21.212	-6.1	77	0.00
35	Methacrylonitrile	20.000	17.364	13.2	63	-0.01
36 M	1,2-Dichloroethane	20.000	21.793	-9.0	78	0.00
37 M	Trichloroethene	20.000	20.767	-3.8	75	0.00
38	Methylcyclohexane	20.000	19.202	4.0	71	0.00
39 M	1,2-Dichloropropane	20.000	21.812	-9.1	78	0.00
40	Dibromomethane	20.000	21.317	-6.6	77	0.00
41 M	Bromodichloromethane	20.000	21.517	-7.6	78	0.00
42 M	Vinyl Acetate	100.000	109.655	-9.7	77	0.00
43	Ethyl Acetate	20.000	19.855	0.7	72	0.00
44	Isopropyl Acetate	20.000	20.102	-0.5	74	0.00
45 T	1,4-Dioxane	400.000	375.015	6.2	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.688	1.6	74	0.00
47	n-amyl Acetate	20.000	18.291	8.5	69	0.00
48 M	t-1,3-Dichloropropene	20.000	20.447	-2.2	75	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.196	-6.0	77	0.00
50 M	1,1,2-Trichloroethane	20.000	21.133	-5.7	76	0.00
51	Ethyl methacrylate	20.000	19.214	3.9	72	0.00
52	1,3-Dichloropropane	20.000	21.084	-5.4	76	0.00
53 M	Dibromochloromethane	20.000	21.091	-5.5	78	0.00
54 M	1,2-Dibromoethane	20.000	20.882	-4.4	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.401	7.6	64	0.00
56 M	Bromoform	20.000	20.907	-4.5	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.336	-5.3	75	0.00
59 M	2-Hexanone	100.000	99.247	0.8	73	0.00
60 S	4-Bromofluorobenzene	30.000	28.854	3.8	73	0.00
61 M	Tetrachloroethene	20.000	20.791	-4.0	75	0.00
62 M	Toluene	20.000	20.988	-4.9	77	0.00
63 S	Toluene-d8	30.000	30.536	-1.8	76	0.00
64 M	Chlorobenzene	20.000	20.508	-2.5	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.430	-2.1	76	0.00
66 M	Ethyl Benzene	20.000	20.149	-0.7	74	0.00
67 M	m/p-Xylenes	40.000	39.691	0.8	73	0.00
68 M	o-Xylene	20.000	19.758	1.2	73	0.00
69 M	Styrene	20.000	19.087	4.6	72	0.00
70	Isopropylbenzene	20.000	19.708	1.5	72	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.180	-0.9	75	0.00
72	1,2,3-Trichloropropane	20.000	21.169	-5.8	78	0.00
73	Bromobenzene	20.000	19.735	1.3	74	0.00
74	n-propylbenzene	20.000	20.240	-1.2	73	0.00
75	2-Chlorotoluene	20.000	19.986	0.1	74	0.00
76	1,3,5-Trimethylbenzene	20.000	19.828	0.9	73	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.894	5.5	73	0.00
78	4-Chlorotoluene	20.000	19.853	0.7	74	0.00
79	tert-butylbenzene	20.000	19.561	2.2	72	0.00
80	1,2,4-Trimethylbenzene	20.000	19.789	1.1	73	0.00
81	sec-Butylbenzene	20.000	19.672	1.6	72	0.00
82	p-Isopropyltoluene	20.000	19.139	4.3	71	0.00
83 M	1,3-Dichlorobenzene	20.000	19.438	2.8	73	0.00
84 M	1,4-Dichlorobenzene	20.000	18.542	7.3	70	0.00
85	n-Butylbenzene	20.000	18.094	9.5	69	0.00
86 T	Hexachloroethane	20.000	20.005	-0.0	76	0.00
87 M	1,2-Dichlorobenzene	20.000	19.777	1.1	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.814	5.9	70	0.00
89	1,2,4-Trichlorobenzene	20.000	16.477	17.6	63	0.00
90	Hexachlorobutadiene	20.000	18.945	5.3	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.107	19.5	61	0.00
92	1,2,3-Trichlorobenzene	20.000	17.793	11.0	68	0.00

(#) = Out of Range

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