

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092019\
 Data File : VN058234.D
 Acq On : 20 Sep 2019 8:47
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 23 03:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 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	113	0.00
2 M	Dichlorodifluoromethane	20.000	19.512	2.4	112	0.00
3 M	Chloromethane	20.000	16.942	15.3	96	0.00
4 M	Vinyl Chloride	20.000	16.910	15.4	94	0.00
5 M	Bromomethane	20.000	13.220	33.9#	72	0.00
6 M	Chloroethane	20.000	16.953	15.2	93	0.00
7 M	Trichlorofluoromethane	20.000	18.239	8.8	91	0.00
8 T	Diethyl Ether	20.000	20.135	-0.7	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.929	-4.6	118	0.00
10 M	1,1-Dichloroethene	20.000	19.731	1.3	114	0.00
11	Methyl Iodide	20.000	14.379	28.1	83	0.00
12	Methyl Acetate	20.000	19.241	3.8	108	0.00
13 M	Acrolein	100.000	108.799	-8.8	137	0.00
14 M	Acrylonitrile	100.000	96.199	3.8	110	0.00
15 M	Acetone	100.000	112.151	-12.2	118	0.00
16 M	Carbon Disulfide	20.000	17.574	12.1	106	0.00
17	Allyl chloride	20.000	19.755	1.2	117	0.00
18 M	Methylene Chloride	20.000	19.605	2.0	113	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.256	3.7	111	0.00
20 T	Diisopropyl ether	20.000	19.165	4.2	111	0.00
21 M	1,1-Dichloroethane	20.000	19.798	1.0	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.034	-0.2	115	0.00
23 M	tert-Butyl Alcohol	100.000	87.945	12.1	98	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.271	3.6	110	0.00
25 M	Chloroform	20.000	19.971	0.1	115	0.00
26	Cyclohexane	20.000	19.029	4.9	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.194	-0.6	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	19.647	1.8	112	0.00
30 M	2-Butanone	100.000	104.936	-4.9	116	0.00
31	2,2-Dichloropropane	20.000	20.043	-0.2	118	0.00
32 M	1,1,1-Trichloroethane	20.000	20.134	-0.7	115	0.00
33 M	Carbon Tetrachloride	20.000	19.385	3.1	115	0.00
34 M	Benzene	20.000	20.023	-0.1	113	0.00
35	Methacrylonitrile	20.000	16.485	17.6	101	0.00
36 M	1,2-Dichloroethane	20.000	19.934	0.3	113	0.00
37 M	Trichloroethene	20.000	19.983	0.1	114	0.00
38	Methylcyclohexane	20.000	19.910	0.4	115	0.00
39 M	1,2-Dichloropropane	20.000	20.061	-0.3	114	0.00
40	Dibromomethane	20.000	19.773	1.1	111	0.00
41 M	Bromodichloromethane	20.000	19.199	4.0	114	0.00
42 M	Vinyl Acetate	100.000	104.017	-4.0	111	0.00
43	Ethyl Acetate	20.000	19.277	3.6	107	0.00
44	Isopropyl Acetate	20.000	19.713	1.4	116	0.00
45 T	1,4-Dioxane	400.000	350.424	12.4	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.641	6.8	110	0.00
47	n-amyl Acetate	20.000	18.067	9.7	109	0.00
48 M	t-1,3-Dichloropropene	20.000	18.873	5.6	116	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.254	3.7	116	0.00
50 M	1,1,2-Trichloroethane	20.000	20.024	-0.1	114	0.00
51	Ethyl methacrylate	20.000	18.774	6.1	112	0.00
52	1,3-Dichloropropane	20.000	19.787	1.1	113	0.00
53 M	Dibromochloromethane	20.000	18.839	5.8	119	0.00
54 M	1,2-Dibromoethane	20.000	19.401	3.0	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.582	10.4	98	0.00
56 M	Bromoform	20.000	17.868	10.7	117	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.150	-3.2	109	0.00
59 M	2-Hexanone	100.000	104.675	-4.7	115	0.00
60 S	4-Bromofluorobenzene	30.000	30.111	-0.4	113	0.00
61 M	Tetrachloroethene	20.000	19.940	0.3	114	0.00
62 M	Toluene	20.000	20.264	-1.3	113	0.00
63 S	Toluene-d8	30.000	29.568	1.4	106	0.00
64 M	Chlorobenzene	20.000	19.781	1.1	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.766	1.2	118	0.00
66 M	Ethyl Benzene	20.000	20.604	-3.0	114	0.00
67 M	m/p-Xylenes	40.000	39.252	1.9	113	0.00
68 M	o-Xylene	20.000	19.207	4.0	113	0.00
69 M	Styrene	20.000	19.523	2.4	115	0.00
70	Isopropylbenzene	20.000	20.634	-3.2	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.606	2.0	113	0.00
72	1,2,3-Trichloropropane	20.000	19.542	2.3	114	0.00
73	Bromobenzene	20.000	19.816	0.9	119	0.00
74	n-propylbenzene	20.000	21.274	-6.4	116	0.00
75	2-Chlorotoluene	20.000	20.208	-1.0	118	0.00
76	1,3,5-Trimethylbenzene	20.000	20.041	-0.2	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.339	13.3	122	0.00
78	4-Chlorotoluene	20.000	20.354	-1.8	121	0.00
79	tert-butylbenzene	20.000	19.684	1.6	112	0.00
80	1,2,4-Trimethylbenzene	20.000	20.368	-1.8	115	0.00
81	sec-Butylbenzene	20.000	20.339	-1.7	115	0.00
82	p-Isopropyltoluene	20.000	20.253	-1.3	114	0.00
83 M	1,3-Dichlorobenzene	20.000	19.842	0.8	118	0.00
84 M	1,4-Dichlorobenzene	20.000	19.908	0.5	121	0.00
85	n-Butylbenzene	20.000	19.429	2.9	111	0.00
86 T	Hexachloroethane	20.000	17.879	10.6	118	0.00
87 M	1,2-Dichlorobenzene	20.000	20.111	-0.6	121	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.733	6.3	117	0.00
89	1,2,4-Trichlorobenzene	20.000	18.835	5.8	117	0.00
90	Hexachlorobutadiene	20.000	21.320	-6.6	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.406	13.0	104	0.00
92	1,2,3-Trichlorobenzene	20.000	18.452	7.7	112	0.00

(#) = Out of Range

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