

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082719\
 Data File : VN057542.D
 Acq On : 27 Aug 2019 9:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 27 10:06:54 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	20.158	-0.8	99	0.00
3 M	Chloromethane	20.000	19.932	0.3	99	0.00
4 M	Vinyl Chloride	20.000	20.304	-1.5	97	0.00
5 M	Bromomethane	20.000	20.048	-0.2	97	0.00
6 M	Chloroethane	20.000	19.993	0.0	98	0.00
7 M	Trichlorofluoromethane	20.000	19.574	2.1	95	0.00
8 T	Diethyl Ether	20.000	19.378	3.1	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.030	-0.2	97	0.00
10 M	1,1-Dichloroethene	20.000	19.434	2.8	97	0.00
11	Methyl Iodide	20.000	16.986	15.1	100	0.00
12	Methyl Acetate	20.000	18.061	9.7	95	0.00
13 M	Acrolein	100.000	91.319	8.7	90	0.00
14 M	Acrylonitrile	100.000	96.656	3.3	98	0.00
15 M	Acetone	100.000	118.077	-18.1	104	0.00
16 M	Carbon Disulfide	20.000	19.023	4.9	97	0.00
17	Allyl chloride	20.000	18.881	5.6	95	0.00
18 M	Methylene Chloride	20.000	20.221	-1.1	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.440	-2.2	106	0.00
20 T	Diisopropyl ether	20.000	19.715	1.4	98	0.00
21 M	1,1-Dichloroethane	20.000	20.280	-1.4	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.578	-2.9	103	0.00
23 M	tert-Butyl Alcohol	100.000	89.942	10.1	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.996	0.0	100	0.00
25 M	Chloroform	20.000	20.296	-1.5	103	0.00
26	Cyclohexane	20.000	19.772	1.1	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.160	-0.5	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.418	2.9	101	0.00
30 M	2-Butanone	100.000	98.522	1.5	99	0.00
31	2,2-Dichloropropane	20.000	19.946	0.3	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.448	2.8	101	0.00
33 M	Carbon Tetrachloride	20.000	18.861	5.7	99	0.00
34 M	Benzene	20.000	19.653	1.7	101	0.00
35	Methacrylonitrile	20.000	16.019	19.9	79	0.00
36 M	1,2-Dichloroethane	20.000	19.750	1.3	104	0.00
37 M	Trichloroethene	20.000	19.947	0.3	102	0.00
38	Methylcyclohexane	20.000	19.501	2.5	103	0.00
39 M	1,2-Dichloropropane	20.000	19.320	3.4	100	0.00
40	Dibromomethane	20.000	19.783	1.1	103	0.00
41 M	Bromodichloromethane	20.000	18.024	9.9	96	0.00
42 M	Vinyl Acetate	100.000	91.531	8.5	95	0.00
43	Ethyl Acetate	20.000	19.429	2.9	100	0.00
44	Isopropyl Acetate	20.000	17.785	11.1	92	0.00
45 T	1,4-Dioxane	400.000	350.636	12.3	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.959	10.2	95	0.00
47	n-amyl Acetate	20.000	17.457	12.7	98	0.00
48 M	t-1,3-Dichloropropene	20.000	17.961	10.2	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.804	11.0	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.052	-0.3	104	0.00
51	Ethyl methacrylate	20.000	18.014	9.9	97	0.00
52	1,3-Dichloropropane	20.000	19.155	4.2	99	0.00
53 M	Dibromochloromethane	20.000	17.996	10.0	96	0.00
54 M	1,2-Dibromoethane	20.000	19.119	4.4	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.122	-1.1	125	0.00
56 M	Bromoform	20.000	15.809	21.0	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.058	6.9	96	0.00
59 M	2-Hexanone	100.000	94.304	5.7	96	0.00
60 S	4-Bromofluorobenzene	30.000	28.452	5.2	105	0.00
61 M	Tetrachloroethene	20.000	21.148	-5.7	108	0.00
62 M	Toluene	20.000	20.077	-0.4	105	0.00
63 S	Toluene-d8	30.000	30.093	-0.3	103	0.00
64 M	Chlorobenzene	20.000	20.147	-0.7	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.611	1.9	104	0.00
66 M	Ethyl Benzene	20.000	20.240	-1.2	107	0.00
67 M	m/p-Xylenes	40.000	39.865	0.3	107	0.00
68 M	o-Xylene	20.000	19.670	1.6	103	0.00
69 M	Styrene	20.000	19.180	4.1	107	0.00
70	Isopropylbenzene	20.000	19.916	0.4	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.158	4.2	102	0.00
72	1,2,3-Trichloropropane	20.000	18.964	5.2	103	0.00
73	Bromobenzene	20.000	19.609	2.0	108	0.00
74	n-propylbenzene	20.000	19.188	4.1	107	0.00
75	2-Chlorotoluene	20.000	19.776	1.1	107	0.00
76	1,3,5-Trimethylbenzene	20.000	20.087	-0.4	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.468	22.7	86	0.00
78	4-Chlorotoluene	20.000	19.209	4.0	111	0.00
79	tert-butylbenzene	20.000	19.907	0.5	107	0.00
80	1,2,4-Trimethylbenzene	20.000	19.994	0.0	108	0.00
81	sec-Butylbenzene	20.000	19.793	1.0	108	0.00
82	p-Isopropyltoluene	20.000	19.225	3.9	109	0.00
83 M	1,3-Dichlorobenzene	20.000	18.756	6.2	109	0.00
84 M	1,4-Dichlorobenzene	20.000	18.670	6.6	113	0.00
85	n-Butylbenzene	20.000	19.224	3.9	117	0.00
86 T	Hexachloroethane	20.000	17.201	14.0	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.310	3.5	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.816	20.9	94	0.00
89	1,2,4-Trichlorobenzene	20.000	13.879	30.6#	117	0.00
90	Hexachlorobutadiene	20.000	20.988	-4.9	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.752	6.2	100	0.00
92	1,2,3-Trichlorobenzene	20.000	15.085	24.6	114	0.00

(#) = Out of Range

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