

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052219\
 Data File : VN055741.D
 Acq On : 23 May 2019 1:17
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 23 07:01:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 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	18.629	6.9	95	0.00
3 M	Chloromethane	20.000	19.586	2.1	97	0.00
4 M	Vinyl Chloride	20.000	19.886	0.6	99	0.00
5 M	Bromomethane	20.000	23.198	-16.0	109	0.00
6 M	Chloroethane	20.000	21.346	-6.7	105	0.00
7 M	Trichlorofluoromethane	20.000	20.335	-1.7	103	0.00
8 T	Diethyl Ether	20.000	20.840	-4.2	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.198	4.0	96	0.00
10 M	1,1-Dichloroethene	20.000	19.802	1.0	99	0.00
11	Methyl Iodide	20.000	19.328	3.4	99	0.00
12	Methyl Acetate	20.000	18.587	7.1	95	0.00
13 M	Acrolein	100.000	89.652	10.3	94	0.00
14 M	Acrylonitrile	100.000	96.744	3.3	96	0.00
15 M	Acetone	100.000	82.000	18.0	78	0.00
16 M	Carbon Disulfide	20.000	19.486	2.6	98	0.00
17	Allyl chloride	20.000	18.735	6.3	95	0.00
18 M	Methylene Chloride	20.000	20.195	-1.0	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.680	1.6	98	0.00
20 T	Diisopropyl ether	20.000	19.201	4.0	97	0.00
21 M	1,1-Dichloroethane	20.000	19.741	1.3	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.059	-0.3	101	0.00
23 M	tert-Butyl Alcohol	100.000	96.254	3.7	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.942	0.3	100	0.00
25 M	Chloroform	20.000	20.447	-2.2	103	0.00
26	Cyclohexane	20.000	19.109	4.5	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.044	-0.1	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.981	0.1	99	0.00
30 M	2-Butanone	100.000	94.189	5.8	91	0.00
31	2,2-Dichloropropane	20.000	16.126	19.4	77	0.00
32 M	1,1,1-Trichloroethane	20.000	20.435	-2.2	100	0.00
33 M	Carbon Tetrachloride	20.000	20.476	-2.4	100	0.00
34 M	Benzene	20.000	20.357	-1.8	100	0.00
35	Methacrylonitrile	20.000	19.173	4.1	96	0.00
36 M	1,2-Dichloroethane	20.000	20.537	-2.7	101	0.00
37 M	Trichloroethene	20.000	20.188	-0.9	100	0.00
38	Methylcyclohexane	20.000	19.105	4.5	96	0.00
39 M	1,2-Dichloropropane	20.000	20.204	-1.0	99	0.00
40	Dibromomethane	20.000	20.871	-4.4	104	0.00
41 M	Bromodichloromethane	20.000	20.358	-1.8	100	0.00
42 M	Vinyl Acetate	100.000	98.755	1.2	96	0.00
43	Ethyl Acetate	20.000	20.555	-2.8	99	0.00
44	Isopropyl Acetate	20.000	19.563	2.2	97	0.00
45 T	1,4-Dioxane	400.000	400.677	-0.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.330	3.4	95	0.00
47	n-amyl Acetate	20.000	18.508	7.5	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.514	7.4	93	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.204	4.0	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.261	-1.3	100	0.00
51	Ethyl methacrylate	20.000	19.514	2.4	97	0.00
52	1,3-Dichloropropane	20.000	20.144	-0.7	98	0.00
53 M	Dibromochloromethane	20.000	20.294	-1.5	102	0.00
54 M	1,2-Dibromoethane	20.000	20.321	-1.6	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.083	7.9	93	0.00
56 M	Bromoform	20.000	18.613	6.9	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.753	1.2	96	0.00
59 M	2-Hexanone	100.000	94.452	5.5	93	0.00
60 S	4-Bromofluorobenzene	30.000	28.830	3.9	98	0.00
61 M	Tetrachloroethene	20.000	20.910	-4.6	101	0.00
62 M	Toluene	20.000	20.546	-2.7	101	0.00
63 S	Toluene-d8	30.000	30.189	-0.6	99	0.00
64 M	Chlorobenzene	20.000	20.228	-1.1	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.419	-2.1	100	0.00
66 M	Ethyl Benzene	20.000	20.129	-0.6	99	0.00
67 M	m/p-Xylenes	40.000	40.502	-1.3	99	0.00
68 M	o-Xylene	20.000	20.366	-1.8	99	0.00
69 M	Styrene	20.000	19.749	1.3	99	0.00
70	Isopropylbenzene	20.000	20.381	-1.9	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.417	-2.1	99	0.00
72	1,2,3-Trichloropropane	20.000	20.746	-3.7	99	0.00
73	Bromobenzene	20.000	19.707	1.5	99	0.00
74	n-propylbenzene	20.000	19.577	2.1	98	0.00
75	2-Chlorotoluene	20.000	20.153	-0.8	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.122	-0.6	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.970	15.2	87	0.00
78	4-Chlorotoluene	20.000	19.465	2.7	98	0.00
79	tert-butylbenzene	20.000	20.368	-1.8	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.087	-0.4	100	0.00
81	sec-Butylbenzene	20.000	19.942	0.3	98	0.00
82	p-Isopropyltoluene	20.000	19.646	1.8	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.249	3.8	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.554	7.2	96	0.00
85	n-Butylbenzene	20.000	18.534	7.3	97	0.00
86 T	Hexachloroethane	20.000	19.791	1.0	97	0.00
87 M	1,2-Dichlorobenzene	20.000	19.591	2.0	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.979	5.1	94	0.00
89	1,2,4-Trichlorobenzene	20.000	16.323	18.4	95	0.00
90	Hexachlorobutadiene	20.000	18.175	9.1	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.146	14.3	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.258	13.7	93	0.00

(#) = Out of Range

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