

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081420\
 Data File : VN062934.D
 Acq On : 14 Aug 2020 11:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 14 14:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 06:20:27 2020
 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.896	-4.5	95	0.00
3 M	Chloromethane	20.000	17.869	10.7	94	0.00
4 M	Vinyl Chloride	20.000	17.311	13.4	96	0.00
5 M	Bromomethane	20.000	21.515	-7.6	105	0.00
6 M	Chloroethane	20.000	21.544	-7.7	103	0.00
7 M	Trichlorofluoromethane	20.000	20.254	-1.3	89	0.00
8 T	Diethyl Ether	20.000	18.715	6.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.395	-2.0	102	0.00
10 M	1,1-Dichloroethene	20.000	19.233	3.8	98	0.00
11	Methyl Iodide	20.000	18.478	7.6	97	0.00
12	Methyl Acetate	20.000	18.663	6.7	95	0.00
13 M	Acrolein	100.000	76.085	23.9	86	0.00
14 M	Acrylonitrile	100.000	91.126	8.9	95	0.00
15 M	Acetone	100.000	96.718	3.3	94	0.00
16 M	Carbon Disulfide	20.000	18.045	9.8	98	0.00
17	Allyl chloride	20.000	18.312	8.4	98	0.00
18 M	Methylene Chloride	20.000	19.259	3.7	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.053	4.7	100	0.00
20 T	Diisopropyl ether	20.000	18.820	5.9	94	0.00
21 M	1,1-Dichloroethane	20.000	18.882	5.6	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.942	0.3	101	0.00
23 M	tert-Butyl Alcohol	100.000	89.854	10.1	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.564	7.2	94	0.00
25 M	Chloroform	20.000	20.190	-1.0	101	0.00
26	Cyclohexane	20.000	18.740	6.3	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.191	-0.6	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.311	-1.6	99	0.00
30 M	2-Butanone	100.000	95.731	4.3	95	0.00
31	2,2-Dichloropropane	20.000	25.029	-25.1	119	0.00
32 M	1,1,1-Trichloroethane	20.000	20.557	-2.8	100	0.00
33 M	Carbon Tetrachloride	20.000	20.991	-5.0	102	0.00
34 M	Benzene	20.000	19.936	0.3	98	0.00
35	Methacrylonitrile	20.000	19.549	2.3	109	0.00
36 M	1,2-Dichloroethane	20.000	20.144	-0.7	97	0.00
37 M	Trichloroethene	20.000	19.635	1.8	95	0.00
38	Methylcyclohexane	20.000	19.735	1.3	99	0.00
39 M	1,2-Dichloropropane	20.000	19.776	1.1	97	0.00
40	Dibromomethane	20.000	20.950	-4.7	101	0.00
41 M	Bromodichloromethane	20.000	20.505	-2.5	99	0.00
42 M	Vinyl Acetate	100.000	91.341	8.7	94	0.00
43	Ethyl Acetate	20.000	19.174	4.1	97	0.00
44	Isopropyl Acetate	20.000	18.752	6.2	97	0.00
45 T	1,4-Dioxane	400.000	373.979	6.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.232	8.8	94	0.00
47	n-amyl Acetate	20.000	17.459	12.7	91	0.00
48 M	t-1,3-Dichloropropene	20.000	19.542	2.3	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.331	-1.7	102	0.00
50 M	1,1,2-Trichloroethane	20.000	20.669	-3.3	100	0.00
51	Ethyl methacrylate	20.000	18.672	6.6	97	0.00
52	1,3-Dichloropropane	20.000	19.822	0.9	96	0.00
53 M	Dibromochloromethane	20.000	20.926	-4.6	102	0.00
54 M	1,2-Dibromoethane	20.000	20.451	-2.3	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.787	15.2	98	0.00
56 M	Bromoform	20.000	19.999	0.0	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.736	8.3	94	0.00
59 M	2-Hexanone	100.000	90.350	9.7	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.021	3.3	101	0.00
61 M	Tetrachloroethene	20.000	20.534	-2.7	106	0.00
62 M	Toluene	20.000	19.276	3.6	98	0.00
63 S	Toluene-d8	30.000	30.039	-0.1	99	0.00
64 M	Chlorobenzene	20.000	19.324	3.4	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.279	3.6	97	0.00
66 M	Ethyl Benzene	20.000	19.100	4.5	101	0.00
67 M	m/p-Xylenes	40.000	40.142	-0.4	102	0.00
68 M	o-Xylene	20.000	19.040	4.8	100	0.00
69 M	Styrene	20.000	19.191	4.0	99	0.00
70	Isopropylbenzene	20.000	19.377	3.1	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.459	2.7	100	0.00
72	1,2,3-Trichloropropane	20.000	19.107	4.5	93	0.00
73	Bromobenzene	20.000	20.075	-0.4	105	0.00
74	n-propylbenzene	20.000	19.269	3.7	103	0.00
75	2-Chlorotoluene	20.000	19.326	3.4	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.454	2.7	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.087	9.6	100	0.00
78	4-Chlorotoluene	20.000	19.231	3.8	102	0.00
79	tert-butylbenzene	20.000	18.990	5.1	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.878	5.6	101	0.00
81	sec-Butylbenzene	20.000	18.910	5.4	102	0.00
82	p-Isopropyltoluene	20.000	19.130	4.4	104	0.00
83 M	1,3-Dichlorobenzene	20.000	19.488	2.6	104	0.00
84 M	1,4-Dichlorobenzene	20.000	19.480	2.6	107	0.00
85	n-Butylbenzene	20.000	16.593	17.0	103	0.00
86 T	Hexachloroethane	20.000	18.547	7.3	104	0.00
87 M	1,2-Dichlorobenzene	20.000	18.174	9.1	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.942	10.3	113	0.00
89	1,2,4-Trichlorobenzene	20.000	17.190	14.0	110	0.00
90	Hexachlorobutadiene	20.000	22.120	-10.6	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.678	26.6	102	0.00
92	1,2,3-Trichlorobenzene	20.000	17.428	12.9	111	0.00

(#) = Out of Range

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