

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082020\
 Data File : VN063044.D
 Acq On : 20 Aug 2020 18:25
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 21 06:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	21.162	-5.8	93	0.00
3 M	Chloromethane	20.000	21.785	-8.9	96	0.00
4 M	Vinyl Chloride	20.000	20.905	-4.5	94	0.00
5 M	Bromomethane	20.000	17.705	11.5	80	-0.03
6 M	Chloroethane	20.000	20.465	-2.3	93	-0.02
7 M	Trichlorofluoromethane	20.000	20.202	-1.0	92	0.00
8 T	Diethyl Ether	20.000	19.744	1.3	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.845	5.8	90	0.00
10 M	1,1-Dichloroethene	20.000	18.831	5.8	90	0.00
11	Methyl Iodide	20.000	19.249	3.8	96	0.00
12	Methyl Acetate	20.000	20.526	-2.6	95	0.00
13 M	Acrolein	100.000	85.973	14.0	89	0.00
14 M	Acrylonitrile	100.000	100.078	-0.1	94	0.00
15 M	Acetone	100.000	89.217	10.8	84	0.00
16 M	Carbon Disulfide	20.000	19.065	4.7	90	0.00
17	Allyl chloride	20.000	18.332	8.3	90	0.00
18 M	Methylene Chloride	20.000	26.527	-32.6#	124	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.181	4.1	93	0.00
20 T	Diisopropyl ether	20.000	20.153	-0.8	95	0.00
21 M	1,1-Dichloroethane	20.000	19.631	1.8	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.053	4.7	93	0.00
23 M	tert-Butyl Alcohol	100.000	78.823	21.2	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.359	3.2	94	0.00
25 M	Chloroform	20.000	19.789	1.1	95	0.00
26	Cyclohexane	20.000	19.002	5.0	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.387	-1.3	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	18.731	6.3	89	0.00
30 M	2-Butanone	100.000	98.325	1.7	92	0.00
31	2,2-Dichloropropane	20.000	17.392	13.0	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.903	0.5	93	0.00
33 M	Carbon Tetrachloride	20.000	19.940	0.3	94	0.00
34 M	Benzene	20.000	20.040	-0.2	93	0.00
35	Methacrylonitrile	20.000	18.088	9.6	80	0.00
36 M	1,2-Dichloroethane	20.000	20.128	-0.6	93	0.00
37 M	Trichloroethene	20.000	19.224	3.9	90	0.00
38	Methylcyclohexane	20.000	17.630	11.9	86	0.00
39 M	1,2-Dichloropropane	20.000	20.310	-1.5	94	0.00
40	Dibromomethane	20.000	20.890	-4.5	97	0.00
41 M	Bromodichloromethane	20.000	19.657	1.7	93	0.00
42 M	Vinyl Acetate	100.000	95.206	4.8	94	0.00
43	Ethyl Acetate	20.000	21.159	-5.8	98	0.00
44	Isopropyl Acetate	20.000	20.401	-2.0	97	0.00
45 T	1,4-Dioxane	400.000	255.816	36.0#	62	0.00

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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)
46	Methyl methacrylate	20.000	19.533	2.3	94	0.00
47	n-amyl Acetate	20.000	20.005	-0.0	102	0.00
48 M	t-1,3-Dichloropropene	20.000	18.790	6.1	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.991	5.0	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.572	-2.9	96	0.00
51	Ethyl methacrylate	20.000	19.316	3.4	95	0.00
52	1,3-Dichloropropane	20.000	20.332	-1.7	94	0.00
53 M	Dibromochloromethane	20.000	20.105	-0.5	94	0.00
54 M	1,2-Dibromoethane	20.000	20.413	-2.1	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.446	-15.4	127	0.00
56 M	Bromoform	20.000	19.969	0.2	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.341	-6.3	100	0.00
59 M	2-Hexanone	100.000	103.247	-3.2	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.452	-1.5	93	0.00
61 M	Tetrachloroethene	20.000	19.663	1.7	92	0.00
62 M	Toluene	20.000	19.398	3.0	93	0.00
63 S	Toluene-d8	30.000	30.345	-1.1	89	0.00
64 M	Chlorobenzene	20.000	19.579	2.1	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.062	-0.3	96	0.00
66 M	Ethyl Benzene	20.000	18.623	6.9	93	0.00
67 M	m/p-Xylenes	40.000	38.672	3.3	95	0.00
68 M	o-Xylene	20.000	19.204	4.0	96	0.00
69 M	Styrene	20.000	19.444	2.8	97	0.00
70	Isopropylbenzene	20.000	19.202	4.0	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.870	-4.4	98	0.00
72	1,2,3-Trichloropropane	20.000	20.374	-1.9	96	0.00
73	Bromobenzene	20.000	19.651	1.7	97	0.00
74	n-propylbenzene	20.000	18.976	5.1	95	0.00
75	2-Chlorotoluene	20.000	19.696	1.5	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.265	3.7	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.679	1.6	101	0.00
78	4-Chlorotoluene	20.000	19.296	3.5	96	0.00
79	tert-butylbenzene	20.000	19.443	2.8	99	0.00
80	1,2,4-Trimethylbenzene	20.000	18.805	6.0	94	0.00
81	sec-Butylbenzene	20.000	18.990	5.1	96	0.00
82	p-Isopropyltoluene	20.000	18.062	9.7	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.540	2.3	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.956	5.2	96	0.00
85	n-Butylbenzene	20.000	16.772	16.1	93	0.00
86 T	Hexachloroethane	20.000	19.278	3.6	97	0.00
87 M	1,2-Dichlorobenzene	20.000	20.249	-1.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.332	-1.7	101	0.00
89	1,2,4-Trichlorobenzene	20.000	15.659	21.7	90	0.00
90	Hexachlorobutadiene	20.000	17.725	11.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.731	26.3	89	0.00
92	1,2,3-Trichlorobenzene	20.000	15.256	23.7	84	0.00

(#) = Out of Range

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