

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071320\
 Data File : VN062518.D
 Acq On : 13 Jul 2020 16:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 14 01:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	20.404	-2.0	96	0.00
3 M	Chloromethane	20.000	20.002	-0.0	96	0.00
4 M	Vinyl Chloride	20.000	19.986	0.1	95	0.00
5 M	Bromomethane	20.000	17.629	11.9	89	0.00
6 M	Chloroethane	20.000	18.970	5.2	89	0.00
7 M	Trichlorofluoromethane	20.000	18.960	5.2	87	0.00
8 T	Diethyl Ether	20.000	19.705	1.5	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.714	1.4	93	0.00
10 M	1,1-Dichloroethene	20.000	19.631	1.8	93	0.00
11	Methyl Iodide	20.000	18.939	5.3	93	0.00
12	Methyl Acetate	20.000	18.567	7.2	89	0.00
13 M	Acrolein	100.000	89.526	10.5	83	0.00
14 M	Acrylonitrile	100.000	92.649	7.4	89	0.00
15 M	Acetone	100.000	77.652	22.3	62	0.00
16 M	Carbon Disulfide	20.000	19.260	3.7	93	0.00
17	Allyl chloride	20.000	18.257	8.7	83	0.00
18 M	Methylene Chloride	20.000	19.550	2.2	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.429	2.9	93	0.00
20 T	Diisopropyl ether	20.000	19.837	0.8	93	0.00
21 M	1,1-Dichloroethane	20.000	19.604	2.0	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.739	1.3	94	0.00
23 M	tert-Butyl Alcohol	100.000	95.153	4.8	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.368	3.2	92	0.00
25 M	Chloroform	20.000	19.588	2.1	93	0.00
26	Cyclohexane	20.000	19.864	0.7	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.553	4.8	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.229	-1.1	95	0.00
30 M	2-Butanone	100.000	91.047	9.0	79	0.00
31	2,2-Dichloropropane	20.000	19.643	1.8	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.169	-0.8	93	0.00
33 M	Carbon Tetrachloride	20.000	19.763	1.2	92	0.00
34 M	Benzene	20.000	20.324	-1.6	94	0.00
35	Methacrylonitrile	20.000	23.260	-16.3	103	0.00
36 M	1,2-Dichloroethane	20.000	20.238	-1.2	95	0.00
37 M	Trichloroethene	20.000	20.141	-0.7	94	0.00
38	Methylcyclohexane	20.000	20.004	-0.0	95	0.00
39 M	1,2-Dichloropropane	20.000	20.122	-0.6	93	0.00
40	Dibromomethane	20.000	19.903	0.5	92	0.00
41 M	Bromodichloromethane	20.000	19.955	0.2	93	0.00
42 M	Vinyl Acetate	100.000	100.030	-0.0	91	0.00
43	Ethyl Acetate	20.000	19.283	3.6	89	0.00
44	Isopropyl Acetate	20.000	19.567	2.2	92	0.00
45 T	1,4-Dioxane	400.000	380.544	4.9	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.906	5.5	88	0.00
47	n-amyl Acetate	20.000	18.674	6.6	90	0.00
48 M	t-1,3-Dichloropropene	20.000	19.605	2.0	93	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.910	0.4	94	0.00
50 M	1,1,2-Trichloroethane	20.000	20.163	-0.8	92	0.00
51	Ethyl methacrylate	20.000	19.439	2.8	92	0.00
52	1,3-Dichloropropane	20.000	19.743	1.3	91	0.00
53 M	Dibromochloromethane	20.000	19.930	0.4	92	0.00
54 M	1,2-Dibromoethane	20.000	19.786	1.1	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.454	1.5	95	0.00
56 M	Bromoform	20.000	19.796	1.0	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.788	1.2	88	0.00
59 M	2-Hexanone	100.000	94.229	5.8	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.639	1.2	93	0.00
61 M	Tetrachloroethene	20.000	20.622	-3.1	95	0.00
62 M	Toluene	20.000	20.470	-2.3	93	0.00
63 S	Toluene-d8	30.000	30.488	-1.6	92	0.00
64 M	Chlorobenzene	20.000	20.340	-1.7	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.248	-1.2	94	0.00
66 M	Ethyl Benzene	20.000	19.951	0.2	93	0.00
67 M	m/p-Xylenes	40.000	40.357	-0.9	95	0.00
68 M	o-Xylene	20.000	19.865	0.7	93	0.00
69 M	Styrene	20.000	19.669	1.7	93	0.00
70	Isopropylbenzene	20.000	20.098	-0.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.053	-0.3	93	0.00
72	1,2,3-Trichloropropane	20.000	17.943	10.3	83	0.00
73	Bromobenzene	20.000	19.844	0.8	94	0.00
74	n-propylbenzene	20.000	20.069	-0.3	96	0.00
75	2-Chlorotoluene	20.000	20.131	-0.7	95	0.00
76	1,3,5-Trimethylbenzene	20.000	20.013	-0.1	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.776	6.1	90	0.00
78	4-Chlorotoluene	20.000	19.895	0.5	95	0.00
79	tert-butylbenzene	20.000	20.145	-0.7	95	0.00
80	1,2,4-Trimethylbenzene	20.000	19.603	2.0	93	0.00
81	sec-Butylbenzene	20.000	19.922	0.4	96	0.00
82	p-Isopropyltoluene	20.000	19.737	1.3	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.799	1.0	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.549	2.3	96	0.00
85	n-Butylbenzene	20.000	18.756	6.2	96	0.00
86 T	Hexachloroethane	20.000	19.168	4.2	93	0.00
87 M	1,2-Dichlorobenzene	20.000	20.236	-1.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.135	4.3	89	0.00
89	1,2,4-Trichlorobenzene	20.000	18.745	6.3	97	0.00
90	Hexachlorobutadiene	20.000	20.395	-2.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.380	8.1	95	0.00
92	1,2,3-Trichlorobenzene	20.000	19.368	3.2	98	0.00

(#) = Out of Range

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