

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072020\
 Data File : VN062553.D
 Acq On : 20 Jul 2020 10:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 21 01:11:24 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	18.453	7.7	85	0.00
3 M	Chloromethane	20.000	17.543	12.3	82	0.00
4 M	Vinyl Chloride	20.000	17.319	13.4	80	0.00
5 M	Bromomethane	20.000	16.214	18.9	80	0.00
6 M	Chloroethane	20.000	17.214	13.9	78	0.00
7 M	Trichlorofluoromethane	20.000	19.109	4.5	85	0.00
8 T	Diethyl Ether	20.000	18.253	8.7	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.722	6.4	86	0.00
10 M	1,1-Dichloroethene	20.000	18.283	8.6	85	0.00
11	Methyl Iodide	20.000	18.657	6.7	89	0.00
12	Methyl Acetate	20.000	18.480	7.6	87	0.00
13 M	Acrolein	100.000	87.989	12.0	79	0.00
14 M	Acrylonitrile	100.000	91.747	8.3	86	0.00
15 M	Acetone	100.000	105.190	-5.2	82	0.00
16 M	Carbon Disulfide	20.000	17.680	11.6	83	0.00
17	Allyl chloride	20.000	18.255	8.7	81	0.00
18 M	Methylene Chloride	20.000	19.009	5.0	86	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.779	11.1	83	0.00
20 T	Diisopropyl ether	20.000	18.608	7.0	85	0.00
21 M	1,1-Dichloroethane	20.000	18.074	9.6	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.214	8.9	84	0.00
23 M	tert-Butyl Alcohol	100.000	96.523	3.5	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.163	9.2	84	0.00
25 M	Chloroform	20.000	18.953	5.2	87	0.00
26	Cyclohexane	20.000	17.179	14.1	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.306	2.3	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	19.166	4.2	84	0.00
30 M	2-Butanone	100.000	101.834	-1.8	82	0.00
31	2,2-Dichloropropane	20.000	19.883	0.6	84	0.00
32 M	1,1,1-Trichloroethane	20.000	20.380	-1.9	87	0.00
33 M	Carbon Tetrachloride	20.000	20.095	-0.5	87	0.00
34 M	Benzene	20.000	19.844	0.8	85	0.00
35	Methacrylonitrile	20.000	22.316	-11.6	92	0.00
36 M	1,2-Dichloroethane	20.000	20.368	-1.8	88	0.00
37 M	Trichloroethene	20.000	19.997	0.0	86	0.00
38	Methylcyclohexane	20.000	18.359	8.2	81	0.00
39 M	1,2-Dichloropropane	20.000	19.838	0.8	85	0.00
40	Dibromomethane	20.000	19.921	0.4	85	0.00
41 M	Bromodichloromethane	20.000	20.112	-0.6	86	0.00
42 M	Vinyl Acetate	100.000	96.346	3.7	81	0.00
43	Ethyl Acetate	20.000	19.600	2.0	84	0.00
44	Isopropyl Acetate	20.000	18.865	5.7	82	0.00
45 T	1,4-Dioxane	400.000	429.293	-7.3	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.052	4.7	82	0.00
47	n-amyl Acetate	20.000	18.384	8.1	82	0.00
48 M	t-1,3-Dichloropropene	20.000	19.457	2.7	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.255	3.7	84	0.00
50 M	1,1,2-Trichloroethane	20.000	20.430	-2.1	87	0.00
51	Ethyl methacrylate	20.000	18.264	8.7	80	0.00
52	1,3-Dichloropropane	20.000	20.007	-0.0	86	0.00
53 M	Dibromochloromethane	20.000	19.941	0.3	85	0.00
54 M	1,2-Dibromoethane	20.000	19.837	0.8	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.974	15.0	76	0.00
56 M	Bromoform	20.000	19.977	0.1	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.566	2.4	82	0.00
59 M	2-Hexanone	100.000	97.936	2.1	82	0.00
60 S	4-Bromofluorobenzene	30.000	30.185	-0.6	89	0.00
61 M	Tetrachloroethene	20.000	19.923	0.4	86	0.00
62 M	Toluene	20.000	19.493	2.5	83	0.00
63 S	Toluene-d8	30.000	30.556	-1.9	87	0.00
64 M	Chlorobenzene	20.000	19.746	1.3	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.110	-0.5	88	0.00
66 M	Ethyl Benzene	20.000	18.936	5.3	83	0.00
67 M	m/p-Xylenes	40.000	38.092	4.8	84	0.00
68 M	o-Xylene	20.000	18.910	5.4	83	0.00
69 M	Styrene	20.000	19.041	4.8	85	0.00
70	Isopropylbenzene	20.000	19.229	3.9	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.909	0.5	87	0.00
72	1,2,3-Trichloropropane	20.000	19.531	2.3	85	0.00
73	Bromobenzene	20.000	19.609	2.0	87	0.00
74	n-propylbenzene	20.000	19.289	3.6	87	0.00
75	2-Chlorotoluene	20.000	19.346	3.3	86	0.00
76	1,3,5-Trimethylbenzene	20.000	19.288	3.6	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.123	4.4	87	0.00
78	4-Chlorotoluene	20.000	19.037	4.8	85	0.00
79	tert-butylbenzene	20.000	18.974	5.1	84	0.00
80	1,2,4-Trimethylbenzene	20.000	19.182	4.1	86	0.00
81	sec-Butylbenzene	20.000	19.018	4.9	86	0.00
82	p-Isopropyltoluene	20.000	18.952	5.2	86	0.00
83 M	1,3-Dichlorobenzene	20.000	19.459	2.7	88	0.00
84 M	1,4-Dichlorobenzene	20.000	19.183	4.1	89	0.00
85	n-Butylbenzene	20.000	17.838	10.8	86	0.00
86 T	Hexachloroethane	20.000	19.551	2.2	89	0.00
87 M	1,2-Dichlorobenzene	20.000	19.661	1.7	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.645	1.8	86	0.00
89	1,2,4-Trichlorobenzene	20.000	17.202	14.0	84	0.00
90	Hexachlorobutadiene	20.000	20.452	-2.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.746	21.3	77	0.00
92	1,2,3-Trichlorobenzene	20.000	17.960	10.2	85	0.00

(#) = Out of Range

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