

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072020\
 Data File : VN062562.D
 Acq On : 20 Jul 2020 15:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 21 01:32:43 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	19.840	0.8	94	0.00
3 M	Chloromethane	20.000	18.070	9.6	87	0.00
4 M	Vinyl Chloride	20.000	19.036	4.8	91	0.00
5 M	Bromomethane	20.000	16.271	18.6	83	0.00
6 M	Chloroethane	20.000	19.086	4.6	90	0.00
7 M	Trichlorofluoromethane	20.000	21.025	-5.1	97	0.00
8 T	Diethyl Ether	20.000	19.493	2.5	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.149	-0.7	96	0.00
10 M	1,1-Dichloroethene	20.000	19.616	1.9	94	0.00
11	Methyl Iodide	20.000	12.472	37.6#	61	0.00
12	Methyl Acetate	20.000	18.682	6.6	90	0.00
13 M	Acrolein	100.000	73.107	26.9	68	0.00
14 M	Acrylonitrile	100.000	90.596	9.4	88	0.00
15 M	Acetone	100.000	79.685	20.3	64	0.00
16 M	Carbon Disulfide	20.000	18.870	5.6	92	0.00
17	Allyl chloride	20.000	17.603	12.0	80	0.00
18 M	Methylene Chloride	20.000	19.670	1.6	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.583	2.1	95	0.00
20 T	Diisopropyl ether	20.000	19.773	1.1	93	0.00
21 M	1,1-Dichloroethane	20.000	19.745	1.3	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.815	0.9	95	0.00
23 M	tert-Butyl Alcohol	100.000	85.168	14.8	79	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.291	3.5	92	0.00
25 M	Chloroform	20.000	20.212	-1.1	96	0.00
26	Cyclohexane	20.000	19.008	5.0	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.459	1.8	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	20.859	-4.3	97	0.00
30 M	2-Butanone	100.000	89.924	10.1	77	0.00
31	2,2-Dichloropropane	20.000	20.998	-5.0	95	0.00
32 M	1,1,1-Trichloroethane	20.000	21.225	-6.1	97	0.00
33 M	Carbon Tetrachloride	20.000	21.147	-5.7	97	0.00
34 M	Benzene	20.000	20.776	-3.9	95	0.00
35	Methacrylonitrile	20.000	17.319	13.4	76	0.00
36 M	1,2-Dichloroethane	20.000	20.944	-4.7	96	0.00
37 M	Trichloroethene	20.000	21.089	-5.4	97	0.00
38	Methylcyclohexane	20.000	19.616	1.9	92	0.00
39 M	1,2-Dichloropropane	20.000	20.613	-3.1	94	0.00
40	Dibromomethane	20.000	21.044	-5.2	96	0.00
41 M	Bromodichloromethane	20.000	21.025	-5.1	96	0.00
42 M	Vinyl Acetate	100.000	99.502	0.5	89	0.00
43	Ethyl Acetate	20.000	19.932	0.3	91	0.00
44	Isopropyl Acetate	20.000	19.126	4.4	88	0.00
45 T	1,4-Dioxane	400.000	349.003	12.7	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.783	6.1	86	0.00
47	n-amyl Acetate	20.000	18.787	6.1	89	0.00
48 M	t-1,3-Dichloropropene	20.000	20.203	-1.0	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.462	-2.3	95	0.00
50 M	1,1,2-Trichloroethane	20.000	21.159	-5.8	96	0.00
51	Ethyl methacrylate	20.000	19.018	4.9	89	0.00
52	1,3-Dichloropropane	20.000	20.937	-4.7	95	0.00
53 M	Dibromochloromethane	20.000	20.706	-3.5	95	0.00
54 M	1,2-Dibromoethane	20.000	20.503	-2.5	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.793	5.2	90	0.00
56 M	Bromoform	20.000	20.251	-1.3	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.700	6.3	86	0.00
59 M	2-Hexanone	100.000	89.405	10.6	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.951	0.2	97	0.00
61 M	Tetrachloroethene	20.000	21.133	-5.7	100	0.00
62 M	Toluene	20.000	20.277	-1.4	95	0.00
63 S	Toluene-d8	30.000	29.760	0.8	93	0.00
64 M	Chlorobenzene	20.000	20.173	-0.9	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.364	-1.8	97	0.00
66 M	Ethyl Benzene	20.000	19.880	0.6	95	0.00
67 M	m/p-Xylenes	40.000	40.323	-0.8	98	0.00
68 M	o-Xylene	20.000	19.694	1.5	95	0.00
69 M	Styrene	20.000	19.783	1.1	96	0.00
70	Isopropylbenzene	20.000	20.065	-0.3	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.637	1.8	93	0.00
72	1,2,3-Trichloropropane	20.000	18.777	6.1	89	0.00
73	Bromobenzene	20.000	20.081	-0.4	98	0.00
74	n-propylbenzene	20.000	20.397	-2.0	100	0.00
75	2-Chlorotoluene	20.000	20.217	-1.1	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.000	0.0	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.344	13.3	86	0.00
78	4-Chlorotoluene	20.000	20.479	-2.4	100	0.00
79	tert-butylbenzene	20.000	19.621	1.9	95	0.00
80	1,2,4-Trimethylbenzene	20.000	19.576	2.1	95	0.00
81	sec-Butylbenzene	20.000	19.900	0.5	98	0.00
82	p-Isopropyltoluene	20.000	19.853	0.7	99	0.00
83 M	1,3-Dichlorobenzene	20.000	20.773	-3.9	103	0.00
84 M	1,4-Dichlorobenzene	20.000	20.772	-3.9	105	0.00
85	n-Butylbenzene	20.000	18.845	5.8	100	0.00
86 T	Hexachloroethane	20.000	18.970	5.2	94	0.00
87 M	1,2-Dichlorobenzene	20.000	20.718	-3.6	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.554	7.2	89	0.00
89	1,2,4-Trichlorobenzene	20.000	20.342	-1.7	108	0.00
90	Hexachlorobutadiene	20.000	21.610	-8.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.047	14.8	91	0.00
92	1,2,3-Trichlorobenzene	20.000	20.048	-0.2	104	0.00

(#) = Out of Range

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