

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071420\
 Data File : VN062525.D
 Acq On : 14 Jul 2020 14:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 01:07:45 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	20.094	-0.5	98	0.00
3 M	Chloromethane	20.000	19.507	2.5	97	0.00
4 M	Vinyl Chloride	20.000	20.058	-0.3	99	0.00
5 M	Bromomethane	20.000	19.645	1.8	103	0.00
6 M	Chloroethane	20.000	17.060	14.7	83	0.00
7 M	Trichlorofluoromethane	20.000	19.522	2.4	93	0.00
8 T	Diethyl Ether	20.000	19.073	4.6	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.129	-0.6	99	0.00
10 M	1,1-Dichloroethene	20.000	19.680	1.6	97	0.00
11	Methyl Iodide	20.000	19.355	3.2	98	0.00
12	Methyl Acetate	20.000	18.039	9.8	90	0.00
13 M	Acrolein	100.000	87.272	12.7	84	0.00
14 M	Acrylonitrile	100.000	88.409	11.6	88	0.00
15 M	Acetone	100.000	81.397	18.6	68	0.00
16 M	Carbon Disulfide	20.000	19.229	3.9	96	0.00
17	Allyl chloride	20.000	20.174	-0.9	95	0.00
18 M	Methylene Chloride	20.000	19.534	2.3	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.306	3.5	96	0.00
20 T	Diisopropyl ether	20.000	19.793	1.0	96	0.00
21 M	1,1-Dichloroethane	20.000	19.480	2.6	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.691	1.5	97	0.00
23 M	tert-Butyl Alcohol	100.000	87.121	12.9	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.799	6.0	93	0.00
25 M	Chloroform	20.000	19.821	0.9	97	0.00
26	Cyclohexane	20.000	19.792	1.0	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.589	1.4	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.481	2.6	98	0.00
30 M	2-Butanone	100.000	84.198	15.8	78	0.00
31	2,2-Dichloropropane	20.000	19.377	3.1	95	0.00
32 M	1,1,1-Trichloroethane	20.000	19.561	2.2	97	0.00
33 M	Carbon Tetrachloride	20.000	19.729	1.4	98	0.00
34 M	Benzene	20.000	19.464	2.7	96	0.00
35	Methacrylonitrile	20.000	17.223	13.9	82	0.00
36 M	1,2-Dichloroethane	20.000	19.371	3.1	97	0.00
37 M	Trichloroethene	20.000	19.899	0.5	99	0.00
38	Methylcyclohexane	20.000	19.298	3.5	99	0.00
39 M	1,2-Dichloropropane	20.000	19.995	0.0	99	0.00
40	Dibromomethane	20.000	19.311	3.4	95	0.00
41 M	Bromodichloromethane	20.000	19.437	2.8	97	0.00
42 M	Vinyl Acetate	100.000	94.761	5.2	92	0.00
43	Ethyl Acetate	20.000	17.950	10.3	89	0.00
44	Isopropyl Acetate	20.000	17.990	10.1	90	0.00
45 T	1,4-Dioxane	400.000	366.557	8.4	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.087	9.6	90	0.00
47	n-amyl Acetate	20.000	17.583	12.1	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.491	7.5	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.212	3.9	97	0.00
50 M	1,1,2-Trichloroethane	20.000	19.142	4.3	94	0.00
51	Ethyl methacrylate	20.000	17.885	10.6	90	0.00
52	1,3-Dichloropropane	20.000	19.460	2.7	96	0.00
53 M	Dibromochloromethane	20.000	19.180	4.1	95	0.00
54 M	1,2-Dibromoethane	20.000	18.916	5.4	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.721	13.3	89	0.00
56 M	Bromoform	20.000	18.546	7.3	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.576	10.4	86	0.00
59 M	2-Hexanone	100.000	85.432	14.6	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.343	2.2	99	0.00
61 M	Tetrachloroethene	20.000	20.556	-2.8	102	0.00
62 M	Toluene	20.000	19.925	0.4	98	0.00
63 S	Toluene-d8	30.000	30.072	-0.2	98	0.00
64 M	Chlorobenzene	20.000	19.524	2.4	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.543	2.3	97	0.00
66 M	Ethyl Benzene	20.000	19.337	3.3	97	0.00
67 M	m/p-Xylenes	40.000	39.329	1.7	100	0.00
68 M	o-Xylene	20.000	19.274	3.6	97	0.00
69 M	Styrene	20.000	19.042	4.8	97	0.00
70	Isopropylbenzene	20.000	19.596	2.0	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.422	7.9	92	0.00
72	1,2,3-Trichloropropane	20.000	17.331	13.3	86	0.00
73	Bromobenzene	20.000	19.019	4.9	97	0.00
74	n-propylbenzene	20.000	19.563	2.2	101	0.00
75	2-Chlorotoluene	20.000	19.433	2.8	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.235	3.8	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.090	14.6	88	0.00
78	4-Chlorotoluene	20.000	19.257	3.7	99	0.00
79	tert-butylbenzene	20.000	19.329	3.4	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.279	3.6	98	0.00
81	sec-Butylbenzene	20.000	19.415	2.9	101	0.00
82	p-Isopropyltoluene	20.000	19.149	4.3	100	0.00
83 M	1,3-Dichlorobenzene	20.000	19.525	2.4	101	0.00
84 M	1,4-Dichlorobenzene	20.000	19.214	3.9	102	0.00
85	n-Butylbenzene	20.000	18.489	7.6	102	0.00
86 T	Hexachloroethane	20.000	18.520	7.4	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.295	3.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.816	15.9	84	0.00
89	1,2,4-Trichlorobenzene	20.000	18.336	8.3	102	0.00
90	Hexachlorobutadiene	20.000	19.766	1.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.726	16.4	93	0.00
92	1,2,3-Trichlorobenzene	20.000	17.982	10.1	98	0.00

(#) = Out of Range

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