

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102020\
 Data File : VN064209.D
 Acq On : 20 Oct 2020 20:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 21 05:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	20.377	-1.9	94	0.00
3 M	Chloromethane	20.000	19.507	2.5	92	0.00
4 M	Vinyl Chloride	20.000	18.796	6.0	88	0.00
5 M	Bromomethane	20.000	19.814	0.9	96	0.00
6 M	Chloroethane	20.000	18.971	5.1	90	0.00
7 M	Trichlorofluoromethane	20.000	19.323	3.4	88	0.00
8 T	Diethyl Ether	20.000	19.331	3.3	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.103	9.5	86	0.00
10 M	1,1-Dichloroethene	20.000	18.719	6.4	92	0.00
11	Methyl Iodide	20.000	18.093	9.5	92	0.00
12	Methyl Acetate	20.000	19.006	5.0	96	0.00
13 M	Acrolein	100.000	98.588	1.4	115	0.00
14 M	Acrylonitrile	100.000	94.199	5.8	96	0.00
15 M	Acetone	100.000	93.285	6.7	99	0.00
16 M	Carbon Disulfide	20.000	18.290	8.6	89	0.00
17	Allyl chloride	20.000	18.126	9.4	90	0.00
18 M	Methylene Chloride	20.000	19.063	4.7	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.054	9.7	89	0.00
20 T	Diisopropyl ether	20.000	18.714	6.4	92	0.00
21 M	1,1-Dichloroethane	20.000	19.187	4.1	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.936	10.3	88	0.00
23 M	tert-Butyl Alcohol	100.000	98.548	1.5	105	0.01
24 M	Methyl tert-Butyl Ether	20.000	18.720	6.4	92	0.00
25 M	Chloroform	20.000	18.629	6.9	92	0.00
26	Cyclohexane	20.000	18.259	8.7	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.836	-9.5	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	18.417	7.9	87	0.00
30 M	2-Butanone	100.000	96.271	3.7	98	0.00
31	2,2-Dichloropropane	20.000	16.764	16.2	80	0.00
32 M	1,1,1-Trichloroethane	20.000	18.992	5.0	92	0.00
33 M	Carbon Tetrachloride	20.000	19.282	3.6	93	0.00
34 M	Benzene	20.000	18.672	6.6	92	0.00
35	Methacrylonitrile	20.000	19.609	2.0	101	0.00
36 M	1,2-Dichloroethane	20.000	19.827	0.9	97	0.00
37 M	Trichloroethene	20.000	18.278	8.6	90	0.00
38	Methylcyclohexane	20.000	17.921	10.4	89	0.00
39 M	1,2-Dichloropropane	20.000	18.851	5.7	92	0.00
40	Dibromomethane	20.000	18.974	5.1	94	0.00
41 M	Bromodichloromethane	20.000	19.478	2.6	96	0.00
42 M	Vinyl Acetate	100.000	94.130	5.9	93	0.00
43	Ethyl Acetate	20.000	19.751	1.2	99	0.00
44	Isopropyl Acetate	20.000	19.274	3.6	95	0.00
45 T	1,4-Dioxane	400.000	384.176	4.0	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.533	2.3	95	0.00
47	n-amyl Acetate	20.000	18.482	7.6	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.434	7.8	91	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.939	10.3	90	0.00
50 M	1,1,2-Trichloroethane	20.000	18.425	7.9	90	0.00
51	Ethyl methacrylate	20.000	18.203	9.0	91	0.00
52	1,3-Dichloropropane	20.000	18.765	6.2	93	0.00
53 M	Dibromochloromethane	20.000	18.562	7.2	92	0.00
54 M	1,2-Dibromoethane	20.000	18.458	7.7	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.535	1.5	93	0.00
56 M	Bromoform	20.000	17.532	12.3	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.804	6.2	97	0.00
59 M	2-Hexanone	100.000	91.193	8.8	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.129	2.9	85	0.00
61 M	Tetrachloroethene	20.000	18.420	7.9	94	0.00
62 M	Toluene	20.000	17.900	10.5	91	0.00
63 S	Toluene-d8	30.000	29.656	1.1	87	0.00
64 M	Chlorobenzene	20.000	17.800	11.0	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.515	7.4	95	0.00
66 M	Ethyl Benzene	20.000	17.900	10.5	90	0.00
67 M	m/p-Xylenes	40.000	35.543	11.1	91	0.00
68 M	o-Xylene	20.000	17.907	10.5	94	0.00
69 M	Styrene	20.000	17.651	11.7	92	0.00
70	Isopropylbenzene	20.000	18.309	8.5	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.029	9.9	93	0.00
72	1,2,3-Trichloropropane	20.000	18.704	6.5	99	0.00
73	Bromobenzene	20.000	18.008	10.0	90	0.00
74	n-propylbenzene	20.000	17.526	12.4	90	0.00
75	2-Chlorotoluene	20.000	18.050	9.7	93	0.00
76	1,3,5-Trimethylbenzene	20.000	17.632	11.8	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.493	17.5	86	0.00
78	4-Chlorotoluene	20.000	17.580	12.1	92	0.00
79	tert-butylbenzene	20.000	17.881	10.6	91	0.00
80	1,2,4-Trimethylbenzene	20.000	17.603	12.0	89	0.00
81	sec-Butylbenzene	20.000	17.308	13.5	88	0.00
82	p-Isopropyltoluene	20.000	17.376	13.1	89	0.00
83 M	1,3-Dichlorobenzene	20.000	17.157	14.2	90	0.00
84 M	1,4-Dichlorobenzene	20.000	17.298	13.5	89	0.00
85	n-Butylbenzene	20.000	16.731	16.3	87	0.00
86 T	Hexachloroethane	20.000	17.592	12.0	90	0.00
87 M	1,2-Dichlorobenzene	20.000	17.418	12.9	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.708	11.5	95	0.00
89	1,2,4-Trichlorobenzene	20.000	16.894	15.5	86	0.00
90	Hexachlorobutadiene	20.000	16.544	17.3	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.164	14.2	91	0.00
92	1,2,3-Trichlorobenzene	20.000	17.490	12.6	91	0.00

(#) = Out of Range

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