

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066415.D
 Acq On : 30 Mar 2021 10:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 31 02:52:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	21.007	-5.0	90	0.00
3 M	Chloromethane	20.000	21.699	-8.5	94	0.00
4 M	Vinyl Chloride	20.000	22.695	-13.5	97	0.00
5 M	Bromomethane	20.000	21.846	-9.2	97	0.00
6 M	Chloroethane	20.000	22.658	-13.3	98	0.00
7 M	Trichlorofluoromethane	20.000	20.984	-4.9	93	0.00
8 T	Diethyl Ether	20.000	19.860	0.7	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.774	-8.9	94	0.00
10 M	1,1-Dichloroethene	20.000	20.180	-0.9	89	0.00
11	Methyl Iodide	20.000	20.684	-3.4	86	0.00
12	Methyl Acetate	20.000	22.502	-12.5	93	0.00
13 M	Acrolein	100.000	95.530	4.5	86	-0.01
14 M	Acrylonitrile	100.000	105.407	-5.4	89	0.00
15 M	Acetone	100.000	124.190	-24.2	113	0.00
16 M	Carbon Disulfide	20.000	20.379	-1.9	88	0.00
17	Allyl chloride	20.000	18.045	9.8	72	0.00
18 M	Methylene Chloride	20.000	21.218	-6.1	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.718	-3.6	90	-0.01
20 T	Diisopropyl ether	20.000	20.720	-3.6	88	-0.01
21 M	1,1-Dichloroethane	20.000	21.239	-6.2	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.809	-4.0	89	0.00
23 M	tert-Butyl Alcohol	100.000	89.079	10.9	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.943	0.3	85	-0.01
25 M	Chloroform	20.000	20.843	-4.2	88	0.00
26	Cyclohexane	20.000	20.007	-0.0	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.950	0.2	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	20.575	-2.9	88	0.00
30 M	2-Butanone	100.000	108.534	-8.5	92	0.00
31	2,2-Dichloropropane	20.000	20.782	-3.9	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.498	-2.5	88	0.00
33 M	Carbon Tetrachloride	20.000	20.330	-1.6	86	0.00
34 M	Benzene	20.000	21.532	-7.7	91	0.00
35	Methacrylonitrile	20.000	22.097	-10.5	99	0.00
36 M	1,2-Dichloroethane	20.000	20.986	-4.9	87	0.00
37 M	Trichloroethene	20.000	20.890	-4.5	89	0.00
38	Methylcyclohexane	20.000	19.966	0.2	85	0.00
39 M	1,2-Dichloropropane	20.000	21.490	-7.4	91	0.00
40	Dibromomethane	20.000	21.625	-8.1	91	0.00
41 M	Bromodichloromethane	20.000	20.856	-4.3	88	0.00
42 M	Vinyl Acetate	100.000	99.678	0.3	84	0.00
43	Ethyl Acetate	20.000	20.816	-4.1	86	0.00
44	Isopropyl Acetate	20.000	19.967	0.2	83	0.00
45 T	1,4-Dioxane	400.000	357.459	10.6	74	0.00
46	Methyl methacrylate	20.000	18.779	6.1	79	0.00
47	n-amyl Acetate	20.000	17.693	11.5	79	0.00
48 M	t-1,3-Dichloropropene	20.000	20.457	-2.3	87	0.00

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49 T	cis-1,3-Dichloropropene	20.000	20.442	-2.2	87	0.00
50 M	1,1,2-Trichloroethane	20.000	21.918	-9.6	91	0.00
51	Ethyl methacrylate	20.000	19.586	2.1	82	0.00
52	1,3-Dichloropropane	20.000	21.867	-9.3	92	0.00
53 M	Dibromochloromethane	20.000	20.764	-3.8	86	0.00
54 M	1,2-Dibromoethane	20.000	21.057	-5.3	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.818	2.2	78	0.00
56 M	Bromoform	20.000	20.381	-1.9	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.598	0.4	85	0.00
59 M	2-Hexanone	100.000	99.750	0.3	86	0.00
60 S	4-Bromofluorobenzene	30.000	28.865	3.8	81	0.00
61 M	Tetrachloroethene	20.000	19.530	2.3	84	0.00
62 M	Toluene	20.000	20.587	-2.9	90	0.00
63 S	Toluene-d8	30.000	29.488	1.7	84	0.00
64 M	Chlorobenzene	20.000	20.744	-3.7	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.397	-2.0	89	0.00
66 M	Ethyl Benzene	20.000	20.245	-1.2	88	0.00
67 M	m/p-Xylenes	40.000	41.204	-3.0	90	0.00
68 M	o-Xylene	20.000	20.156	-0.8	87	0.00
69 M	Styrene	20.000	19.829	0.9	86	0.00
70	Isopropylbenzene	20.000	20.150	-0.7	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.551	-7.8	90	0.00
72	1,2,3-Trichloropropane	20.000	19.727	1.4	82	0.00
73	Bromobenzene	20.000	20.775	-3.9	89	0.00
74	n-propylbenzene	20.000	20.817	-4.1	90	0.00
75	2-Chlorotoluene	20.000	20.406	-2.0	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.170	-0.9	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.639	1.8	82	0.00
78	4-Chlorotoluene	20.000	20.565	-2.8	88	0.00
79	tert-butylbenzene	20.000	19.811	0.9	87	0.00
80	1,2,4-Trimethylbenzene	20.000	20.073	-0.4	88	0.00
81	sec-Butylbenzene	20.000	20.561	-2.8	89	0.00
82	p-Isopropyltoluene	20.000	20.149	-0.7	88	0.00
83 M	1,3-Dichlorobenzene	20.000	21.409	-7.0	93	0.00
84 M	1,4-Dichlorobenzene	20.000	22.851	-14.3	98	0.00
85	n-Butylbenzene	20.000	20.718	-3.6	91	0.00
86 T	Hexachloroethane	20.000	19.716	1.4	85	0.00
87 M	1,2-Dichlorobenzene	20.000	21.567	-7.8	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.721	1.4	83	0.00
89	1,2,4-Trichlorobenzene	20.000	20.912	-4.6	93	0.00
90	Hexachlorobutadiene	20.000	21.499	-7.5	97	0.00
91 M	Naphthalene	20.000	19.790	1.1	87	0.00
92	1,2,3-Trichlorobenzene	20.000	20.863	-4.3	92	0.00

(#) = Out of Range

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