

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066145.D
 Acq On : 5 Mar 2021 19:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 06 02:44:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	20.409	-2.0	113	0.00
3 M	Chloromethane	20.000	18.864	5.7	99	0.00
4 M	Vinyl Chloride	20.000	19.107	4.5	107	0.00
5 M	Bromomethane	20.000	13.637	31.8#	73	0.00
6 M	Chloroethane	20.000	19.517	2.4	107	0.00
7 M	Trichlorofluoromethane	20.000	20.243	-1.2	111	0.00
8 T	Diethyl Ether	20.000	19.875	0.6	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.861	-9.3	117	0.00
10 M	1,1-Dichloroethene	20.000	20.269	-1.3	108	0.00
11	Methyl Iodide	20.000	9.955	50.2#	55	0.00
12	Methyl Acetate	20.000	19.658	1.7	102	0.00
13 M	Acrolein	100.000	87.423	12.6	93	0.00
14 M	Acrylonitrile	100.000	95.070	4.9	102	0.00
15 M	Acetone	100.000	78.232	21.8	78	0.00
16 M	Carbon Disulfide	20.000	19.830	0.9	107	0.00
17	Allyl chloride	20.000	19.237	3.8	103	0.00
18 M	Methylene Chloride	20.000	19.479	2.6	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.723	1.4	105	0.00
20 T	Diisopropyl ether	20.000	19.780	1.1	105	0.00
21 M	1,1-Dichloroethane	20.000	19.736	1.3	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.851	5.7	102	0.00
23 M	tert-Butyl Alcohol	100.000	79.909	20.1	84	0.03
24 M	Methyl tert-Butyl Ether	20.000	19.404	3.0	102	0.00
25 M	Chloroform	20.000	19.597	2.0	106	0.00
26	Cyclohexane	20.000	20.802	-4.0	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.077	-0.3	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.989	5.1	108	0.00
30 M	2-Butanone	100.000	81.243	18.8	88	0.00
31	2,2-Dichloropropane	20.000	18.169	9.2	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.285	3.6	108	0.00
33 M	Carbon Tetrachloride	20.000	19.384	3.1	109	0.00
34 M	Benzene	20.000	18.918	5.4	108	0.00
35	Methacrylonitrile	20.000	16.316	18.4	97	-0.01
36 M	1,2-Dichloroethane	20.000	18.339	8.3	103	0.00
37 M	Trichloroethene	20.000	18.607	7.0	107	0.00
38	Methylcyclohexane	20.000	19.749	1.3	114	0.00
39 M	1,2-Dichloropropane	20.000	18.879	5.6	108	0.00
40	Dibromomethane	20.000	18.075	9.6	100	0.00
41 M	Bromodichloromethane	20.000	18.523	7.4	106	0.00
42 M	Vinyl Acetate	100.000	93.037	7.0	104	0.00
43	Ethyl Acetate	20.000	17.076	14.6	102	0.00
44	Isopropyl Acetate	20.000	18.229	8.9	102	0.00
45 T	1,4-Dioxane	400.000	310.193	22.5	84	0.00
46	Methyl methacrylate	20.000	17.789	11.1	100	0.00
47	n-amyl Acetate	20.000	14.706	26.5	96	0.00
48 M	t-1,3-Dichloropropene	20.000	17.935	10.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.894	10.5	102	0.00
50 M	1,1,2-Trichloroethane	20.000	18.496	7.5	106	0.00
51	Ethyl methacrylate	20.000	17.886	10.6	107	0.00
52	1,3-Dichloropropane	20.000	18.323	8.4	105	0.00
53 M	Dibromochloromethane	20.000	17.927	10.4	105	0.00
54 M	1,2-Dibromoethane	20.000	17.706	11.5	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.651	10.3	97	0.00
56 M	Bromoform	20.000	17.434	12.8	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.419	7.6	100	0.00
59 M	2-Hexanone	100.000	82.973	17.0	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.509	1.6	104	0.00
61 M	Tetrachloroethene	20.000	18.745	6.3	100	0.00
62 M	Toluene	20.000	18.890	5.5	106	0.00
63 S	Toluene-d8	30.000	30.370	-1.2	102	0.00
64 M	Chlorobenzene	20.000	18.498	7.5	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.851	5.7	106	0.00
66 M	Ethyl Benzene	20.000	18.522	7.4	104	0.00
67 M	m/p-Xylenes	40.000	36.599	8.5	104	0.00
68 M	o-Xylene	20.000	18.604	7.0	105	0.00
69 M	Styrene	20.000	17.897	10.5	105	0.00
70	Isopropylbenzene	20.000	18.652	6.7	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.563	7.2	102	0.00
72	1,2,3-Trichloropropane	20.000	17.172	14.1	92	0.00
73	Bromobenzene	20.000	17.939	10.3	103	0.00
74	n-propylbenzene	20.000	17.891	10.5	103	0.00
75	2-Chlorotoluene	20.000	18.207	9.0	105	0.00
76	1,3,5-Trimethylbenzene	20.000	18.146	9.3	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.429	22.9	93	0.00
78	4-Chlorotoluene	20.000	17.526	12.4	101	0.00
79	tert-butylbenzene	20.000	18.605	7.0	105	0.00
80	1,2,4-Trimethylbenzene	20.000	18.290	8.6	106	0.00
81	sec-Butylbenzene	20.000	18.517	7.4	108	0.00
82	p-Isopropyltoluene	20.000	18.281	8.6	106	0.00
83 M	1,3-Dichlorobenzene	20.000	17.842	10.8	105	0.00
84 M	1,4-Dichlorobenzene	20.000	18.324	8.4	109	0.00
85	n-Butylbenzene	20.000	17.591	12.0	109	0.00
86 T	Hexachloroethane	20.000	17.031	14.8	107	0.00
87 M	1,2-Dichlorobenzene	20.000	18.567	7.2	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.277	13.6	103	0.00
89	1,2,4-Trichlorobenzene	20.000	17.214	13.9	114	0.00
90	Hexachlorobutadiene	20.000	17.393	13.0	98	0.00
91 M	Naphthalene	20.000	17.624	11.9	112	0.00
92	1,2,3-Trichlorobenzene	20.000	18.172	9.1	113	0.00

(#) = Out of Range

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