

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066706.D
 Acq On : 22 Apr 2021 11:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:27:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	17.571	12.1	95	0.00
3 M	Chloromethane	20.000	17.366	13.2	94	0.00
4 M	Vinyl Chloride	20.000	17.249	13.8	95	0.00
5 M	Bromomethane	20.000	19.259	3.7	102	0.00
6 M	Chloroethane	20.000	17.673	11.6	96	0.00
7 M	Trichlorofluoromethane	20.000	17.979	10.1	99	0.00
8 T	Diethyl Ether	20.000	17.825	10.9	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.150	9.3	102	0.00
10 M	1,1-Dichloroethene	20.000	17.855	10.7	101	0.00
11	Methyl Iodide	20.000	17.670	11.6	100	0.00
12	Methyl Acetate	20.000	16.410	17.9	88	0.00
13 M	Acrolein	100.000	103.986	-4.0	112	0.00
14 M	Acrylonitrile	100.000	80.852	19.1	89	0.00
15 M	Acetone	100.000	129.582	-29.6	137	0.00
16 M	Carbon Disulfide	20.000	17.407	13.0	97	0.00
17	Allyl chloride	20.000	17.445	12.8	97	0.00
18 M	Methylene Chloride	20.000	17.703	11.5	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.571	12.1	98	0.00
20 T	Diisopropyl ether	20.000	17.625	11.9	99	0.00
21 M	1,1-Dichloroethane	20.000	17.719	11.4	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.769	11.2	100	0.00
23 M	tert-Butyl Alcohol	100.000	75.594	24.4	83	-0.02
24 M	Methyl tert-Butyl Ether	20.000	17.258	13.7	99	0.00
25 M	Chloroform	20.000	17.474	12.6	97	0.00
26	Cyclohexane	20.000	17.516	12.4	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.250	2.5	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	16.875	15.6	102	0.00
30 M	2-Butanone	100.000	86.778	13.2	100	0.00
31	2,2-Dichloropropane	20.000	17.398	13.0	102	0.00
32 M	1,1,1-Trichloroethane	20.000	16.730	16.3	98	0.00
33 M	Carbon Tetrachloride	20.000	16.635	16.8	99	0.00
34 M	Benzene	20.000	16.949	15.3	100	0.00
35	Methacrylonitrile	20.000	19.073	4.6	109	0.01
36 M	1,2-Dichloroethane	20.000	16.544	17.3	95	0.00
37 M	Trichloroethene	20.000	17.197	14.0	104	0.00
38	Methylcyclohexane	20.000	16.963	15.2	107	0.00
39 M	1,2-Dichloropropane	20.000	16.741	16.3	97	0.00
40	Dibromomethane	20.000	16.175	19.1	93	0.00
41 M	Bromodichloromethane	20.000	16.550	17.2	96	0.00
42 M	Vinyl Acetate	100.000	80.461	19.5	95	0.00
43	Ethyl Acetate	20.000	14.429	27.9	82	0.00
44	Isopropyl Acetate	20.000	15.573	22.1	92	0.00
45 T	1,4-Dioxane	400.000	267.359	33.2#	74	0.00
46	Methyl methacrylate	20.000	14.828	25.9	89	0.00
47	n-amyl Acetate	20.000	3.974	80.1#	79	0.00
48 M	t-1,3-Dichloropropene	20.000	15.960	20.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.529	17.4	100	0.00
50 M	1,1,2-Trichloroethane	20.000	16.588	17.1	96	0.00
51	Ethyl methacrylate	20.000	15.128	24.4	95	0.00
52	1,3-Dichloropropane	20.000	16.136	19.3	95	0.00
53 M	Dibromochloromethane	20.000	15.889	20.6	93	0.00
54 M	1,2-Dibromoethane	20.000	15.938	20.3	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	73.331	26.7	97	0.00
56 M	Bromoform	20.000	14.705	26.5	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.686	20.3	85	0.00
59 M	2-Hexanone	100.000	77.978	22.0	86	0.00
60 S	4-Bromofluorobenzene	30.000	28.847	3.8	100	0.00
61 M	Tetrachloroethene	20.000	19.391	3.0	106	0.00
62 M	Toluene	20.000	17.633	11.8	98	0.00
63 S	Toluene-d8	30.000	30.526	-1.8	102	0.00
64 M	Chlorobenzene	20.000	17.653	11.7	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.531	12.3	97	0.00
66 M	Ethyl Benzene	20.000	17.066	14.7	98	0.00
67 M	m/p-Xylenes	40.000	34.044	14.9	96	0.00
68 M	o-Xylene	20.000	17.313	13.4	98	0.00
69 M	Styrene	20.000	16.339	18.3	96	0.00
70	Isopropylbenzene	20.000	17.126	14.4	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.651	16.7	86	0.00
72	1,2,3-Trichloropropane	20.000	16.136	19.3	92	0.00
73	Bromobenzene	20.000	16.697	16.5	95	0.00
74	n-propylbenzene	20.000	16.618	16.9	97	0.00
75	2-Chlorotoluene	20.000	16.844	15.8	95	0.00
76	1,3,5-Trimethylbenzene	20.000	16.804	16.0	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.350	33.3#	86	0.00
78	4-Chlorotoluene	20.000	16.440	17.8	97	0.00
79	tert-butylbenzene	20.000	17.037	14.8	99	0.00
80	1,2,4-Trimethylbenzene	20.000	16.547	17.3	98	0.00
81	sec-Butylbenzene	20.000	16.646	16.8	98	0.00
82	p-Isopropyltoluene	20.000	16.593	17.0	101	0.00
83 M	1,3-Dichlorobenzene	20.000	17.089	14.6	101	0.00
84 M	1,4-Dichlorobenzene	20.000	17.228	13.9	102	0.00
85	n-Butylbenzene	20.000	16.098	19.5	106	0.00
86 T	Hexachloroethane	20.000	15.946	20.3	92	0.00
87 M	1,2-Dichlorobenzene	20.000	17.197	14.0	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.118	29.4	89	0.00
89	1,2,4-Trichlorobenzene	20.000	17.705	11.5	114	0.00
90	Hexachlorobutadiene	20.000	17.805	11.0	102	0.00
91 M	Naphthalene	20.000	17.950	10.3	111	0.00
92	1,2,3-Trichlorobenzene	20.000	18.158	9.2	112	0.00

(#) = Out of Range

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