

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066728.D
 Acq On : 22 Apr 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:31:42 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.274	8.6	100	0.00
3 M	Chloromethane	20.000	18.920	5.4	103	0.00
4 M	Vinyl Chloride	20.000	19.056	4.7	106	0.00
5 M	Bromomethane	20.000	20.979	-4.9	111	0.00
6 M	Chloroethane	20.000	19.099	4.5	105	0.00
7 M	Trichlorofluoromethane	20.000	19.415	2.9	108	0.00
8 T	Diethyl Ether	20.000	19.307	3.5	110	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.062	4.7	107	0.00
10 M	1,1-Dichloroethene	20.000	19.199	4.0	110	0.00
11	Methyl Iodide	20.000	16.065	19.7	91	0.00
12	Methyl Acetate	20.000	19.418	2.9	105	0.00
13 M	Acrolein	100.000	93.147	6.9	101	0.00
14 M	Acrylonitrile	100.000	97.204	2.8	107	0.00
15 M	Acetone	100.000	93.032	7.0	99	0.00
16 M	Carbon Disulfide	20.000	18.469	7.7	104	0.00
17	Allyl chloride	20.000	18.894	5.5	106	0.00
18 M	Methylene Chloride	20.000	19.225	3.9	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.001	5.0	107	0.00
20 T	Diisopropyl ether	20.000	19.110	4.5	108	0.00
21 M	1,1-Dichloroethane	20.000	18.966	5.2	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.182	4.1	109	0.00
23 M	tert-Butyl Alcohol	100.000	93.815	6.2	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.357	3.2	111	0.00
25 M	Chloroform	20.000	19.080	4.6	107	0.00
26	Cyclohexane	20.000	18.339	8.3	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.591	1.4	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	17.828	10.9	107	0.00
30 M	2-Butanone	100.000	89.852	10.1	103	0.00
31	2,2-Dichloropropane	20.000	17.022	14.9	100	0.00
32 M	1,1,1-Trichloroethane	20.000	18.276	8.6	107	0.00
33 M	Carbon Tetrachloride	20.000	18.360	8.2	109	0.00
34 M	Benzene	20.000	18.402	8.0	108	0.00
35	Methacrylonitrile	20.000	19.484	2.6	111	0.00
36 M	1,2-Dichloroethane	20.000	17.773	11.1	102	0.00
37 M	Trichloroethene	20.000	18.527	7.4	111	0.00
38	Methylcyclohexane	20.000	17.197	14.0	108	0.00
39 M	1,2-Dichloropropane	20.000	18.427	7.9	107	0.00
40	Dibromomethane	20.000	18.482	7.6	106	0.00
41 M	Bromodichloromethane	20.000	17.941	10.3	104	0.00
42 M	Vinyl Acetate	100.000	90.448	9.6	106	0.00
43	Ethyl Acetate	20.000	16.329	18.4	93	0.00
44	Isopropyl Acetate	20.000	17.941	10.3	106	0.00
45 T	1,4-Dioxane	400.000	335.694	16.1	92	0.00
46	Methyl methacrylate	20.000	17.343	13.3	103	0.00
47	n-amyl Acetate	20.000	5.033	74.8#	100	0.00
48 M	t-1,3-Dichloropropene	20.000	17.476	12.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.172	9.1	110	0.00
50 M	1,1,2-Trichloroethane	20.000	18.762	6.2	108	0.00
51	Ethyl methacrylate	20.000	17.697	11.5	111	0.00
52	1,3-Dichloropropane	20.000	18.331	8.3	107	0.00
53 M	Dibromochloromethane	20.000	18.186	9.1	106	0.00
54 M	1,2-Dibromoethane	20.000	18.475	7.6	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	147.515	-47.5#	195	0.00
56 M	Bromoform	20.000	17.645	11.8	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.784	4.2	103	0.00
59 M	2-Hexanone	100.000	92.141	7.9	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.224	2.6	103	0.00
61 M	Tetrachloroethene	20.000	19.144	4.3	106	0.00
62 M	Toluene	20.000	18.953	5.2	106	0.00
63 S	Toluene-d8	30.000	30.782	-2.6	104	0.00
64 M	Chlorobenzene	20.000	18.979	5.1	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.416	2.9	109	0.00
66 M	Ethyl Benzene	20.000	18.398	8.0	106	0.00
67 M	m/p-Xylenes	40.000	37.268	6.8	106	0.00
68 M	o-Xylene	20.000	18.569	7.2	106	0.00
69 M	Styrene	20.000	17.925	10.4	106	0.00
70	Isopropylbenzene	20.000	18.586	7.1	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.384	-1.9	106	0.00
72	1,2,3-Trichloropropane	20.000	19.085	4.6	109	0.00
73	Bromobenzene	20.000	19.435	2.8	111	0.00
74	n-propylbenzene	20.000	17.975	10.1	106	0.00
75	2-Chlorotoluene	20.000	19.009	5.0	108	0.00
76	1,3,5-Trimethylbenzene	20.000	18.773	6.1	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.871	25.6	97	0.00
78	4-Chlorotoluene	20.000	18.490	7.6	110	0.00
79	tert-butylbenzene	20.000	18.789	6.1	110	0.00
80	1,2,4-Trimethylbenzene	20.000	18.868	5.7	112	0.00
81	sec-Butylbenzene	20.000	18.585	7.1	111	0.00
82	p-Isopropyltoluene	20.000	18.545	7.3	114	0.00
83 M	1,3-Dichlorobenzene	20.000	18.790	6.1	112	0.00
84 M	1,4-Dichlorobenzene	20.000	18.798	6.0	112	0.00
85	n-Butylbenzene	20.000	18.362	8.2	122	0.00
86 T	Hexachloroethane	20.000	18.412	7.9	107	0.00
87 M	1,2-Dichlorobenzene	20.000	19.793	1.0	117	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.659	6.7	119	0.00
89	1,2,4-Trichlorobenzene	20.000	21.201	-6.0	137	0.00
90	Hexachlorobutadiene	20.000	18.713	6.4	108	0.00
91 M	Naphthalene	20.000	24.174	-20.9	150	0.00
92	1,2,3-Trichlorobenzene	20.000	22.347	-11.7	139	0.00

(#) = Out of Range

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