

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066730.D
 Acq On : 23 Apr 2021 11:03
 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 26 03:19:11 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	21.375	-6.9	126	0.00
3 M	Chloromethane	20.000	20.258	-1.3	118	0.00
4 M	Vinyl Chloride	20.000	20.318	-1.6	121	0.00
5 M	Bromomethane	20.000	21.494	-7.5	123	0.01
6 M	Chloroethane	20.000	20.850	-4.3	123	0.00
7 M	Trichlorofluoromethane	20.000	21.702	-8.5	130	0.00
8 T	Diethyl Ether	20.000	20.039	-0.2	122	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.709	-8.5	132	0.00
10 M	1,1-Dichloroethene	20.000	20.516	-2.6	126	0.00
11	Methyl Iodide	20.000	19.650	1.8	120	0.00
12	Methyl Acetate	20.000	18.060	9.7	105	0.00
13 M	Acrolein	100.000	77.823	22.2	91	0.00
14 M	Acrylonitrile	100.000	93.566	6.4	111	0.00
15 M	Acetone	100.000	149.588	-49.6#	172	0.00
16 M	Carbon Disulfide	20.000	20.083	-0.4	122	0.00
17	Allyl chloride	20.000	19.946	0.3	121	0.00
18 M	Methylene Chloride	20.000	20.671	-3.4	124	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.863	-4.3	126	0.00
20 T	Diisopropyl ether	20.000	20.393	-2.0	124	0.00
21 M	1,1-Dichloroethane	20.000	20.715	-3.6	127	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.673	-3.4	126	0.00
23 M	tert-Butyl Alcohol	100.000	82.092	17.9	98	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.107	-0.5	125	0.00
25 M	Chloroform	20.000	20.851	-4.3	126	0.00
26	Cyclohexane	20.000	20.076	-0.4	127	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.491	5.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	20.539	-2.7	129	0.00
30 M	2-Butanone	100.000	106.220	-6.2	127	0.00
31	2,2-Dichloropropane	20.000	20.952	-4.8	128	0.00
32 M	1,1,1-Trichloroethane	20.000	20.638	-3.2	126	0.00
33 M	Carbon Tetrachloride	20.000	20.851	-4.3	129	0.00
34 M	Benzene	20.000	20.730	-3.7	127	0.00
35	Methacrylonitrile	20.000	17.433	12.8	103	0.00
36 M	1,2-Dichloroethane	20.000	19.796	1.0	118	0.00
37 M	Trichloroethene	20.000	21.383	-6.9	134	0.00
38	Methylcyclohexane	20.000	20.302	-1.5	133	0.00
39 M	1,2-Dichloropropane	20.000	20.686	-3.4	125	0.00
40	Dibromomethane	20.000	19.996	0.0	120	0.00
41 M	Bromodichloromethane	20.000	20.231	-1.2	122	0.00
42 M	Vinyl Acetate	100.000	95.857	4.1	117	0.00
43	Ethyl Acetate	20.000	17.215	13.9	102	0.00
44	Isopropyl Acetate	20.000	18.066	9.7	111	0.00
45 T	1,4-Dioxane	400.000	324.369	18.9	93	0.00
46	Methyl methacrylate	20.000	17.310	13.5	108	0.00
47	n-amyl Acetate	20.000	7.945	60.3#	164	0.00
48 M	t-1,3-Dichloropropene	20.000	19.276	3.6	121	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066730.D
 Acq On : 23 Apr 2021 11:03
 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 26 03:19:11 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)
49 T	cis-1,3-Dichloropropene	20.000	20.292	-1.5	128	0.00
50 M	1,1,2-Trichloroethane	20.000	20.464	-2.3	123	0.00
51	Ethyl methacrylate	20.000	17.974	10.1	117	0.00
52	1,3-Dichloropropane	20.000	19.671	1.6	120	0.00
53 M	Dibromochloromethane	20.000	20.015	-0.1	121	0.00
54 M	1,2-Dibromoethane	20.000	19.750	1.3	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.430	-7.4	148	0.00
56 M	Bromoform	20.000	18.700	6.5	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.943	6.1	106	0.00
59 M	2-Hexanone	100.000	96.322	3.7	113	0.00
60 S	4-Bromofluorobenzene	30.000	29.616	1.3	109	0.00
61 M	Tetrachloroethene	20.000	23.471	-17.4	136	0.00
62 M	Toluene	20.000	21.266	-6.3	125	0.00
63 S	Toluene-d8	30.000	31.090	-3.6	110	0.00
64 M	Chlorobenzene	20.000	21.488	-7.4	126	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.734	-8.7	128	0.00
66 M	Ethyl Benzene	20.000	20.769	-3.8	126	0.00
67 M	m/p-Xylenes	40.000	41.795	-4.5	125	0.00
68 M	o-Xylene	20.000	20.536	-2.7	123	0.00
69 M	Styrene	20.000	20.085	-0.4	125	0.00
70	Isopropylbenzene	20.000	21.039	-5.2	127	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.457	2.7	107	0.00
72	1,2,3-Trichloropropane	20.000	19.165	4.2	115	0.00
73	Bromobenzene	20.000	20.775	-3.9	125	0.00
74	n-propylbenzene	20.000	20.500	-2.5	127	0.00
75	2-Chlorotoluene	20.000	20.813	-4.1	124	0.00
76	1,3,5-Trimethylbenzene	20.000	20.723	-3.6	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.013	14.9	116	0.00
78	4-Chlorotoluene	20.000	20.485	-2.4	128	0.00
79	tert-butylbenzene	20.000	21.491	-7.5	131	0.00
80	1,2,4-Trimethylbenzene	20.000	20.824	-4.1	130	0.00
81	sec-Butylbenzene	20.000	21.155	-5.8	132	0.00
82	p-Isopropyltoluene	20.000	20.984	-4.9	135	0.00
83 M	1,3-Dichlorobenzene	20.000	21.659	-8.3	136	0.00
84 M	1,4-Dichlorobenzene	20.000	21.303	-6.5	133	0.00
85	n-Butylbenzene	20.000	19.340	3.3	135	0.00
86 T	Hexachloroethane	20.000	20.160	-0.8	122	0.00
87 M	1,2-Dichlorobenzene	20.000	21.652	-8.3	134	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.686	16.6	112	0.00
89	1,2,4-Trichlorobenzene	20.000	20.717	-3.6	141	0.00
90	Hexachlorobutadiene	20.000	22.404	-12.0	136	0.00
91 M	Naphthalene	20.000	16.970	15.2	111	0.00
92	1,2,3-Trichlorobenzene	20.000	20.085	-0.4	131	0.00

(#) = Out of Range

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