

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068473.D
 Acq On : 14 Sep 2021 16:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 15 05:38:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 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	20.913	-4.6	105	0.00
3 M	Chloromethane	20.000	19.999	0.0	101	0.00
4 M	Vinyl Chloride	20.000	19.817	0.9	96	0.00
5 M	Bromomethane	20.000	19.929	0.4	96	0.00
6 M	Chloroethane	20.000	20.752	-3.8	102	0.00
7 M	Trichlorofluoromethane	20.000	20.597	-3.0	105	0.00
8 T	Diethyl Ether	20.000	20.480	-2.4	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.691	-3.5	108	0.00
10 M	1,1-Dichloroethene	20.000	19.924	0.4	104	0.00
11	Methyl Iodide	20.000	18.514	7.4	108	0.00
12	Methyl Acetate	20.000	19.919	0.4	103	0.00
13 M	Acrolein	100.000	97.037	3.0	106	0.00
14 M	Acrylonitrile	100.000	97.204	2.8	102	0.00
15 M	Acetone	100.000	99.516	0.5	99	0.00
16 M	Carbon Disulfide	20.000	18.746	6.3	99	0.00
17	Allyl chloride	20.000	20.595	-3.0	107	0.00
18 M	Methylene Chloride	20.000	19.773	1.1	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.787	1.1	104	0.00
20 T	Diisopropyl ether	20.000	20.637	-3.2	106	0.00
21 M	1,1-Dichloroethane	20.000	20.502	-2.5	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.965	0.2	106	0.00
23 M	tert-Butyl Alcohol	100.000	89.553	10.4	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.093	-0.5	106	0.00
25 M	Chloroform	20.000	20.502	-2.5	105	0.00
26	Cyclohexane	20.000	19.953	0.2	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.953	-3.2	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.756	1.2	104	0.00
30 M	2-Butanone	100.000	94.911	5.1	99	0.00
31	2,2-Dichloropropane	20.000	19.679	1.6	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.880	0.6	105	0.00
33 M	Carbon Tetrachloride	20.000	19.652	1.7	106	0.00
34 M	Benzene	20.000	19.742	1.3	104	0.00
35	Methacrylonitrile	20.000	20.202	-1.0	104	0.00
36 M	1,2-Dichloroethane	20.000	20.295	-1.5	103	0.00
37 M	Trichloroethene	20.000	19.687	1.6	108	0.00
38	Methylcyclohexane	20.000	19.860	0.7	107	0.00
39 M	1,2-Dichloropropane	20.000	20.085	-0.4	106	0.00
40	Dibromomethane	20.000	19.847	0.8	104	0.00
41 M	Bromodichloromethane	20.000	19.592	2.0	104	0.00
42 M	Vinyl Acetate	100.000	98.006	2.0	103	0.00
43	Ethyl Acetate	20.000	20.000	0.0	107	0.00
44	Isopropyl Acetate	20.000	19.239	3.8	99	0.00
45 T	1,4-Dioxane	400.000	362.320	9.4	96	0.00
46	Methyl methacrylate	20.000	20.700	-3.5	112	0.00
47	n-amyl Acetate	20.000	18.046	9.8	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.225	3.9	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068473.D
 Acq On : 14 Sep 2021 16:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 15 05:38:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 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	19.171	4.1	104	0.00
50 M	1,1,2-Trichloroethane	20.000	19.259	3.7	103	0.00
51	Ethyl methacrylate	20.000	18.782	6.1	104	0.00
52	1,3-Dichloropropane	20.000	19.853	0.7	104	0.00
53 M	Dibromochloromethane	20.000	19.296	3.5	107	0.00
54 M	1,2-Dibromoethane	20.000	19.130	4.4	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	66.330	33.7#	87	0.00
56 M	Bromoform	20.000	18.148	9.3	109	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.060	3.9	100	0.00
59 M	2-Hexanone	100.000	97.053	2.9	102	0.00
60 S	4-Bromofluorobenzene	30.000	30.404	-1.3	104	0.00
61 M	Tetrachloroethene	20.000	19.965	0.2	106	0.00
62 M	Toluene	20.000	19.981	0.1	107	0.00
63 S	Toluene-d8	30.000	30.445	-1.5	102	0.00
64 M	Chlorobenzene	20.000	19.615	1.9	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.658	1.7	107	0.00
66 M	Ethyl Benzene	20.000	19.731	1.3	108	0.00
67 M	m/p-Xylenes	40.000	40.255	-0.6	108	0.00
68 M	o-Xylene	20.000	20.130	-0.6	110	0.00
69 M	Styrene	20.000	20.355	-1.8	110	0.00
70	Isopropylbenzene	20.000	20.154	-0.8	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.583	-2.9	107	0.00
72	1,2,3-Trichloropropane	20.000	20.825	-4.1	107	0.00
73	Bromobenzene	20.000	19.136	4.3	109	0.00
74	n-propylbenzene	20.000	19.930	0.4	108	0.00
75	2-Chlorotoluene	20.000	20.296	-1.5	109	0.00
76	1,3,5-Trimethylbenzene	20.000	20.734	-3.7	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.811	10.9	101	0.00
78	4-Chlorotoluene	20.000	20.254	-1.3	110	0.00
79	tert-butylbenzene	20.000	20.117	-0.6	110	0.00
80	1,2,4-Trimethylbenzene	20.000	20.883	-4.4	113	0.00
81	sec-Butylbenzene	20.000	19.987	0.1	109	0.00
82	p-Isopropyltoluene	20.000	19.406	3.0	109	0.00
83 M	1,3-Dichlorobenzene	20.000	19.961	0.2	113	0.00
84 M	1,4-Dichlorobenzene	20.000	20.919	-4.6	121	0.00
85	n-Butylbenzene	20.000	18.422	7.9	109	0.00
86 T	Hexachloroethane	20.000	19.364	3.2	107	0.00
87 M	1,2-Dichlorobenzene	20.000	21.009	-5.0	118	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.831	-14.2	128	0.00
89	1,2,4-Trichlorobenzene	20.000	16.010	19.9	107	0.00
90	Hexachlorobutadiene	20.000	18.901	5.5	115	0.00
91 M	Naphthalene	20.000	21.222	-6.1	144	0.00
92	1,2,3-Trichlorobenzene	20.000	15.760	21.2	101	0.00

(#) = Out of Range

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