

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
 Data File : VN068428.D
 Acq On : 8 Sep 2021 9:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 09 03:29:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	19.660	1.7	80	0.00
3 M	Chloromethane	20.000	19.682	1.6	80	0.00
4 M	Vinyl Chloride	20.000	21.206	-6.0	84	0.00
5 M	Bromomethane	20.000	23.554	-17.8	93	0.00
6 M	Chloroethane	20.000	21.886	-9.4	87	0.00
7 M	Trichlorofluoromethane	20.000	20.311	-1.6	84	0.00
8 T	Diethyl Ether	20.000	19.394	3.0	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.860	0.7	83	0.00
10 M	1,1-Dichloroethene	20.000	19.335	3.3	81	0.00
11	Methyl Iodide	20.000	17.841	10.8	79	0.00
12	Methyl Acetate	20.000	19.890	0.5	84	0.00
13 M	Acrolein	100.000	99.791	0.2	93	0.00
14 M	Acrylonitrile	100.000	98.442	1.6	83	0.00
15 M	Acetone	100.000	149.819	-49.8#	113	0.00
16 M	Carbon Disulfide	20.000	19.082	4.6	82	0.00
17	Allyl chloride	20.000	20.061	-0.3	82	0.00
18 M	Methylene Chloride	20.000	19.715	1.4	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.186	4.1	83	0.00
20 T	Diisopropyl ether	20.000	20.079	-0.4	82	0.00
21 M	1,1-Dichloroethane	20.000	19.881	0.6	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.513	2.4	85	0.00
23 M	tert-Butyl Alcohol	100.000	103.959	-4.0	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.813	0.9	83	0.00
25 M	Chloroform	20.000	19.998	0.0	84	0.00
26	Cyclohexane	20.000	19.947	0.3	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.137	-3.8	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	19.452	2.7	83	0.00
30 M	2-Butanone	100.000	111.292	-11.3	94	0.00
31	2,2-Dichloropropane	20.000	19.811	0.9	85	0.00
32 M	1,1,1-Trichloroethane	20.000	19.682	1.6	84	0.00
33 M	Carbon Tetrachloride	20.000	19.462	2.7	85	0.00
34 M	Benzene	20.000	19.639	1.8	85	0.00
35	Methacrylonitrile	20.000	18.752	6.2	85	0.00
36 M	1,2-Dichloroethane	20.000	19.572	2.1	82	0.00
37 M	Trichloroethene	20.000	19.438	2.8	85	0.00
38	Methylcyclohexane	20.000	19.066	4.7	83	0.00
39 M	1,2-Dichloropropane	20.000	19.298	3.5	83	0.00
40	Dibromomethane	20.000	20.045	-0.2	87	0.00
41 M	Bromodichloromethane	20.000	19.783	1.1	85	0.00
42 M	Vinyl Acetate	100.000	96.166	3.8	83	0.00
43	Ethyl Acetate	20.000	19.982	0.1	88	0.00
44	Isopropyl Acetate	20.000	19.598	2.0	83	0.00
45 T	1,4-Dioxane	400.000	411.717	-2.9	92	0.00
46	Methyl methacrylate	20.000	18.203	9.0	75	0.00
47	n-amyl Acetate	20.000	17.600	12.0	78	0.00
48 M	t-1,3-Dichloropropene	20.000	19.294	3.5	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
 Data File : VN068428.D
 Acq On : 8 Sep 2021 9:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 09 03:29:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 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	19.183	4.1	84	0.00
50 M	1,1,2-Trichloroethane	20.000	19.739	1.3	85	0.00
51	Ethyl methacrylate	20.000	18.892	5.5	82	0.00
52	1,3-Dichloropropane	20.000	19.755	1.2	83	0.00
53 M	Dibromochloromethane	20.000	19.193	4.0	84	0.00
54 M	1,2-Dibromoethane	20.000	19.376	3.1	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.073	13.9	80	0.00
56 M	Bromoform	20.000	17.298	13.5	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.994	0.0	83	0.00
59 M	2-Hexanone	100.000	105.358	-5.4	88	0.00
60 S	4-Bromofluorobenzene	30.000	30.023	-0.1	87	0.00
61 M	Tetrachloroethene	20.000	19.218	3.9	82	0.00
62 M	Toluene	20.000	19.624	1.9	83	0.00
63 S	Toluene-d8	30.000	30.210	-0.7	87	0.00
64 M	Chlorobenzene	20.000	19.249	3.8	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.682	1.6	84	0.00
66 M	Ethyl Benzene	20.000	19.541	2.3	83	0.00
67 M	m/p-Xylenes	40.000	38.916	2.7	82	0.00
68 M	o-Xylene	20.000	19.447	2.8	83	0.00
69 M	Styrene	20.000	18.621	6.9	80	0.00
70	Isopropylbenzene	20.000	19.109	4.5	81	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.779	1.1	81	0.00
72	1,2,3-Trichloropropane	20.000	18.933	5.3	77	0.00
73	Bromobenzene	20.000	18.074	9.6	79	0.00
74	n-propylbenzene	20.000	19.218	3.9	81	0.00
75	2-Chlorotoluene	20.000	19.144	4.3	80	0.00
76	1,3,5-Trimethylbenzene	20.000	19.253	3.7	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.161	9.2	83	0.00
78	4-Chlorotoluene	20.000	19.230	3.8	81	0.00
79	tert-butylbenzene	20.000	19.196	4.0	81	0.00
80	1,2,4-Trimethylbenzene	20.000	19.216	3.9	80	0.00
81	sec-Butylbenzene	20.000	18.947	5.3	80	0.00
82	p-Isopropyltoluene	20.000	18.717	6.4	80	0.00
83 M	1,3-Dichlorobenzene	20.000	18.547	7.3	79	0.00
84 M	1,4-Dichlorobenzene	20.000	18.069	9.7	78	0.00
85	n-Butylbenzene	20.000	17.363	13.2	79	0.00
86 T	Hexachloroethane	20.000	19.153	4.2	83	0.00
87 M	1,2-Dichlorobenzene	20.000	18.789	6.1	80	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.451	2.7	88	0.00
89	1,2,4-Trichlorobenzene	20.000	15.398	23.0	78	0.00
90	Hexachlorobutadiene	20.000	17.774	11.1	83	0.00
91 M	Naphthalene	20.000	14.149	29.3	77	0.00
92	1,2,3-Trichlorobenzene	20.000	15.238	23.8	79	0.00

(#) = Out of Range

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