

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069602.D
 Acq On : 22 Nov 2021 11:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 23 03:48:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 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	19.769	1.2	94	0.00
3 M	Chloromethane	20.000	20.693	-3.5	101	0.00
4 M	Vinyl Chloride	20.000	18.866	5.7	92	0.00
5 M	Bromomethane	20.000	17.840	10.8	87	0.00
6 M	Chloroethane	20.000	18.178	9.1	87	0.00
7 M	Trichlorofluoromethane	20.000	16.815	15.9	80	0.00
8 T	Diethyl Ether	20.000	21.731	-8.7	110	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.941	0.3	98	-0.01
10 M	1,1-Dichloroethene	20.000	19.303	3.5	97	-0.01
11	Methyl Iodide	20.000	20.792	-4.0	110	-0.01
12	Methyl Acetate	20.000	20.771	-3.9	104	0.00
13 M	Acrolein	100.000	112.761	-12.8	128	0.00
14 M	Acrylonitrile	100.000	102.990	-3.0	109	0.00
15 M	Acetone	100.000	124.159	-24.2	109	0.00
16 M	Carbon Disulfide	20.000	18.734	6.3	99	0.00
17	Allyl chloride	20.000	20.351	-1.8	106	0.00
18 M	Methylene Chloride	20.000	20.741	-3.7	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.258	3.7	99	0.00
20 T	Diisopropyl ether	20.000	20.866	-4.3	108	0.00
21 M	1,1-Dichloroethane	20.000	20.378	-1.9	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.452	2.7	100	0.00
23 M	tert-Butyl Alcohol	100.000	98.873	1.1	108	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.743	-3.7	107	0.00
25 M	Chloroform	20.000	20.422	-2.1	104	0.00
26	Cyclohexane	20.000	18.692	6.5	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.235	-4.1	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.716	1.4	94	0.00
30 M	2-Butanone	100.000	115.700	-15.7	109	0.00
31	2,2-Dichloropropane	20.000	20.000	0.0	100	0.00
32 M	1,1,1-Trichloroethane	20.000	19.640	1.8	97	0.00
33 M	Carbon Tetrachloride	20.000	19.755	1.2	98	0.00
34 M	Benzene	20.000	20.825	-4.1	100	0.00
35	Methacrylonitrile	20.000	21.541	-7.7	110	0.00
36 M	1,2-Dichloroethane	20.000	22.334	-11.7	106	0.00
37 M	Trichloroethene	20.000	20.083	-0.4	100	0.00
38	Methylcyclohexane	20.000	19.340	3.3	95	0.00
39 M	1,2-Dichloropropane	20.000	21.262	-6.3	104	0.00
40	Dibromomethane	20.000	21.760	-8.8	107	0.00
41 M	Bromodichloromethane	20.000	21.137	-5.7	108	0.00
42 M	Vinyl Acetate	100.000	109.064	-9.1	109	0.00
43	Ethyl Acetate	20.000	21.231	-6.2	109	0.00
44	Isopropyl Acetate	20.000	21.318	-6.6	107	0.00
45 T	1,4-Dioxane	400.000	406.511	-1.6	103	0.00
46	Methyl methacrylate	20.000	20.540	-2.7	105	0.00
47	n-amyl Acetate	20.000	16.963	15.2	94	0.00
48 M	t-1,3-Dichloropropene	20.000	19.961	0.2	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069602.D
 Acq On : 22 Nov 2021 11:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 23 03:48:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 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	20.609	-3.0	107	0.00
50 M	1,1,2-Trichloroethane	20.000	20.953	-4.8	105	0.00
51	Ethyl methacrylate	20.000	19.855	0.7	105	0.00
52	1,3-Dichloropropane	20.000	21.210	-6.1	104	0.00
53 M	Dibromochloromethane	20.000	20.304	-1.5	110	0.00
54 M	1,2-Dibromoethane	20.000	20.164	-0.8	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	186.401	-86.4#	218	0.00
56 M	Bromoform	20.000	19.045	4.8	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.028	-11.0	106	0.00
59 M	2-Hexanone	100.000	107.696	-7.7	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.467	1.8	99	0.00
61 M	Tetrachloroethene	20.000	21.139	-5.7	99	0.00
62 M	Toluene	20.000	20.691	-3.5	96	0.00
63 S	Toluene-d8	30.000	30.666	-2.2	99	0.00
64 M	Chlorobenzene	20.000	20.112	-0.6	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.153	-5.8	102	0.00
66 M	Ethyl Benzene	20.000	19.898	0.5	94	0.00
67 M	m/p-Xylenes	40.000	39.266	1.8	92	0.00
68 M	o-Xylene	20.000	19.411	2.9	91	0.00
69 M	Styrene	20.000	19.080	4.6	93	0.00
70	Isopropylbenzene	20.000	19.208	4.0	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.974	-4.9	101	0.00
72	1,2,3-Trichloropropane	20.000	18.775	6.1	93	0.00
73	Bromobenzene	20.000	19.681	1.6	97	0.00
74	n-propylbenzene	20.000	18.714	6.4	90	0.00
75	2-Chlorotoluene	20.000	19.551	2.2	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.310	3.5	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.449	12.8	103	0.00
78	4-Chlorotoluene	20.000	18.710	6.4	92	0.00
79	tert-butylbenzene	20.000	18.756	6.2	92	0.00
80	1,2,4-Trimethylbenzene	20.000	18.954	5.2	90	0.00
81	sec-Butylbenzene	20.000	18.146	9.3	88	0.00
82	p-Isopropyltoluene	20.000	17.997	10.0	89	0.00
83 M	1,3-Dichlorobenzene	20.000	19.026	4.9	95	0.00
84 M	1,4-Dichlorobenzene	20.000	18.344	8.3	91	0.00
85	n-Butylbenzene	20.000	16.063	19.7	85	0.00
86 T	Hexachloroethane	20.000	18.152	9.2	98	0.00
87 M	1,2-Dichlorobenzene	20.000	19.489	2.6	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.763	1.2	108	0.00
89	1,2,4-Trichlorobenzene	20.000	16.249	18.8	93	0.00
90	Hexachlorobutadiene	20.000	18.938	5.3	94	0.00
91 M	Naphthalene	20.000	14.009	30.0	87	0.00
92	1,2,3-Trichlorobenzene	20.000	16.647	16.8	94	0.00

(#) = Out of Range

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