

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063072.D
 Acq On : 21 Aug 2020 11:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 22 00:58:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	22.192	-11.0	107	0.00
3 M	Chloromethane	20.000	21.483	-7.4	104	0.00
4 M	Vinyl Chloride	20.000	21.518	-7.6	106	0.00
5 M	Bromomethane	20.000	20.813	-4.1	103	0.00
6 M	Chloroethane	20.000	21.280	-6.4	105	0.00
7 M	Trichlorofluoromethane	20.000	21.189	-5.9	106	0.00
8 T	Diethyl Ether	20.000	20.200	-1.0	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.220	-1.1	105	0.00
10 M	1,1-Dichloroethene	20.000	19.883	0.6	104	0.00
11	Methyl Iodide	20.000	19.477	2.6	106	0.00
12	Methyl Acetate	20.000	21.144	-5.7	107	0.00
13 M	Acrolein	100.000	74.114	25.9	83	0.00
14 M	Acrylonitrile	100.000	102.664	-2.7	105	0.00
15 M	Acetone	100.000	112.551	-12.6	115	0.00
16 M	Carbon Disulfide	20.000	19.455	2.7	101	0.00
17	Allyl chloride	20.000	19.841	0.8	107	0.00
18 M	Methylene Chloride	20.000	19.192	4.0	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.852	0.7	105	0.00
20 T	Diisopropyl ether	20.000	20.975	-4.9	108	0.00
21 M	1,1-Dichloroethane	20.000	20.316	-1.6	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.035	-0.2	107	0.00
23 M	tert-Butyl Alcohol	100.000	90.820	9.2	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.437	-2.2	108	0.00
25 M	Chloroform	20.000	20.401	-2.0	107	0.00
26	Cyclohexane	20.000	19.555	2.2	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.029	-0.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.548	2.3	105	0.00
30 M	2-Butanone	100.000	102.235	-2.2	108	0.00
31	2,2-Dichloropropane	20.000	20.057	-0.3	108	0.00
32 M	1,1,1-Trichloroethane	20.000	20.157	-0.8	106	0.00
33 M	Carbon Tetrachloride	20.000	19.605	2.0	105	0.00
34 M	Benzene	20.000	19.905	0.5	104	0.00
35	Methacrylonitrile	20.000	19.426	2.9	97	0.00
36 M	1,2-Dichloroethane	20.000	20.009	-0.0	104	0.00
37 M	Trichloroethene	20.000	20.050	-0.3	106	0.00
38	Methylcyclohexane	20.000	19.098	4.5	106	0.00
39 M	1,2-Dichloropropane	20.000	20.037	-0.2	105	0.00
40	Dibromomethane	20.000	19.442	2.8	102	0.00
41 M	Bromodichloromethane	20.000	19.752	1.2	105	0.00
42 M	Vinyl Acetate	100.000	96.503	3.5	107	0.00
43	Ethyl Acetate	20.000	19.185	4.1	100	0.00
44	Isopropyl Acetate	20.000	19.788	1.1	106	0.00
45 T	1,4-Dioxane	400.000	382.864	4.3	104	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063072.D
 Acq On : 21 Aug 2020 11:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 22 00:58:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 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)
46	Methyl methacrylate	20.000	19.657	1.7	107	0.00
47	n-amyl Acetate	20.000	18.626	6.9	107	0.00
48 M	t-1,3-Dichloropropene	20.000	19.518	2.4	106	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.598	2.0	104	0.00
50 M	1,1,2-Trichloroethane	20.000	20.557	-2.8	108	0.00
51	Ethyl methacrylate	20.000	19.129	4.4	107	0.00
52	1,3-Dichloropropane	20.000	20.207	-1.0	106	0.00
53 M	Dibromochloromethane	20.000	19.633	1.8	104	0.00
54 M	1,2-Dibromoethane	20.000	19.821	0.9	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	71.783	28.2	89	0.00
56 M	Bromoform	20.000	19.341	3.3	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.654	-0.7	104	0.00
59 M	2-Hexanone	100.000	101.002	-1.0	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.994	0.0	101	0.00
61 M	Tetrachloroethene	20.000	20.216	-1.1	105	0.00
62 M	Toluene	20.000	20.020	-0.1	106	0.00
63 S	Toluene-d8	30.000	30.046	-0.2	98	0.00
64 M	Chlorobenzene	20.000	20.054	-0.3	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.705	1.5	105	0.00
66 M	Ethyl Benzene	20.000	19.498	2.5	107	0.00
67 M	m/p-Xylenes	40.000	39.983	0.0	109	0.00
68 M	o-Xylene	20.000	19.727	1.4	108	0.00
69 M	Styrene	20.000	19.820	0.9	109	0.00
70	Isopropylbenzene	20.000	19.971	0.1	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.776	1.1	103	0.00
72	1,2,3-Trichloropropane	20.000	20.086	-0.4	104	0.00
73	Bromobenzene	20.000	19.602	2.0	107	0.00
74	n-propylbenzene	20.000	19.471	2.6	107	0.00
75	2-Chlorotoluene	20.000	19.570	2.1	107	0.00
76	1,3,5-Trimethylbenzene	20.000	19.650	1.8	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.990	5.1	108	0.00
78	4-Chlorotoluene	20.000	19.681	1.6	108	0.00
79	tert-butylbenzene	20.000	19.498	2.5	110	0.00
80	1,2,4-Trimethylbenzene	20.000	19.232	3.8	106	0.00
81	sec-Butylbenzene	20.000	19.499	2.5	109	0.00
82	p-Isopropyltoluene	20.000	19.056	4.7	109	0.00
83 M	1,3-Dichlorobenzene	20.000	19.454	2.7	107	0.00
84 M	1,4-Dichlorobenzene	20.000	19.370	3.1	108	0.00
85	n-Butylbenzene	20.000	17.515	12.4	107	0.00
86 T	Hexachloroethane	20.000	19.528	2.4	108	0.00
87 M	1,2-Dichlorobenzene	20.000	19.523	2.4	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.700	1.5	108	0.00
89	1,2,4-Trichlorobenzene	20.000	17.719	11.4	112	0.00
90	Hexachlorobutadiene	20.000	18.516	7.4	104	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
Data File : VN063072.D
Acq On : 21 Aug 2020 11:16
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 22 00:58:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
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)
91 M	Naphthalene	20.000	17.167	14.2	115	0.00
92	1,2,3-Trichlorobenzene	20.000	18.045	9.8	110	0.00

(#) = Out of Range

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