

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN122818\
 Data File : VN053234.D
 Acq On : 28 Dec 2018 19:24
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 28 23:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	19.967	0.2	99	0.00
3 M	Chloromethane	20.000	20.060	-0.3	102	0.00
4 M	Vinyl Chloride	20.000	19.766	1.2	99	0.00
5 M	Bromomethane	20.000	19.627	1.9	102	0.00
6 M	Chloroethane	20.000	19.754	1.2	100	0.00
7 M	Trichlorofluoromethane	20.000	20.010	-0.1	102	0.00
8 T	Diethyl Ether	20.000	20.457	-2.3	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.352	3.2	98	0.00
10 M	1,1-Dichloroethene	20.000	19.458	2.7	100	0.00
11	Methyl Iodide	20.000	19.199	4.0	99	0.00
12	Methyl Acetate	20.000	20.448	-2.2	111	0.00
13 M	Acrolein	100.000	100.959	-1.0	106	0.00
14 M	Acrylonitrile	100.000	106.563	-6.6	108	0.00
15 M	Acetone	100.000	113.086	-13.1	113	0.00
16 M	Carbon Disulfide	20.000	19.281	3.6	100	0.00
17	Allyl chloride	20.000	20.112	-0.6	99	0.00
18 M	Methylene Chloride	20.000	20.034	-0.2	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.790	1.1	101	0.00
20 T	Diisopropyl ether	20.000	20.350	-1.8	102	0.00
21 M	1,1-Dichloroethane	20.000	19.900	0.5	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.364	-1.8	105	0.00
23 M	tert-Butyl Alcohol	100.000	115.350	-15.3	123	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.799	-4.0	106	0.00
25 M	Chloroform	20.000	20.164	-0.8	102	0.00
26	Cyclohexane	20.000	19.406	3.0	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.623	-2.1	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.569	2.2	102	0.00
30 M	2-Butanone	100.000	108.713	-8.7	110	0.00
31	2,2-Dichloropropane	20.000	16.693	16.5	87	0.00
32 M	1,1,1-Trichloroethane	20.000	19.874	0.6	103	0.00
33 M	Carbon Tetrachloride	20.000	19.605	2.0	102	0.00
34 M	Benzene	20.000	19.971	0.1	102	0.00
35	Methacrylonitrile	20.000	20.300	-1.5	102	0.00
36 M	1,2-Dichloroethane	20.000	20.031	-0.2	101	0.00
37 M	Trichloroethene	20.000	19.752	1.2	102	0.00
38	Methylcyclohexane	20.000	18.745	6.3	99	0.00
39 M	1,2-Dichloropropane	20.000	20.122	-0.6	104	0.00
40	Dibromomethane	20.000	20.441	-2.2	106	0.00
41 M	Bromodichloromethane	20.000	19.480	2.6	102	0.00
42 M	Vinyl Acetate	100.000	103.955	-4.0	106	0.00
43	Ethyl Acetate	20.000	21.298	-6.5	106	0.00
44	Isopropyl Acetate	20.000	21.465	-7.3	113	0.00
45 T	1,4-Dioxane	400.000	424.733	-6.2	111	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN122818\
 Data File : VN053234.D
 Acq On : 28 Dec 2018 19:24
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 28 23:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 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	20.868	-4.3	109	0.00
47	n-amyl Acetate	20.000	20.417	-2.1	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.148	4.3	101	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.302	3.5	101	0.00
50 M	1,1,2-Trichloroethane	20.000	20.451	-2.3	105	0.00
51	Ethyl methacrylate	20.000	20.820	-4.1	110	0.00
52	1,3-Dichloropropane	20.000	20.395	-2.0	106	0.00
53 M	Dibromochloromethane	20.000	19.641	1.8	104	0.00
54 M	1,2-Dibromoethane	20.000	20.244	-1.2	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.819	-2.8	105	0.00
56 M	Bromoform	20.000	19.460	2.7	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.167	-10.2	111	0.00
59 M	2-Hexanone	100.000	107.446	-7.4	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.374	2.1	102	0.00
61 M	Tetrachloroethene	20.000	20.115	-0.6	103	0.00
62 M	Toluene	20.000	19.821	0.9	103	0.00
63 S	Toluene-d8	30.000	30.074	-0.2	101	0.00
64 M	Chlorobenzene	20.000	19.816	0.9	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.278	3.6	101	0.00
66 M	Ethyl Benzene	20.000	19.619	1.9	103	0.00
67 M	m/p-Xylenes	40.000	39.209	2.0	102	0.00
68 M	o-Xylene	20.000	19.827	0.9	103	0.00
69 M	Styrene	20.000	19.638	1.8	103	0.00
70	Isopropylbenzene	20.000	19.639	1.8	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.984	-4.9	109	0.00
72	1,2,3-Trichloropropane	20.000	20.746	-3.7	103	0.00
73	Bromobenzene	20.000	19.297	3.5	100	0.00
74	n-propylbenzene	20.000	19.147	4.3	100	0.00
75	2-Chlorotoluene	20.000	19.657	1.7	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.200	4.0	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.464	12.7	96	0.00
78	4-Chlorotoluene	20.000	19.053	4.7	100	0.00
79	tert-butylbenzene	20.000	19.494	2.5	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.118	4.4	99	0.00
81	sec-Butylbenzene	20.000	19.017	4.9	100	0.00
82	p-Isopropyltoluene	20.000	18.675	6.6	97	0.00
83 M	1,3-Dichlorobenzene	20.000	18.649	6.8	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.661	6.7	98	0.00
85	n-Butylbenzene	20.000	17.796	11.0	95	0.00
86 T	Hexachloroethane	20.000	18.754	6.2	101	0.00
87 M	1,2-Dichlorobenzene	20.000	18.918	5.4	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.378	3.1	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.605	7.0	102	0.00
90	Hexachlorobutadiene	20.000	18.570	7.1	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN122818\
Data File : VN053234.D
Acq On : 28 Dec 2018 19:24
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 28 23:45:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
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	20.302	-1.5	113	0.00
92	1,2,3-Trichlorobenzene	20.000	20.016	-0.1	110	0.00

(#) = Out of Range

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