

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113018\
 Data File : VN052593.D
 Acq On : 30 Nov 2018 9:03
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 10:13:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	17.969	10.2	74	0.00
3 M	Chloromethane	20.000	17.331	13.3	73	0.00
4 M	Vinyl Chloride	20.000	17.769	11.2	75	0.00
5 M	Bromomethane	20.000	20.320	-1.6	87	0.00
6 M	Chloroethane	20.000	17.521	12.4	73	0.00
7 M	Trichlorofluoromethane	20.000	17.919	10.4	76	0.00
8 T	Diethyl Ether	20.000	18.865	5.7	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.196	9.0	75	0.00
10 M	1,1-Dichloroethene	20.000	17.779	11.1	76	0.00
11	Methyl Iodide	20.000	17.147	14.3	75	0.00
12	Methyl Acetate	20.000	20.081	-0.4	84	0.00
13 M	Acrolein	100.000	125.851	-25.9	115	0.00
14 M	Acrylonitrile	100.000	99.369	0.6	82	0.00
15 M	Acetone	100.000	116.262	-16.3	90	0.00
16 M	Carbon Disulfide	20.000	16.980	15.1	72	0.00
17	Allyl chloride	20.000	16.292	18.5	68	0.00
18 M	Methylene Chloride	20.000	18.011	9.9	77	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.919	10.4	77	0.00
20 T	Diisopropyl ether	20.000	17.608	12.0	74	0.00
21 M	1,1-Dichloroethane	20.000	17.476	12.6	74	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.113	9.4	76	0.00
23 M	tert-Butyl Alcohol	100.000	131.485	-31.5#	108	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.402	3.0	82	0.00
25 M	Chloroform	20.000	17.805	11.0	75	0.00
26	Cyclohexane	20.000	17.192	14.0	72	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.356	-1.2	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	17.827	10.9	74	0.00
30 M	2-Butanone	100.000	110.561	-10.6	90	0.00
31	2,2-Dichloropropane	20.000	18.682	6.6	80	0.00
32 M	1,1,1-Trichloroethane	20.000	18.176	9.1	77	0.00
33 M	Carbon Tetrachloride	20.000	17.993	10.0	76	0.00
34 M	Benzene	20.000	18.201	9.0	76	0.00
35	Methacrylonitrile	20.000	22.883	-14.4	95	0.02
36 M	1,2-Dichloroethane	20.000	18.984	5.1	80	0.00
37 M	Trichloroethene	20.000	18.211	8.9	77	0.00
38	Methylcyclohexane	20.000	17.965	10.2	74	0.00
39 M	1,2-Dichloropropane	20.000	17.609	12.0	74	0.00
40	Dibromomethane	20.000	18.887	5.6	79	0.00
41 M	Bromodichloromethane	20.000	18.063	9.7	77	0.00
42 M	Vinyl Acetate	100.000	91.799	8.2	78	0.00
43	Ethyl Acetate	20.000	18.479	7.6	75	0.00
44	Isopropyl Acetate	20.000	19.916	0.4	85	0.00
45 T	1,4-Dioxane	400.000	527.814	-32.0#	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113018\
 Data File : VN052593.D
 Acq On : 30 Nov 2018 9:03
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 10:13:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	19.890	0.5	84	0.00
47	n-amyl Acetate	20.000	20.369	-1.8	90	0.00
48 M	t-1,3-Dichloropropene	20.000	18.257	8.7	81	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.882	10.6	76	0.00
50 M	1,1,2-Trichloroethane	20.000	19.584	2.1	80	0.00
51	Ethyl methacrylate	20.000	19.450	2.8	85	0.00
52	1,3-Dichloropropane	20.000	18.695	6.5	78	0.00
53 M	Dibromochloromethane	20.000	18.584	7.1	78	0.00
54 M	1,2-Dibromoethane	20.000	19.557	2.2	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.585	2.4	81	0.00
56 M	Bromoform	20.000	19.175	4.1	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.234	-6.2	88	0.00
59 M	2-Hexanone	100.000	112.920	-12.9	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.543	-1.8	87	0.00
61 M	Tetrachloroethene	20.000	19.019	4.9	79	0.00
62 M	Toluene	20.000	17.968	10.2	76	0.00
63 S	Toluene-d8	30.000	29.329	2.2	83	0.00
64 M	Chlorobenzene	20.000	18.225	8.9	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.867	10.7	78	0.00
66 M	Ethyl Benzene	20.000	18.050	9.7	77	0.00
67 M	m/p-Xylenes	40.000	37.045	7.4	78	0.00
68 M	o-Xylene	20.000	18.493	7.5	79	0.00
69 M	Styrene	20.000	18.147	9.3	77	0.00
70	Isopropylbenzene	20.000	18.321	8.4	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.441	-2.2	85	0.00
72	1,2,3-Trichloropropane	20.000	19.148	4.3	86	0.00
73	Bromobenzene	20.000	18.837	5.8	81	0.00
74	n-propylbenzene	20.000	18.344	8.3	77	0.00
75	2-Chlorotoluene	20.000	18.419	7.9	78	0.00
76	1,3,5-Trimethylbenzene	20.000	18.682	6.6	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.709	6.5	85	0.00
78	4-Chlorotoluene	20.000	18.524	7.4	79	0.00
79	tert-butylbenzene	20.000	18.815	5.9	79	0.00
80	1,2,4-Trimethylbenzene	20.000	18.755	6.2	78	0.00
81	sec-Butylbenzene	20.000	18.596	7.0	78	0.00
82	p-Isopropyltoluene	20.000	18.813	5.9	80	0.00
83 M	1,3-Dichlorobenzene	20.000	18.677	6.6	80	0.00
84 M	1,4-Dichlorobenzene	20.000	18.831	5.8	81	0.00
85	n-Butylbenzene	20.000	18.284	8.6	78	0.00
86 T	Hexachloroethane	20.000	17.448	12.8	76	0.00
87 M	1,2-Dichlorobenzene	20.000	19.136	4.3	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.016	-10.1	96	0.00
89	1,2,4-Trichlorobenzene	20.000	19.183	4.1	85	0.00
90	Hexachlorobutadiene	20.000	19.832	0.8	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113018\
Data File : VN052593.D
Acq On : 30 Nov 2018 9:03
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 30 10:13:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 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	20.763	-3.8	92	0.00
92	1,2,3-Trichlorobenzene	20.000	20.172	-0.9	88	0.00

(#) = Out of Range

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