

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052591.D
 Acq On : 30 Nov 2018 3:43
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 04:35:01 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	18.152	9.2	83	0.00
3 M	Chloromethane	20.000	18.412	7.9	86	0.00
4 M	Vinyl Chloride	20.000	19.274	3.6	91	0.00
5 M	Bromomethane	20.000	19.695	1.5	94	0.00
6 M	Chloroethane	20.000	19.179	4.1	89	0.00
7 M	Trichlorofluoromethane	20.000	19.180	4.1	91	0.00
8 T	Diethyl Ether	20.000	19.963	0.2	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.347	8.3	84	0.00
10 M	1,1-Dichloroethene	20.000	19.649	1.8	93	0.00
11	Methyl Iodide	20.000	19.994	0.0	98	0.00
12	Methyl Acetate	20.000	19.435	2.8	91	0.00
13 M	Acrolein	100.000	93.362	6.6	95	0.00
14 M	Acrylonitrile	100.000	98.016	2.0	90	0.00
15 M	Acetone	100.000	81.334	18.7	71	0.00
16 M	Carbon Disulfide	20.000	17.943	10.3	85	0.00
17	Allyl chloride	20.000	18.439	7.8	86	0.00
18 M	Methylene Chloride	20.000	19.393	3.0	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.065	4.7	91	0.00
20 T	Diisopropyl ether	20.000	19.001	5.0	89	0.00
21 M	1,1-Dichloroethane	20.000	19.266	3.7	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.351	3.2	91	0.00
23 M	tert-Butyl Alcohol	100.000	109.624	-9.6	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.426	-2.1	96	0.00
25 M	Chloroform	20.000	19.666	1.7	93	0.00
26	Cyclohexane	20.000	18.259	8.7	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.780	0.7	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	18.730	6.3	89	0.00
30 M	2-Butanone	100.000	92.729	7.3	86	0.00
31	2,2-Dichloropropane	20.000	15.383	23.1	74	0.00
32 M	1,1,1-Trichloroethane	20.000	19.557	2.2	94	0.00
33 M	Carbon Tetrachloride	20.000	19.128	4.4	91	0.00
34 M	Benzene	20.000	19.358	3.2	91	0.00
35	Methacrylonitrile	20.000	18.546	7.3	87	0.00
36 M	1,2-Dichloroethane	20.000	19.345	3.3	92	0.00
37 M	Trichloroethene	20.000	19.667	1.7	94	0.00
38	Methylcyclohexane	20.000	17.670	11.6	82	0.00
39 M	1,2-Dichloropropane	20.000	19.174	4.1	91	0.00
40	Dibromomethane	20.000	20.270	-1.3	96	0.00
41 M	Bromodichloromethane	20.000	19.196	4.0	93	0.00
42 M	Vinyl Acetate	100.000	94.725	5.3	91	0.00
43	Ethyl Acetate	20.000	19.878	0.6	91	0.00
44	Isopropyl Acetate	20.000	20.384	-1.9	98	0.00
45 T	1,4-Dioxane	400.000	458.783	-14.7	106	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052591.D
 Acq On : 30 Nov 2018 3:43
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 04:35:01 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	19.946	0.3	96	0.00
47	n-amyl Acetate	20.000	18.806	6.0	94	0.00
48 M	t-1,3-Dichloropropene	20.000	18.452	7.7	92	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.276	8.6	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.076	-0.4	93	0.00
51	Ethyl methacrylate	20.000	19.626	1.9	97	0.00
52	1,3-Dichloropropane	20.000	19.606	2.0	92	0.00
53 M	Dibromochloromethane	20.000	19.226	3.9	92	0.00
54 M	1,2-Dibromoethane	20.000	20.092	-0.5	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.158	1.8	92	0.00
56 M	Bromoform	20.000	19.367	3.2	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.018	-3.0	94	0.00
59 M	2-Hexanone	100.000	96.485	3.5	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.695	1.0	94	0.00
61 M	Tetrachloroethene	20.000	21.169	-5.8	97	0.00
62 M	Toluene	20.000	19.454	2.7	91	0.00
63 S	Toluene-d8	30.000	29.857	0.5	93	0.00
64 M	Chlorobenzene	20.000	19.470	2.7	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.711	1.4	94	0.00
66 M	Ethyl Benzene	20.000	19.348	3.3	91	0.00
67 M	m/p-Xylenes	40.000	39.143	2.1	91	0.00
68 M	o-Xylene	20.000	19.661	1.7	92	0.00
69 M	Styrene	20.000	19.331	3.3	91	0.00
70	Isopropylbenzene	20.000	19.437	2.8	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.170	-0.9	93	0.00
72	1,2,3-Trichloropropane	20.000	19.898	0.5	98	0.00
73	Bromobenzene	20.000	20.018	-0.1	95	0.00
74	n-propylbenzene	20.000	18.807	6.0	87	0.00
75	2-Chlorotoluene	20.000	19.520	2.4	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.553	2.2	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.644	16.8	83	0.00
78	4-Chlorotoluene	20.000	19.169	4.2	90	0.00
79	tert-butylbenzene	20.000	19.850	0.7	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.761	1.2	91	0.00
81	sec-Butylbenzene	20.000	19.075	4.6	89	0.00
82	p-Isopropyltoluene	20.000	18.796	6.0	88	0.00
83 M	1,3-Dichlorobenzene	20.000	19.266	3.7	91	0.00
84 M	1,4-Dichlorobenzene	20.000	19.266	3.7	91	0.00
85	n-Butylbenzene	20.000	17.587	12.1	83	0.00
86 T	Hexachloroethane	20.000	18.488	7.6	88	0.00
87 M	1,2-Dichlorobenzene	20.000	20.021	-0.1	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.891	-4.5	100	0.00
89	1,2,4-Trichlorobenzene	20.000	19.194	4.0	94	0.00
90	Hexachlorobutadiene	20.000	19.856	0.7	87	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052591.D
Acq On : 30 Nov 2018 3:43
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 28

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 30 04:35:01 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	20.135	-0.7	98	0.00
92	1,2,3-Trichlorobenzene	20.000	20.279	-1.4	98	0.00

(#) = Out of Range

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