

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
 Data File : VN051828.D
 Acq On : 12 Oct 2018 11:41
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101218

Quant Time: Oct 12 16:39:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.877	0.6	100	0.00
3 M	Chloromethane	20.000	20.777	-3.9	100	0.00
4 M	Vinyl Chloride	20.000	20.978	-4.9	98	0.00
5 M	Bromomethane	20.000	21.880	-9.4	108	0.00
6 M	Chloroethane	20.000	21.393	-7.0	100	0.00
7 M	Trichlorofluoromethane	20.000	22.158	-10.8	118	0.00
8 T	Diethyl Ether	20.000	21.020	-5.1	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.815	-9.1	104	0.00
10 M	1,1-Dichloroethene	20.000	20.948	-4.7	100	0.00
11	Methyl Iodide	20.000	18.485	7.6	94	0.00
12	Methyl Acetate	20.000	20.646	-3.2	98	0.00
13 M	Acrolein	100.000	87.821	12.2	88	0.00
14 M	Acrylonitrile	100.000	102.479	-2.5	100	0.00
15 M	Acetone	100.000	104.303	-4.3	97	0.00
16 M	Carbon Disulfide	20.000	20.297	-1.5	101	0.00
17	Allyl chloride	20.000	20.404	-2.0	96	0.00
18 M	Methylene Chloride	20.000	20.596	-3.0	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.560	-2.8	99	0.00
20 T	Diisopropyl ether	20.000	20.650	-3.2	99	0.00
21 M	1,1-Dichloroethane	20.000	20.372	-1.9	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.446	-2.2	101	0.00
23 M	tert-Butyl Alcohol	100.000	99.038	1.0	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.909	-4.5	102	0.00
25 M	Chloroform	20.000	20.551	-2.8	98	0.00
26	Cyclohexane	20.000	20.834	-4.2	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.534	-1.8	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	20.162	-0.8	100	0.00
30 M	2-Butanone	100.000	98.074	1.9	96	0.00
31	2,2-Dichloropropane	20.000	20.468	-2.3	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.945	0.3	101	0.00
33 M	Carbon Tetrachloride	20.000	19.484	2.6	98	0.00
34 M	Benzene	20.000	19.952	0.2	99	0.00
35	Methacrylonitrile	20.000	23.197	-16.0	120	0.00
36 M	1,2-Dichloroethane	20.000	20.402	-2.0	101	0.00
37 M	Trichloroethene	20.000	19.808	1.0	99	0.00
38	Methylcyclohexane	20.000	20.339	-1.7	101	0.00
39 M	1,2-Dichloropropane	20.000	19.897	0.5	97	0.00
40	Dibromomethane	20.000	19.436	2.8	99	0.00
41 M	Bromodichloromethane	20.000	19.447	2.8	97	0.00
42 M	Vinyl Acetate	100.000	99.530	0.5	98	0.00
43	Ethyl Acetate	20.000	19.639	1.8	94	0.00
44	Isopropyl Acetate	20.000	19.592	2.0	96	0.00
45 T	1,4-Dioxane	400.000	416.910	-4.2	105	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
 Data File : VN051828.D
 Acq On : 12 Oct 2018 11:41
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101218

Quant Time: Oct 12 16:39:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 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	19.715	1.4	97	0.00
47	n-amyl Acetate	20.000	18.376	8.1	99	0.00
48 M	t-1,3-Dichloropropene	20.000	18.690	6.5	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.401	3.0	98	0.00
50 M	1,1,2-Trichloroethane	20.000	19.480	2.6	97	0.00
51	Ethyl methacrylate	20.000	19.479	2.6	99	0.00
52	1,3-Dichloropropane	20.000	19.597	2.0	97	0.00
53 M	Dibromochloromethane	20.000	18.396	8.0	98	0.00
54 M	1,2-Dibromoethane	20.000	18.926	5.4	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.083	-1.1	102	0.00
56 M	Bromoform	20.000	16.867	15.7	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.814	-3.8	100	0.00
59 M	2-Hexanone	100.000	102.418	-2.4	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.117	2.9	97	0.00
61 M	Tetrachloroethene	20.000	20.045	-0.2	96	0.00
62 M	Toluene	20.000	20.432	-2.2	99	0.00
63 S	Toluene-d8	30.000	30.157	-0.5	96	0.00
64 M	Chlorobenzene	20.000	19.954	0.2	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.938	0.3	98	0.00
66 M	Ethyl Benzene	20.000	20.365	-1.8	99	0.00
67 M	m/p-Xylenes	40.000	40.158	-0.4	99	0.00
68 M	o-Xylene	20.000	19.692	1.5	98	0.00
69 M	Styrene	20.000	19.376	3.1	100	0.00
70	Isopropylbenzene	20.000	20.116	-0.6	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.112	-0.6	99	0.00
72	1,2,3-Trichloropropane	20.000	18.484	7.6	95	0.00
73	Bromobenzene	20.000	19.363	3.2	101	0.00
74	n-propylbenzene	20.000	19.940	0.3	101	0.00
75	2-Chlorotoluene	20.000	19.883	0.6	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.759	1.2	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.303	13.5	96	0.00
78	4-Chlorotoluene	20.000	19.455	2.7	99	0.00
79	tert-butylbenzene	20.000	19.530	2.3	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.731	1.3	99	0.00
81	sec-Butylbenzene	20.000	19.974	0.1	100	0.00
82	p-Isopropyltoluene	20.000	19.296	3.5	100	0.00
83 M	1,3-Dichlorobenzene	20.000	18.765	6.2	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.616	6.9	102	0.00
85	n-Butylbenzene	20.000	19.816	0.9	103	0.00
86 T	Hexachloroethane	20.000	18.782	6.1	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.220	3.9	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.525	7.4	96	0.00
89	1,2,4-Trichlorobenzene	20.000	19.928	0.4	106	0.00
90	Hexachlorobutadiene	20.000	19.892	0.5	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
Data File : VN051828.D
Acq On : 12 Oct 2018 11:41
Operator : MD\SY
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101218

Quant Time: Oct 12 16:39:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 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	19.785	1.1	106	0.00
92	1,2,3-Trichlorobenzene	20.000	18.382	8.1	107	0.00

(#) = Out of Range

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