

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110718\
 Data File : VN052198.D
 Acq On : 7 Nov 2018 10:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 07 10:33:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 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	98	-0.01
2 M	Dichlorodifluoromethane	20.000	21.697	-8.5	103	0.00
3 M	Chloromethane	20.000	20.834	-4.2	98	0.00
4 M	Vinyl Chloride	20.000	20.306	-1.5	94	0.00
5 M	Bromomethane	20.000	19.343	3.3	94	0.00
6 M	Chloroethane	20.000	18.371	8.1	88	0.00
7 M	Trichlorofluoromethane	20.000	20.377	-1.9	98	0.00
8 T	Diethyl Ether	20.000	19.575	2.1	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.159	-5.8	104	0.00
10 M	1,1-Dichloroethene	20.000	20.056	-0.3	100	0.00
11	Methyl Iodide	20.000	19.775	1.1	102	0.00
12	Methyl Acetate	20.000	19.572	2.1	94	0.00
13 M	Acrolein	100.000	85.456	14.5	85	0.00
14 M	Acrylonitrile	100.000	96.333	3.7	91	0.00
15 M	Acetone	100.000	116.882	-16.9	109	0.00
16 M	Carbon Disulfide	20.000	19.877	0.6	100	0.00
17	Allyl chloride	20.000	19.414	2.9	96	0.00
18 M	Methylene Chloride	20.000	19.538	2.3	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.429	2.9	95	0.00
20 T	Diisopropyl ether	20.000	20.317	-1.6	98	0.00
21 M	1,1-Dichloroethane	20.000	19.857	0.7	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.989	0.1	96	0.00
23 M	tert-Butyl Alcohol	100.000	102.049	-2.0	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.804	6.0	89	0.00
25 M	Chloroform	20.000	19.644	1.8	93	0.00
26	Cyclohexane	20.000	19.995	0.0	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.023	-0.1	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	18.741	6.3	93	0.00
30 M	2-Butanone	100.000	107.102	-7.1	103	0.00
31	2,2-Dichloropropane	20.000	18.550	7.2	94	0.00
32 M	1,1,1-Trichloroethane	20.000	18.641	6.8	96	0.00
33 M	Carbon Tetrachloride	20.000	18.391	8.0	96	0.00
34 M	Benzene	20.000	19.177	4.1	97	0.00
35	Methacrylonitrile	20.000	24.321	-21.6	113	0.00
36 M	1,2-Dichloroethane	20.000	18.303	8.5	93	0.00
37 M	Trichloroethene	20.000	19.691	1.5	105	0.00
38	Methylcyclohexane	20.000	18.870	5.6	97	0.00
39 M	1,2-Dichloropropane	20.000	19.099	4.5	93	0.00
40	Dibromomethane	20.000	18.940	5.3	95	0.00
41 M	Bromodichloromethane	20.000	18.465	7.7	94	0.00
42 M	Vinyl Acetate	100.000	91.280	8.7	91	0.00
43	Ethyl Acetate	20.000	20.921	-4.6	101	0.00
44	Isopropyl Acetate	20.000	18.425	7.9	93	0.00
45 T	1,4-Dioxane	400.000	387.727	3.1	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110718\
 Data File : VN052198.D
 Acq On : 7 Nov 2018 10:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 07 10:33:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 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	17.898	10.5	86	0.00
47	n-amyl Acetate	20.000	16.819	15.9	87	0.00
48 M	t-1,3-Dichloropropene	20.000	18.202	9.0	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.372	8.1	92	0.00
50 M	1,1,2-Trichloroethane	20.000	19.153	4.2	98	0.00
51	Ethyl methacrylate	20.000	17.882	10.6	91	0.00
52	1,3-Dichloropropane	20.000	18.180	9.1	92	0.00
53 M	Dibromochloromethane	20.000	18.995	5.0	99	0.00
54 M	1,2-Dibromoethane	20.000	17.903	10.5	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.615	12.4	86	0.00
56 M	Bromoform	20.000	16.376	18.1	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.457	8.5	87	0.00
59 M	2-Hexanone	100.000	103.148	-3.1	98	0.00
60 S	4-Bromofluorobenzene	30.000	27.642	7.9	91	0.00
61 M	Tetrachloroethene	20.000	21.079	-5.4	109	0.00
62 M	Toluene	20.000	19.487	2.6	96	0.00
63 S	Toluene-d8	30.000	30.184	-0.6	98	0.00
64 M	Chlorobenzene	20.000	18.965	5.2	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.333	3.3	98	0.00
66 M	Ethyl Benzene	20.000	19.803	1.0	100	0.00
67 M	m/p-Xylenes	40.000	38.179	4.6	97	0.00
68 M	o-Xylene	20.000	19.425	2.9	98	0.00
69 M	Styrene	20.000	19.194	4.0	95	0.00
70	Isopropylbenzene	20.000	19.180	4.1	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.784	6.1	93	0.00
72	1,2,3-Trichloropropane	20.000	16.302	18.5	79	0.00
73	Bromobenzene	20.000	19.913	0.4	105	0.00
74	n-propylbenzene	20.000	19.099	4.5	97	0.00
75	2-Chlorotoluene	20.000	18.986	5.1	96	0.00
76	1,3,5-Trimethylbenzene	20.000	19.072	4.6	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.612	21.9	88	0.00
78	4-Chlorotoluene	20.000	18.959	5.2	96	0.00
79	tert-butylbenzene	20.000	19.259	3.7	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.938	5.3	95	0.00
81	sec-Butylbenzene	20.000	19.722	1.4	101	0.00
82	p-Isopropyltoluene	20.000	19.795	1.0	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.033	-0.2	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.471	2.6	104	0.00
85	n-Butylbenzene	20.000	19.075	4.6	99	0.00
86 T	Hexachloroethane	20.000	18.351	8.2	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.566	2.2	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.919	10.4	86	0.00
89	1,2,4-Trichlorobenzene	20.000	19.954	0.2	106	0.00
90	Hexachlorobutadiene	20.000	22.295	-11.5	117	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110718\
Data File : VN052198.D
Acq On : 7 Nov 2018 10:12
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 07 10:33:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 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	18.834	5.8	98	0.00
92	1,2,3-Trichlorobenzene	20.000	20.272	-1.4	109	0.00

(#) = Out of Range

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