

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122118\
 Data File : VN053097.D
 Acq On : 21 Dec 2018 11:38
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 22 01:05:47 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	17.937	10.3	85	0.00
3 M	Chloromethane	20.000	18.030	9.8	87	0.00
4 M	Vinyl Chloride	20.000	18.504	7.5	90	0.00
5 M	Bromomethane	20.000	20.929	-4.6	103	0.00
6 M	Chloroethane	20.000	19.394	3.0	93	0.00
7 M	Trichlorofluoromethane	20.000	19.387	3.1	95	0.00
8 T	Diethyl Ether	20.000	21.854	-9.3	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.651	1.7	93	0.00
10 M	1,1-Dichloroethene	20.000	20.239	-1.2	99	0.00
11	Methyl Iodide	20.000	19.101	4.5	96	0.00
12	Methyl Acetate	20.000	23.833	-19.2	115	0.00
13 M	Acrolein	100.000	91.911	8.1	97	0.00
14 M	Acrylonitrile	100.000	116.110	-16.1	110	0.00
15 M	Acetone	100.000	95.444	4.6	85	0.00
16 M	Carbon Disulfide	20.000	17.714	11.4	87	0.00
17	Allyl chloride	20.000	19.429	2.9	94	0.00
18 M	Methylene Chloride	20.000	20.895	-4.5	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.289	-1.4	100	0.00
20 T	Diisopropyl ether	20.000	20.223	-1.1	98	0.00
21 M	1,1-Dichloroethane	20.000	20.098	-0.5	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.119	-5.6	102	0.00
23 M	tert-Butyl Alcohol	100.000	152.047	-52.0#	144	0.00
24 M	Methyl tert-Butyl Ether	20.000	23.326	-16.6	113	0.00
25 M	Chloroform	20.000	20.701	-3.5	101	0.00
26	Cyclohexane	20.000	18.352	8.2	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.448	5.2	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.559	2.2	97	0.00
30 M	2-Butanone	100.000	110.484	-10.5	107	0.00
31	2,2-Dichloropropane	20.000	21.014	-5.1	107	0.00
32 M	1,1,1-Trichloroethane	20.000	20.682	-3.4	104	0.00
33 M	Carbon Tetrachloride	20.000	20.114	-0.6	101	0.00
34 M	Benzene	20.000	20.217	-1.1	100	0.00
35	Methacrylonitrile	20.000	21.137	-5.7	104	0.00
36 M	1,2-Dichloroethane	20.000	20.215	-1.1	101	0.00
37 M	Trichloroethene	20.000	21.572	-7.9	108	0.00
38	Methylcyclohexane	20.000	18.154	9.2	89	0.00
39 M	1,2-Dichloropropane	20.000	20.016	-0.1	100	0.00
40	Dibromomethane	20.000	21.768	-8.8	108	0.00
41 M	Bromodichloromethane	20.000	20.324	-1.6	103	0.00
42 M	Vinyl Acetate	100.000	98.704	1.3	99	0.00
43	Ethyl Acetate	20.000	23.305	-16.5	112	0.00
44	Isopropyl Acetate	20.000	24.728	-23.6	125	0.00
45 T	1,4-Dioxane	400.000	556.733	-39.2#	135	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122118\
 Data File : VN053097.D
 Acq On : 21 Dec 2018 11:38
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 22 01:05:47 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	22.861	-14.3	115	0.00
47	n-amyl Acetate	20.000	25.563	-27.8	134	0.00
48 M	t-1,3-Dichloropropene	20.000	21.539	-7.7	113	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.705	-3.5	105	0.00
50 M	1,1,2-Trichloroethane	20.000	22.261	-11.3	108	0.00
51	Ethyl methacrylate	20.000	24.222	-21.1	125	0.00
52	1,3-Dichloropropane	20.000	21.405	-7.0	106	0.00
53 M	Dibromochloromethane	20.000	22.126	-10.6	111	0.00
54 M	1,2-Dibromoethane	20.000	23.287	-16.4	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	109.898	-9.9	108	0.00
56 M	Bromoform	20.000	23.291	-16.5	119	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	120.262	-20.3	117	0.00
59 M	2-Hexanone	100.000	120.921	-20.9	116	0.00
60 S	4-Bromofluorobenzene	30.000	30.549	-1.8	102	0.00
61 M	Tetrachloroethene	20.000	24.827	-24.1	121	0.00
62 M	Toluene	20.000	20.516	-2.6	101	0.00
63 S	Toluene-d8	30.000	28.453	5.2	94	0.00
64 M	Chlorobenzene	20.000	21.336	-6.7	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.505	-7.5	109	0.00
66 M	Ethyl Benzene	20.000	20.798	-4.0	104	0.00
67 M	m/p-Xylenes	40.000	42.137	-5.3	104	0.00
68 M	o-Xylene	20.000	21.402	-7.0	107	0.00
69 M	Styrene	20.000	21.538	-7.7	107	0.00
70	Isopropylbenzene	20.000	21.190	-6.0	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.854	-14.3	112	0.00
72	1,2,3-Trichloropropane	20.000	22.026	-10.1	115	0.00
73	Bromobenzene	20.000	22.532	-12.7	114	0.00
74	n-propylbenzene	20.000	20.321	-1.6	100	0.00
75	2-Chlorotoluene	20.000	21.119	-5.6	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.717	-3.6	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	23.537	-17.7	125	0.00
78	4-Chlorotoluene	20.000	21.125	-5.6	105	0.00
79	tert-butylbenzene	20.000	21.190	-6.0	104	0.00
80	1,2,4-Trimethylbenzene	20.000	20.822	-4.1	102	0.00
81	sec-Butylbenzene	20.000	19.922	0.4	98	0.00
82	p-Isopropyltoluene	20.000	20.186	-0.9	100	0.00
83 M	1,3-Dichlorobenzene	20.000	21.615	-8.1	108	0.00
84 M	1,4-Dichlorobenzene	20.000	21.803	-9.0	109	0.00
85	n-Butylbenzene	20.000	18.274	8.6	91	0.00
86 T	Hexachloroethane	20.000	18.484	7.6	94	0.00
87 M	1,2-Dichlorobenzene	20.000	21.816	-9.1	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.818	-14.1	116	0.00
89	1,2,4-Trichlorobenzene	20.000	21.276	-6.4	110	0.00
90	Hexachlorobutadiene	20.000	20.076	-0.4	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122118\
Data File : VN053097.D
Acq On : 21 Dec 2018 11:38
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 22 01:05:47 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	24.316	-21.6	126	0.00
92	1,2,3-Trichlorobenzene	20.000	21.536	-7.7	110	0.00

(#) = Out of Range

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