

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\
 Data File : VN052465.D
 Acq On : 26 Nov 2018 18:04
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 01:12:29 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	19.398	3.0	94	0.00
3 M	Chloromethane	20.000	19.529	2.4	97	0.00
4 M	Vinyl Chloride	20.000	19.688	1.6	98	0.00
5 M	Bromomethane	20.000	20.935	-4.7	106	0.00
6 M	Chloroethane	20.000	19.823	0.9	98	0.00
7 M	Trichlorofluoromethane	20.000	19.642	1.8	99	0.00
8 T	Diethyl Ether	20.000	19.809	1.0	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.095	4.5	93	0.00
10 M	1,1-Dichloroethene	20.000	19.613	1.9	99	0.00
11	Methyl Iodide	20.000	18.888	5.6	98	0.00
12	Methyl Acetate	20.000	19.654	1.7	98	0.00
13 M	Acrolein	100.000	97.406	2.6	105	0.00
14 M	Acrylonitrile	100.000	98.969	1.0	97	0.00
15 M	Acetone	100.000	86.790	13.2	80	0.00
16 M	Carbon Disulfide	20.000	19.143	4.3	96	0.00
17	Allyl chloride	20.000	17.991	10.0	89	0.00
18 M	Methylene Chloride	20.000	19.877	0.6	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.723	1.4	100	0.00
20 T	Diisopropyl ether	20.000	19.845	0.8	99	0.00
21 M	1,1-Dichloroethane	20.000	19.874	0.6	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.631	1.8	98	0.00
23 M	tert-Butyl Alcohol	100.000	86.748	13.3	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.501	-2.5	103	0.00
25 M	Chloroform	20.000	19.798	1.0	99	0.00
26	Cyclohexane	20.000	19.292	3.5	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.061	-0.2	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.353	3.2	97	0.00
30 M	2-Butanone	100.000	93.329	6.7	91	0.00
31	2,2-Dichloropropane	20.000	18.780	6.1	96	0.00
32 M	1,1,1-Trichloroethane	20.000	19.776	1.1	100	0.00
33 M	Carbon Tetrachloride	20.000	19.580	2.1	99	0.00
34 M	Benzene	20.000	19.781	1.1	99	0.00
35	Methacrylonitrile	20.000	21.287	-6.4	105	0.00
36 M	1,2-Dichloroethane	20.000	19.871	0.6	100	0.00
37 M	Trichloroethene	20.000	19.455	2.7	98	0.00
38	Methylcyclohexane	20.000	19.255	3.7	95	0.00
39 M	1,2-Dichloropropane	20.000	19.664	1.7	99	0.00
40	Dibromomethane	20.000	19.903	0.5	100	0.00
41 M	Bromodichloromethane	20.000	19.263	3.7	98	0.00
42 M	Vinyl Acetate	100.000	99.492	0.5	101	0.00
43	Ethyl Acetate	20.000	21.781	-8.9	106	0.00
44	Isopropyl Acetate	20.000	20.568	-2.8	105	0.00
45 T	1,4-Dioxane	400.000	332.005	17.0	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.365	-1.8	104	0.00
47	n-amyl Acetate	20.000	19.205	4.0	102	0.00
48 M	t-1,3-Dichloropropene	20.000	19.161	4.2	101	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.343	3.3	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.383	-1.9	100	0.00
51	Ethyl methacrylate	20.000	19.636	1.8	102	0.00
52	1,3-Dichloropropane	20.000	19.950	0.3	99	0.00
53 M	Dibromochloromethane	20.000	19.475	2.6	98	0.00
54 M	1,2-Dibromoethane	20.000	20.241	-1.2	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.861	0.1	99	0.00
56 M	Bromoform	20.000	19.217	3.9	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.263	-3.3	99	0.00
59 M	2-Hexanone	100.000	97.690	2.3	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.987	0.0	99	0.00
61 M	Tetrachloroethene	20.000	19.917	0.4	96	0.00
62 M	Toluene	20.000	19.972	0.1	98	0.00
63 S	Toluene-d8	30.000	30.112	-0.4	98	0.00
64 M	Chlorobenzene	20.000	20.028	-0.1	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.780	1.1	100	0.00
66 M	Ethyl Benzene	20.000	19.716	1.4	98	0.00
67 M	m/p-Xylenes	40.000	39.583	1.0	97	0.00
68 M	o-Xylene	20.000	19.989	0.1	99	0.00
69 M	Styrene	20.000	19.604	2.0	97	0.00
70	Isopropylbenzene	20.000	19.969	0.2	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.674	-3.4	100	0.00
72	1,2,3-Trichloropropane	20.000	20.787	-3.9	108	0.00
73	Bromobenzene	20.000	19.886	0.6	99	0.00
74	n-propylbenzene	20.000	19.524	2.4	95	0.00
75	2-Chlorotoluene	20.000	19.988	0.1	98	0.00
76	1,3,5-Trimethylbenzene	20.000	19.926	0.4	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.824	5.9	99	0.00
78	4-Chlorotoluene	20.000	19.449	2.8	96	0.00
79	tert-butylbenzene	20.000	20.105	-0.5	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.904	0.5	96	0.00
81	sec-Butylbenzene	20.000	19.657	1.7	96	0.00
82	p-Isopropyltoluene	20.000	19.412	2.9	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.409	3.0	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.507	2.5	97	0.00
85	n-Butylbenzene	20.000	18.787	6.1	93	0.00
86 T	Hexachloroethane	20.000	19.228	3.9	97	0.00
87 M	1,2-Dichlorobenzene	20.000	20.301	-1.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.255	-1.3	102	0.00
89	1,2,4-Trichlorobenzene	20.000	18.976	5.1	98	0.00
90	Hexachlorobutadiene	20.000	19.631	1.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.392	3.0	100	0.00
92	1,2,3-Trichlorobenzene	20.000	19.703	1.5	100	0.00

(#) = Out of Range

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