

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113018\
 Data File : VN052616.D
 Acq On : 30 Nov 2018 19:21
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 01 02:36:44 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.731	6.3	85	0.00
3 M	Chloromethane	20.000	18.786	6.1	87	0.00
4 M	Vinyl Chloride	20.000	19.304	3.5	90	0.00
5 M	Bromomethane	20.000	19.987	0.1	94	0.00
6 M	Chloroethane	20.000	19.788	1.1	91	0.00
7 M	Trichlorofluoromethane	20.000	19.595	2.0	92	0.00
8 T	Diethyl Ether	20.000	20.338	-1.7	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.242	3.8	87	0.00
10 M	1,1-Dichloroethene	20.000	19.998	0.0	94	0.00
11	Methyl Iodide	20.000	21.583	-7.9	104	0.00
12	Methyl Acetate	20.000	21.799	-9.0	101	0.00
13 M	Acrolein	100.000	92.039	8.0	93	0.00
14 M	Acrylonitrile	100.000	104.500	-4.5	95	0.00
15 M	Acetone	100.000	91.927	8.1	79	0.00
16 M	Carbon Disulfide	20.000	18.054	9.7	85	0.00
17	Allyl chloride	20.000	18.081	9.6	84	0.00
18 M	Methylene Chloride	20.000	20.585	-2.9	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.783	1.1	93	0.00
20 T	Diisopropyl ether	20.000	19.568	2.2	91	0.00
21 M	1,1-Dichloroethane	20.000	19.721	1.4	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.604	2.0	91	0.00
23 M	tert-Butyl Alcohol	100.000	123.027	-23.0	112	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.149	-5.7	99	0.00
25 M	Chloroform	20.000	20.045	-0.2	94	0.00
26	Cyclohexane	20.000	19.030	4.8	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.068	-0.2	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	19.523	2.4	91	0.00
30 M	2-Butanone	100.000	101.179	-1.2	92	0.00
31	2,2-Dichloropropane	20.000	19.040	4.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	20.430	-2.1	96	0.00
33 M	Carbon Tetrachloride	20.000	19.923	0.4	93	0.00
34 M	Benzene	20.000	19.819	0.9	92	0.00
35	Methacrylonitrile	20.000	20.346	-1.7	94	0.00
36 M	1,2-Dichloroethane	20.000	20.222	-1.1	94	0.00
37 M	Trichloroethene	20.000	20.042	-0.2	94	0.00
38	Methylcyclohexane	20.000	18.720	6.4	86	0.00
39 M	1,2-Dichloropropane	20.000	19.652	1.7	92	0.00
40	Dibromomethane	20.000	20.783	-3.9	97	0.00
41 M	Bromodichloromethane	20.000	19.679	1.6	93	0.00
42 M	Vinyl Acetate	100.000	101.038	-1.0	95	0.00
43	Ethyl Acetate	20.000	21.504	-7.5	97	0.00
44	Isopropyl Acetate	20.000	23.421	-17.1	111	0.00
45 T	1,4-Dioxane	400.000	477.534	-19.4	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.219	-6.1	100	0.00
47	n-amyl Acetate	20.000	21.126	-5.6	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.948	0.3	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.456	2.7	93	0.00
50 M	1,1,2-Trichloroethane	20.000	20.968	-4.8	96	0.00
51	Ethyl methacrylate	20.000	21.222	-6.1	103	0.00
52	1,3-Dichloropropane	20.000	20.495	-2.5	95	0.00
53 M	Dibromochloromethane	20.000	20.331	-1.7	95	0.00
54 M	1,2-Dibromoethane	20.000	20.971	-4.9	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.081	-2.1	94	0.00
56 M	Bromoform	20.000	20.598	-3.0	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.837	-9.8	99	0.00
59 M	2-Hexanone	100.000	105.226	-5.2	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.837	0.5	93	0.00
61 M	Tetrachloroethene	20.000	21.066	-5.3	95	0.00
62 M	Toluene	20.000	20.000	0.0	92	0.00
63 S	Toluene-d8	30.000	29.568	1.4	91	0.00
64 M	Chlorobenzene	20.000	20.091	-0.5	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.315	-1.6	96	0.00
66 M	Ethyl Benzene	20.000	19.848	0.8	92	0.00
67 M	m/p-Xylenes	40.000	40.078	-0.2	92	0.00
68 M	o-Xylene	20.000	20.169	-0.8	93	0.00
69 M	Styrene	20.000	20.023	-0.1	93	0.00
70	Isopropylbenzene	20.000	20.237	-1.2	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.472	-7.4	97	0.00
72	1,2,3-Trichloropropane	20.000	21.377	-6.9	104	0.00
73	Bromobenzene	20.000	20.788	-3.9	97	0.00
74	n-propylbenzene	20.000	19.539	2.3	90	0.00
75	2-Chlorotoluene	20.000	20.182	-0.9	93	0.00
76	1,3,5-Trimethylbenzene	20.000	20.336	-1.7	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.125	-0.6	99	0.00
78	4-Chlorotoluene	20.000	19.669	1.7	91	0.00
79	tert-butylbenzene	20.000	20.535	-2.7	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.271	-1.4	92	0.00
81	sec-Butylbenzene	20.000	19.801	1.0	91	0.00
82	p-Isopropyltoluene	20.000	19.706	1.5	91	0.00
83 M	1,3-Dichlorobenzene	20.000	20.291	-1.5	95	0.00
84 M	1,4-Dichlorobenzene	20.000	20.262	-1.3	95	0.00
85	n-Butylbenzene	20.000	18.429	7.9	86	0.00
86 T	Hexachloroethane	20.000	19.462	2.7	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.800	-4.0	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.306	-11.5	106	0.00
89	1,2,4-Trichlorobenzene	20.000	19.945	0.3	96	0.00
90	Hexachlorobutadiene	20.000	20.175	-0.9	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.619	-3.1	100	0.00
92	1,2,3-Trichlorobenzene	20.000	20.883	-4.4	99	0.00

(#) = Out of Range

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