

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052113.D
 Acq On : 1 Nov 2018 19:49
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 02 07:42:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 01 10:27:53 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	19.128	4.4	88	0.00
3 M	Chloromethane	20.000	19.889	0.6	90	0.00
4 M	Vinyl Chloride	20.000	20.482	-2.4	91	0.00
5 M	Bromomethane	20.000	19.552	2.2	92	0.00
6 M	Chloroethane	20.000	19.705	1.5	91	0.00
7 M	Trichlorofluoromethane	20.000	19.461	2.7	90	0.00
8 T	Diethyl Ether	20.000	20.282	-1.4	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.569	2.2	93	0.00
10 M	1,1-Dichloroethene	20.000	19.954	0.2	96	0.00
11	Methyl Iodide	20.000	18.133	9.3	90	0.00
12	Methyl Acetate	20.000	22.103	-10.5	106	0.00
13 M	Acrolein	100.000	113.019	-13.0	110	0.00
14 M	Acrylonitrile	100.000	104.950	-5.0	96	0.00
15 M	Acetone	100.000	100.446	-0.4	90	0.00
16 M	Carbon Disulfide	20.000	17.930	10.4	87	0.00
17	Allyl chloride	20.000	19.630	1.9	93	0.00
18 M	Methylene Chloride	20.000	18.924	5.4	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.879	0.6	94	0.00
20 T	Diisopropyl ether	20.000	20.088	-0.4	93	0.00
21 M	1,1-Dichloroethane	20.000	19.288	3.6	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.376	-1.9	95	0.00
23 M	tert-Butyl Alcohol	100.000	131.024	-31.0#	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.574	-2.9	94	0.00
25 M	Chloroform	20.000	19.928	0.4	91	0.00
26	Cyclohexane	20.000	18.958	5.2	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.861	-6.2	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	18.935	5.3	90	0.00
30 M	2-Butanone	100.000	102.637	-2.6	94	0.00
31	2,2-Dichloropropane	20.000	15.547	22.3	75	0.00
32 M	1,1,1-Trichloroethane	20.000	19.386	3.1	95	0.00
33 M	Carbon Tetrachloride	20.000	17.763	11.2	88	0.00
34 M	Benzene	20.000	19.517	2.4	93	0.00
35	Methacrylonitrile	20.000	12.519	37.4#	85	-0.02
36 M	1,2-Dichloroethane	20.000	19.410	2.9	93	0.00
37 M	Trichloroethene	20.000	18.598	7.0	94	0.00
38	Methylcyclohexane	20.000	17.630	11.9	86	0.00
39 M	1,2-Dichloropropane	20.000	19.110	4.5	89	0.00
40	Dibromomethane	20.000	19.754	1.2	94	0.00
41 M	Bromodichloromethane	20.000	18.653	6.7	90	0.00
42 M	Vinyl Acetate	100.000	99.744	0.3	94	0.00
43	Ethyl Acetate	20.000	13.977	30.1#	95	0.00
44	Isopropyl Acetate	20.000	21.762	-8.8	104	0.00
45 T	1,4-Dioxane	400.000	447.123	-11.8	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.633	-3.2	95	0.00
47	n-amyl Acetate	20.000	0.072	99.6#	0	-0.10
48 M	t-1,3-Dichloropropene	20.000	18.580	7.1	91	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.448	7.8	88	0.00
50 M	1,1,2-Trichloroethane	20.000	19.268	3.7	93	0.00
51	Ethyl methacrylate	20.000	19.761	1.2	96	0.00
52	1,3-Dichloropropane	20.000	20.234	-1.2	97	0.00
53 M	Dibromochloromethane	20.000	18.116	9.4	90	0.00
54 M	1,2-Dibromoethane	20.000	19.736	1.3	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.498	-4.5	97	0.00
56 M	Bromoform	20.000	17.248	13.8	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.757	-8.8	98	0.00
59 M	2-Hexanone	100.000	105.797	-5.8	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.766	0.8	93	0.00
61 M	Tetrachloroethene	20.000	18.412	7.9	90	0.00
62 M	Toluene	20.000	19.819	0.9	92	0.00
63 S	Toluene-d8	30.000	30.306	-1.0	93	0.00
64 M	Chlorobenzene	20.000	19.313	3.4	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.937	5.3	91	0.00
66 M	Ethyl Benzene	20.000	19.038	4.8	91	0.00
67 M	m/p-Xylenes	40.000	38.081	4.8	91	0.00
68 M	o-Xylene	20.000	19.326	3.4	92	0.00
69 M	Styrene	20.000	19.171	4.1	90	0.00
70	Isopropylbenzene	20.000	18.972	5.1	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.500	-7.5	101	0.00
72	1,2,3-Trichloropropane	20.000	24.202	-21.0	103	0.00
73	Bromobenzene	20.000	19.295	3.5	96	0.00
74	n-propylbenzene	20.000	18.627	6.9	90	0.00
75	2-Chlorotoluene	20.000	19.158	4.2	91	0.00
76	1,3,5-Trimethylbenzene	20.000	18.719	6.4	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.774	16.1	89	0.00
78	4-Chlorotoluene	20.000	18.945	5.3	91	0.00
79	tert-butylbenzene	20.000	18.955	5.2	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.332	3.3	91	0.00
81	sec-Butylbenzene	20.000	18.349	8.3	88	0.00
82	p-Isopropyltoluene	20.000	18.100	9.5	88	0.00
83 M	1,3-Dichlorobenzene	20.000	18.711	6.4	92	0.00
84 M	1,4-Dichlorobenzene	20.000	18.262	8.7	92	0.00
85	n-Butylbenzene	20.000	17.146	14.3	85	0.00
86 T	Hexachloroethane	20.000	17.361	13.2	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.585	7.1	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.150	-10.7	100	0.00
89	1,2,4-Trichlorobenzene	20.000	19.191	4.0	89	0.00
90	Hexachlorobutadiene	20.000	16.773	16.1	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.884	-4.4	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.839	10.8	91	0.00

(#) = Out of Range

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