

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049766.D
 Acq On : 11 Jul 2018 19:29
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 02:39:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	21.935	-9.7	100	0.00
3 M	Chloromethane	20.000	20.650	-3.2	99	0.00
4 M	Vinyl Chloride	20.000	20.565	-2.8	98	0.00
5 M	Bromomethane	20.000	19.955	0.2	100	0.00
6 M	Chloroethane	20.000	20.606	-3.0	98	0.00
7 M	Trichlorofluoromethane	20.000	20.818	-4.1	99	0.00
8 T	Diethyl Ether	20.000	19.913	0.4	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.577	-2.9	99	0.00
10 M	1,1-Dichloroethene	20.000	20.549	-2.7	100	0.00
11	Methyl Iodide	20.000	19.705	1.5	100	0.00
12	Methyl Acetate	20.000	20.986	-4.9	101	0.00
13 M	Acrolein	100.000	84.605	15.4	94	0.00
14 M	Acrylonitrile	100.000	99.777	0.2	103	0.00
15 M	Acetone	100.000	94.668	5.3	91	0.00
16 M	Carbon Disulfide	20.000	20.362	-1.8	101	0.00
17	Allyl chloride	20.000	19.541	2.3	99	0.00
18 M	Methylene Chloride	20.000	19.595	2.0	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.479	-2.4	102	0.00
20 T	Diisopropyl ether	20.000	20.615	-3.1	102	0.00
21 M	1,1-Dichloroethane	20.000	20.665	-3.3	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.242	-1.2	100	0.00
23 M	tert-Butyl Alcohol	100.000	101.704	-1.7	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.159	-0.8	100	0.00
25 M	Chloroform	20.000	20.627	-3.1	100	0.00
26	Cyclohexane	20.000	19.990	0.1	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.549	-1.8	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.158	-0.8	101	0.00
30 M	2-Butanone	100.000	93.645	6.4	94	0.00
31	2,2-Dichloropropane	20.000	18.235	8.8	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.061	-0.3	99	0.00
33 M	Carbon Tetrachloride	20.000	20.105	-0.5	100	0.00
34 M	Benzene	20.000	20.074	-0.4	99	0.00
35	Methacrylonitrile	20.000	19.002	5.0	109	0.00
36 M	1,2-Dichloroethane	20.000	20.037	-0.2	101	0.00
37 M	Trichloroethene	20.000	19.615	1.9	98	0.00
38	Methylcyclohexane	20.000	19.119	4.4	101	0.00
39 M	1,2-Dichloropropane	20.000	20.187	-0.9	101	0.00
40	Dibromomethane	20.000	20.170	-0.9	100	0.00
41 M	Bromodichloromethane	20.000	19.834	0.8	100	0.00
42 M	Vinyl Acetate	100.000	97.300	2.7	100	0.00
43	Ethyl Acetate	20.000	20.462	-2.3	112	0.00
44	Isopropyl Acetate	20.000	20.221	-1.1	103	0.00
45 T	1,4-Dioxane	400.000	395.701	1.1	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.833	5.8	99	0.00
47	n-amyl Acetate	20.000	18.245	8.8	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.950	5.3	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.415	2.9	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.329	-1.6	101	0.00
51	Ethyl methacrylate	20.000	18.930	5.4	101	0.00
52	1,3-Dichloropropane	20.000	20.065	-0.3	101	0.00
53 M	Dibromochloromethane	20.000	19.502	2.5	99	0.00
54 M	1,2-Dibromoethane	20.000	19.914	0.4	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.043	7.0	102	0.00
56 M	Bromoform	20.000	19.154	4.2	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.676	-1.7	100	0.00
59 M	2-Hexanone	100.000	97.390	2.6	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.422	1.9	98	0.00
61 M	Tetrachloroethene	20.000	20.778	-3.9	101	0.00
62 M	Toluene	20.000	20.458	-2.3	101	0.00
63 S	Toluene-d8	30.000	30.261	-0.9	96	0.00
64 M	Chlorobenzene	20.000	20.071	-0.4	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.172	-0.9	100	0.00
66 M	Ethyl Benzene	20.000	19.800	1.0	101	0.00
67 M	m/p-Xylenes	40.000	40.227	-0.6	101	0.00
68 M	o-Xylene	20.000	20.136	-0.7	102	0.00
69 M	Styrene	20.000	20.001	-0.0	102	0.00
70	Isopropylbenzene	20.000	20.214	-1.1	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.068	-0.3	98	0.00
72	1,2,3-Trichloropropane	20.000	21.130	-5.6	106	0.00
73	Bromobenzene	20.000	19.759	1.2	101	0.00
74	n-propylbenzene	20.000	19.847	0.8	102	0.00
75	2-Chlorotoluene	20.000	20.175	-0.9	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.354	-1.8	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.380	13.1	95	0.00
78	4-Chlorotoluene	20.000	19.948	0.3	103	0.00
79	tert-butylbenzene	20.000	19.908	0.5	101	0.00
80	1,2,4-Trimethylbenzene	20.000	20.373	-1.9	102	0.00
81	sec-Butylbenzene	20.000	20.204	-1.0	104	0.00
82	p-Isopropyltoluene	20.000	19.969	0.2	103	0.00
83 M	1,3-Dichlorobenzene	20.000	19.572	2.1	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.387	3.1	104	0.00
85	n-Butylbenzene	20.000	18.766	6.2	103	0.00
86 T	Hexachloroethane	20.000	20.022	-0.1	105	0.00
87 M	1,2-Dichlorobenzene	20.000	20.349	-1.7	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.415	2.9	103	0.00
89	1,2,4-Trichlorobenzene	20.000	19.424	2.9	111	0.00
90	Hexachlorobutadiene	20.000	19.827	0.9	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.950	10.3	108	0.00
92	1,2,3-Trichlorobenzene	20.000	19.531	2.3	105	0.00

(#) = Out of Range

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