

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121918\
 Data File : VN053022.D
 Acq On : 19 Dec 2018 20:10
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:45:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	50.000	46.622	6.8	94	0.00
3 P	Chloromethane	50.000	48.336	3.3	95	0.00
4 C	Vinyl Chloride	50.000	47.952	4.1#	96	0.00
5 T	Bromomethane	50.000	45.524	9.0	97	0.00
6 T	Chloroethane	50.000	47.620	4.8	95	0.00
7 T	Trichlorofluoromethane	50.000	48.863	2.3	97	0.00
8 T	Diethyl Ether	50.000	50.419	-0.8	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.799	4.4	97	0.00
10 T	Methyl Iodide	50.000	50.043	-0.1	95	0.00
11 T	Tert butyl alcohol	250.000	248.837	0.5	96	0.00
12 CM	1,1-Dichloroethene	50.000	48.531	2.9#	96	0.00
13 T	Acrolein	250.000	320.650	-28.3#	123	0.00
14 T	Allyl chloride	50.000	52.311	-4.6	104	0.00
15 T	Acrylonitrile	250.000	248.448	0.6	98	0.00
16 T	Acetone	250.000	258.018	-3.2	105	0.00
17 T	Carbon Disulfide	50.000	42.505	15.0	88	0.00
18 T	Methyl Acetate	50.000	48.940	2.1	98	0.00
19 T	Methyl tert-butyl Ether	50.000	51.191	-2.4	100	0.00
20 T	Methylene Chloride	50.000	48.730	2.5	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.337	3.3	97	0.00
22 T	Diisopropyl ether	50.000	51.316	-2.6	100	0.00
23 T	Vinyl Acetate	250.000	257.959	-3.2	104	0.00
24 P	1,1-Dichloroethane	50.000	49.613	0.8	98	0.00
25 T	2-Butanone	250.000	264.617	-5.8	101	0.00
26 T	2,2-Dichloropropane	50.000	46.539	6.9	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.744	0.5	98	0.00
28 T	Bromochloromethane	50.000	50.160	-0.3	97	0.00
29 T	Tetrahydrofuran	250.000	252.422	-1.0	97	0.00
30 C	Chloroform	50.000	49.439	1.1#	98	0.00
31 T	Cyclohexane	50.000	48.432	3.1	96	0.00
32 T	1,1,1-Trichloroethane	50.000	48.495	3.0	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.604	-3.2	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	60.125	-20.3	117	0.00
36 T	1,1-Dichloropropene	50.000	48.502	3.0	97	0.00
37 T	Ethyl Acetate	50.000	51.622	-3.2	98	0.00
38 T	Carbon Tetrachloride	50.000	48.394	3.2	95	0.00
39 T	Methylcyclohexane	50.000	45.741	8.5	92	0.00
40 TM	Benzene	50.000	49.287	1.4	98	0.00
41 T	Methacrylonitrile	50.000	54.435	-8.9	105	0.00
42 TM	1,2-Dichloroethane	50.000	48.656	2.7	96	0.00
43 T	Isopropyl Acetate	50.000	50.501	-1.0	98	0.00
44 TM	Trichloroethene	50.000	48.013	4.0	95	0.00
45 C	1,2-Dichloropropane	50.000	50.365	-0.7#	99	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.882	2.2	96	0.00
47 T	Bromodichloromethane	50.000	48.695	2.6	96	0.00
48 T	Methyl methacrylate	50.000	50.715	-1.4	99	0.00
49 T	1,4-Dioxane	1000.000	957.015	4.3	97	0.00
50 S	Toluene-d8	50.000	51.910	-3.8	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.074	-3.6	98	0.00
52 CM	Toluene	50.000	49.121	1.8#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	48.316	3.4	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.801	0.4	96	0.00
55 T	1,1,2-Trichloroethane	50.000	49.705	0.6	97	0.00
56 T	Ethyl methacrylate	50.000	51.113	-2.2	98	0.00
57 T	1,3-Dichloropropane	50.000	49.976	0.0	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.832	-1.5	96	0.00
59 T	2-Hexanone	250.000	258.702	-3.5	99	0.00
60 T	Dibromochloromethane	50.000	48.480	3.0	95	0.00
61 T	1,2-Dibromoethane	50.000	49.656	0.7	97	0.00
62 S	4-Bromofluorobenzene	50.000	51.938	-3.9	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	46.403	7.2	91	0.00
65 PM	Chlorobenzene	50.000	48.997	2.0	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.195	1.6	97	0.00
67 C	Ethyl Benzene	50.000	49.360	1.3#	98	0.00
68 T	m/p-Xylenes	100.000	99.035	1.0	98	0.00
69 T	o-Xylene	50.000	49.940	0.1	98	0.00
70 T	Styrene	50.000	50.861	-1.7	99	0.00
71 P	Bromoform	50.000	47.476	5.0	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.716	0.6	97	0.00
74 T	N-amyl acetate	50.000	52.543	-5.1	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.711	-5.4	107	0.00
76 T	1,2,3-Trichloropropane	50.000	43.555	12.9	82	0.00
77 T	Bromobenzene	50.000	51.570	-3.1	101	0.00
78 T	n-propylbenzene	50.000	49.521	1.0	97	0.00
79 T	2-Chlorotoluene	50.000	47.222	5.6	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.683	2.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.910	4.2	90	0.00
82 T	4-Chlorotoluene	50.000	49.315	1.4	97	0.00
83 T	tert-Butylbenzene	50.000	48.428	3.1	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.356	1.3	96	0.00
85 T	sec-Butylbenzene	50.000	47.144	5.7	94	0.00
86 T	p-Isopropyltoluene	50.000	47.590	4.8	94	0.00
87 T	1,3-Dichlorobenzene	50.000	48.658	2.7	96	0.00
88 T	1,4-Dichlorobenzene	50.000	47.312	5.4	96	0.00
89 T	n-Butylbenzene	50.000	45.832	8.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.652	6.7	92	0.00
91 T	1,2-Dichlorobenzene	50.000	48.617	2.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.121	5.8	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.442	5.1	95	0.00
94 T	Hexachlorobutadiene	50.000	49.958	0.1	94	0.00
95 T	Naphthalene	50.000	48.170	3.7	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.430	5.1	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6