

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102119\
 Data File : VN058895.D
 Acq On : 21 Oct 2019 17:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 22 05:02:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	47.237	5.5	98	0.00
3 P	Chloromethane	50.000	45.317	9.4	96	0.00
4 C	Vinyl Chloride	50.000	47.469	5.1#	99	0.00
5 T	Bromomethane	50.000	46.903	6.2	97	0.00
6 T	Chloroethane	50.000	47.369	5.3	100	0.00
7 T	Trichlorofluoromethane	50.000	46.082	7.8	94	0.00
8 T	Diethyl Ether	50.000	49.805	0.4	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.505	5.0	102	0.00
10 T	Methyl Iodide	50.000	48.474	3.1	100	0.00
11 T	Tert butyl alcohol	250.000	237.870	4.9	101	0.00
12 CM	1,1-Dichloroethene	50.000	49.280	1.4#	103	0.00
13 T	Acrolein	250.000	200.735	19.7	80	0.00
14 T	Allyl chloride	50.000	49.326	1.3	101	0.00
15 T	Acrylonitrile	250.000	250.920	-0.4	100	0.00
16 T	Acetone	250.000	225.741	9.7	88	0.00
17 T	Carbon Disulfide	50.000	46.054	7.9	96	0.00
18 T	Methyl Acetate	50.000	48.053	3.9	105	0.00
19 T	Methyl tert-butyl Ether	50.000	51.711	-3.4	104	0.00
20 T	Methylene Chloride	50.000	46.508	7.0	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.103	1.8	101	0.00
22 T	Diisopropyl ether	50.000	51.647	-3.3	103	0.00
23 T	Vinyl Acetate	250.000	276.551	-10.6	103	0.00
24 P	1,1-Dichloroethane	50.000	48.619	2.8	103	0.00
25 T	2-Butanone	250.000	243.354	2.7	96	0.00
26 T	2,2-Dichloropropane	50.000	49.711	0.6	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.303	-0.6	102	0.00
28 T	Bromochloromethane	50.000	49.558	0.9	102	0.00
29 T	Tetrahydrofuran	250.000	253.979	-1.6	100	0.00
30 C	Chloroform	50.000	47.878	4.2#	102	0.00
31 T	Cyclohexane	50.000	48.118	3.8	101	0.00
32 T	1,1,1-Trichloroethane	50.000	50.043	-0.1	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.643	2.7	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	49.587	0.8	102	0.00
36 T	1,1-Dichloropropene	50.000	50.721	-1.4	101	0.00
37 T	Ethyl Acetate	50.000	51.733	-3.5	100	0.00
38 T	Carbon Tetrachloride	50.000	49.589	0.8	102	0.00
39 T	Methylcyclohexane	50.000	51.981	-4.0	101	0.00
40 TM	Benzene	50.000	50.396	-0.8	101	0.00
41 T	Methacrylonitrile	50.000	42.669	14.7	90	0.00
42 TM	1,2-Dichloroethane	50.000	49.550	0.9	102	0.00
43 T	Isopropyl Acetate	50.000	51.905	-3.8	103	0.00
44 TM	Trichloroethene	50.000	50.615	-1.2	103	0.00
45 C	1,2-Dichloropropane	50.000	50.815	-1.6#	103	0.00

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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)
46 T	Dibromomethane	50.000	49.513	1.0	101	0.00
47 T	Bromodichloromethane	50.000	50.612	-1.2	103	0.00
48 T	Methyl methacrylate	50.000	52.694	-5.4	100	0.00
49 T	1,4-Dioxane	1000.000	989.348	1.1	99	0.00
50 S	Toluene-d8	50.000	49.861	0.3	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.209	-9.7	101	0.00
52 CM	Toluene	50.000	52.653	-5.3#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.069	-4.1	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.085	-4.2	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.856	0.3	103	0.00
56 T	Ethyl methacrylate	50.000	48.231	3.5	103	0.00
57 T	1,3-Dichloropropane	50.000	50.786	-1.6	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.619	1.8	102	0.00
59 T	2-Hexanone	250.000	270.468	-8.2	99	0.00
60 T	Dibromochloromethane	50.000	51.185	-2.4	102	0.00
61 T	1,2-Dibromoethane	50.000	50.551	-1.1	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.561	-1.1	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	48.690	2.6	99	0.00
65 PM	Chlorobenzene	50.000	51.128	-2.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.003	-2.0	103	0.00
67 C	Ethyl Benzene	50.000	54.684	-9.4#	103	0.00
68 T	m/p-Xylenes	100.000	108.852	-8.9	102	0.00
69 T	o-Xylene	50.000	54.416	-8.8	103	0.00
70 T	Styrene	50.000	49.215	1.6	102	0.00
71 P	Bromoform	50.000	51.682	-3.4	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	52.793	-5.6	103	0.00
74 T	N-amyl acetate	50.000	54.412	-8.8	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.858	2.3	101	0.00
76 T	1,2,3-Trichloropropane	50.000	47.105	5.8	100	0.00
77 T	Bromobenzene	50.000	49.729	0.5	101	0.00
78 T	n-propylbenzene	50.000	53.177	-6.4	102	0.00
79 T	2-Chlorotoluene	50.000	50.818	-1.6	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.843	-7.7	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.800	-1.6	100	0.00
82 T	4-Chlorotoluene	50.000	51.387	-2.8	101	0.00
83 T	tert-Butylbenzene	50.000	53.363	-6.7	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.026	-10.1	102	0.00
85 T	sec-Butylbenzene	50.000	54.285	-8.6	102	0.00
86 T	p-Isopropyltoluene	50.000	55.604	-11.2	103	0.00
87 T	1,3-Dichlorobenzene	50.000	51.194	-2.4	102	0.00
88 T	1,4-Dichlorobenzene	50.000	51.138	-2.3	102	0.00
89 T	n-Butylbenzene	50.000	54.748	-9.5	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.019	-0.0	102	0.00
91 T	1,2-Dichlorobenzene	50.000	51.252	-2.5	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.375	5.3	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.754	4.5	101	0.00
94 T	Hexachlorobutadiene	50.000	48.698	2.6	99	0.00
95 T	Naphthalene	50.000	47.868	4.3	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.793	4.4	101	0.00

(#) = Out of Range

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