

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061319\
 Data File : VN056298.D
 Acq On : 13 Jun 2019 21:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 14 03:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	46.553	6.9	90	0.00
3 P	Chloromethane	50.000	51.520	-3.0	96	0.00
4 C	Vinyl Chloride	50.000	51.831	-3.7#	96	0.00
5 T	Bromomethane	50.000	45.024	10.0	85	-0.02
6 T	Chloroethane	50.000	51.587	-3.2	97	0.00
7 T	Trichlorofluoromethane	50.000	51.737	-3.5	99	0.00
8 T	Diethyl Ether	50.000	50.837	-1.7	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.702	-5.4	102	0.00
10 T	Methyl Iodide	50.000	37.104	25.8#	71	0.00
11 T	Tert butyl alcohol	250.000	282.105	-12.8	110	0.01
12 CM	1,1-Dichloroethene	50.000	51.772	-3.5#	98	0.00
13 T	Acrolein	250.000	235.889	5.6	93	0.00
14 T	Allyl chloride	50.000	54.975	-10.0	105	0.00
15 T	Acrylonitrile	250.000	316.840	-26.7#	117	0.00
16 T	Acetone	250.000	233.958	6.4	89	0.00
17 T	Carbon Disulfide	50.000	47.039	5.9	87	0.00
18 T	Methyl Acetate	50.000	68.551	-37.1#	134	0.00
19 T	Methyl tert-butyl Ether	50.000	55.266	-10.5	107	0.00
20 T	Methylene Chloride	50.000	54.075	-8.2	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.140	-2.3	98	0.00
22 T	Diisopropyl ether	50.000	56.150	-12.3	110	0.00
23 T	Vinyl Acetate	250.000	291.332	-16.5	107	0.00
24 P	1,1-Dichloroethane	50.000	56.032	-12.1	108	0.00
25 T	2-Butanone	250.000	293.530	-17.4	109	0.00
26 T	2,2-Dichloropropane	50.000	42.763	14.5	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.331	-6.7	102	0.00
28 T	Bromochloromethane	50.000	58.034	-16.1	108	0.00
29 T	Tetrahydrofuran	250.000	315.577	-26.2#	119	0.00
30 C	Chloroform	50.000	56.130	-12.3#	108	0.00
31 T	Cyclohexane	50.000	47.975	4.0	97	0.00
32 T	1,1,1-Trichloroethane	50.000	54.509	-9.0	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.805	-9.6	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	52.722	-5.4	108	0.00
36 T	1,1-Dichloropropene	50.000	48.548	2.9	102	0.00
37 T	Ethyl Acetate	50.000	58.031	-16.1	115	0.00
38 T	Carbon Tetrachloride	50.000	51.166	-2.3	105	0.00
39 T	Methylcyclohexane	50.000	45.732	8.5	95	0.00
40 TM	Benzene	50.000	50.366	-0.7	103	0.00
41 T	Methacrylonitrile	50.000	53.272	-6.5	115	0.00
42 TM	1,2-Dichloroethane	50.000	52.133	-4.3	110	0.00
43 T	Isopropyl Acetate	50.000	55.489	-11.0	111	0.00
44 TM	Trichloroethene	50.000	48.017	4.0	100	0.00
45 C	1,2-Dichloropropane	50.000	54.230	-8.5#	112	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	53.997	-8.0	111	0.00
47 T	Bromodichloromethane	50.000	57.003	-14.0	114	0.00
48 T	Methyl methacrylate	50.000	58.140	-16.3	120	0.00
49 T	1,4-Dioxane	1000.000	1115.294	-11.5	113	0.00
50 S	Toluene-d8	50.000	49.783	0.4	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.503	-16.6	118	0.00
52 CM	Toluene	50.000	50.630	-1.3#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	48.220	3.6	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.327	-8.7	106	0.00
55 T	1,1,2-Trichloroethane	50.000	54.248	-8.5	110	0.00
56 T	Ethyl methacrylate	50.000	55.314	-10.6	110	0.00
57 T	1,3-Dichloropropane	50.000	54.988	-10.0	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	224.302	10.3	101	0.00
59 T	2-Hexanone	250.000	278.531	-11.4	113	0.00
60 T	Dibromochloromethane	50.000	50.889	-1.8	111	0.00
61 T	1,2-Dibromoethane	50.000	54.813	-9.6	111	0.00
62 S	4-Bromofluorobenzene	50.000	49.900	0.2	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	45.638	8.7	97	0.00
65 PM	Chlorobenzene	50.000	51.072	-2.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.603	-11.2	111	0.00
67 C	Ethyl Benzene	50.000	50.503	-1.0#	104	0.00
68 T	m/p-Xylenes	100.000	99.310	0.7	102	0.00
69 T	o-Xylene	50.000	49.604	0.8	102	0.00
70 T	Styrene	50.000	53.055	-6.1	104	0.00
71 P	Bromoform	50.000	51.623	-3.2	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	58.041	-16.1	104	0.00
74 T	N-amyl acetate	50.000	55.911	-11.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.321	-10.6	112	0.00
76 T	1,2,3-Trichloropropane	50.000	58.704	-17.4	117	0.00
77 T	Bromobenzene	50.000	50.692	-1.4	102	0.00
78 T	n-propylbenzene	50.000	52.143	-4.3	103	0.00
79 T	2-Chlorotoluene	50.000	57.697	-15.4	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.343	1.3	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.773	-11.5	102	0.00
82 T	4-Chlorotoluene	50.000	52.687	-5.4	104	0.00
83 T	tert-Butylbenzene	50.000	56.591	-13.2	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.280	-2.6	101	0.00
85 T	sec-Butylbenzene	50.000	51.084	-2.2	102	0.00
86 T	p-Isopropyltoluene	50.000	50.199	-0.4	98	0.00
87 T	1,3-Dichlorobenzene	50.000	51.352	-2.7	98	0.00
88 T	1,4-Dichlorobenzene	50.000	51.391	-2.8	99	0.00
89 T	n-Butylbenzene	50.000	50.462	-0.9	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.829	-15.7	110	0.00
91 T	1,2-Dichlorobenzene	50.000	50.910	-1.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.588	-23.2	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.218	15.6	89	0.00
94 T	Hexachlorobutadiene	50.000	50.899	-1.8	93	0.00
95 T	Naphthalene	50.000	46.503	7.0	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.549	4.9	97	0.00

(#) = Out of Range

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