

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092718\
 Data File : VN051539.D
 Acq On : 26 Sep 2018 16:59
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 08:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	50.000	41.794	16.4	88	0.00
3 P	Chloromethane	50.000	42.717	14.6	90	0.00
4 C	Vinyl Chloride	50.000	41.587	16.8#	87	0.00
5 T	Bromomethane	50.000	36.698	26.6#	73	0.00
6 T	Chloroethane	50.000	43.343	13.3	87	0.00
7 T	Trichlorofluoromethane	50.000	42.846	14.3	84	0.00
8 T	Diethyl Ether	50.000	49.837	0.3	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.222	7.6	81	0.00
10 T	Methyl Iodide	50.000	35.826	28.3#	61	0.00
11 T	Tert butyl alcohol	250.000	311.458	-24.6#	111	0.00
12 CM	1,1-Dichloroethene	50.000	42.913	14.2#	77	0.00
13 T	Acrolein	250.000	241.111	3.6	80	0.00
14 T	Allyl chloride	50.000	49.464	1.1	82	0.00
15 T	Acrylonitrile	250.000	294.911	-18.0	100	0.00
16 T	Acetone	250.000	320.854	-28.3#	102	0.00
17 T	Carbon Disulfide	50.000	38.266	23.5#	66	0.00
18 T	Methyl Acetate	50.000	62.901	-25.8#	106	0.00
19 T	Methyl tert-butyl Ether	50.000	55.307	-10.6	100	0.00
20 T	Methylene Chloride	50.000	48.657	2.7	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.283	7.4	83	0.00
22 T	Diisopropyl ether	50.000	55.324	-10.6	109	0.00
23 T	Vinyl Acetate	250.000	286.314	-14.5	113	0.00
24 P	1,1-Dichloroethane	50.000	51.629	-3.3	104	0.00
25 T	2-Butanone	250.000	321.925	-28.8#	132	0.00
26 T	2,2-Dichloropropane	50.000	53.932	-7.9	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.266	-0.5	100	0.00
28 T	Bromochloromethane	50.000	57.075	-14.2	113	0.00
29 T	Tetrahydrofuran	250.000	326.192	-30.5#	128	0.00
30 C	Chloroform	50.000	51.224	-2.4#	102	0.00
31 T	Cyclohexane	50.000	46.861	6.3	96	0.00
32 T	1,1,1-Trichloroethane	50.000	50.509	-1.0	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.155	-6.3	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	51.112	-2.2	109	0.00
36 T	1,1-Dichloropropene	50.000	47.030	5.9	99	0.00
37 T	Ethyl Acetate	50.000	59.367	-18.7	122	0.00
38 T	Carbon Tetrachloride	50.000	45.641	8.7	94	0.00
39 T	Methylcyclohexane	50.000	46.355	7.3	95	0.00
40 TM	Benzene	50.000	48.847	2.3	100	0.00
41 T	Methacrylonitrile	50.000	51.773	-3.5	112	0.00
42 TM	1,2-Dichloroethane	50.000	50.229	-0.5	106	0.00
43 T	Isopropyl Acetate	50.000	60.039	-20.1#	127	0.00
44 TM	Trichloroethene	50.000	47.597	4.8	99	0.00
45 C	1,2-Dichloropropane	50.000	51.106	-2.2#	105	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.782	-3.6	108	0.00
47 T	Bromodichloromethane	50.000	50.862	-1.7	105	0.00
48 T	Methyl methacrylate	50.000	58.771	-17.5	122	0.00
49 T	1,4-Dioxane	1000.000	1008.151	-0.8	104	0.00
50 S	Toluene-d8	50.000	50.509	-1.0	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	308.094	-23.2#	129	0.00
52 CM	Toluene	50.000	48.794	2.4#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.073	-4.1	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.939	-1.9	105	0.00
55 T	1,1,2-Trichloroethane	50.000	53.139	-6.3	109	0.00
56 T	Ethyl methacrylate	50.000	58.238	-16.5	118	0.00
57 T	1,3-Dichloropropane	50.000	52.630	-5.3	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.659	-6.3	117	0.00
59 T	2-Hexanone	250.000	327.417	-31.0#	136	0.00
60 T	Dibromochloromethane	50.000	50.743	-1.5	105	0.00
61 T	1,2-Dibromoethane	50.000	52.253	-4.5	111	0.00
62 S	4-Bromofluorobenzene	50.000	53.711	-7.4	114	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	46.168	7.7	96	0.00
65 PM	Chlorobenzene	50.000	49.388	1.2	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.818	0.4	105	0.00
67 C	Ethyl Benzene	50.000	50.116	-0.2#	102	0.00
68 T	m/p-Xylenes	100.000	99.731	0.3	101	0.00
69 T	o-Xylene	50.000	50.142	-0.3	102	0.00
70 T	Styrene	50.000	52.102	-4.2	105	0.00
71 P	Bromoform	50.000	52.923	-5.8	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	49.307	1.4	104	0.00
74 T	N-amyl acetate	50.000	60.135	-20.3#	128	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.527	-13.1	123	0.00
76 T	1,2,3-Trichloropropane	50.000	58.962	-17.9	123	0.00
77 T	Bromobenzene	50.000	48.359	3.3	105	0.00
78 T	n-propylbenzene	50.000	50.994	-2.0	106	0.00
79 T	2-Chlorotoluene	50.000	50.059	-0.1	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.660	-1.3	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.719	-15.4	123	0.00
82 T	4-Chlorotoluene	50.000	50.369	-0.7	107	0.00
83 T	tert-Butylbenzene	50.000	50.797	-1.6	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.877	-1.8	105	0.00
85 T	sec-Butylbenzene	50.000	50.869	-1.7	107	0.00
86 T	p-Isopropyltoluene	50.000	51.531	-3.1	107	0.00
87 T	1,3-Dichlorobenzene	50.000	50.058	-0.1	107	0.00
88 T	1,4-Dichlorobenzene	50.000	50.012	-0.0	105	0.00
89 T	n-Butylbenzene	50.000	53.001	-6.0	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.937	4.1	104	0.00
91 T	1,2-Dichlorobenzene	50.000	51.110	-2.2	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.884	-23.8#	134	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.208	1.6	110	0.00
94 T	Hexachlorobutadiene	50.000	50.310	-0.6	108	0.00
95 T	Naphthalene	50.000	51.263	-2.5	122	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.980	-12.0	114	0.00

(#) = Out of Range

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