

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110718\
 Data File : VN052196.D
 Acq On : 7 Nov 2018 8:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 09:25:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 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	49.817	0.4	96	0.00
3 P	Chloromethane	50.000	47.988	4.0	93	0.00
4 C	Vinyl Chloride	50.000	50.072	-0.1#	98	0.00
5 T	Bromomethane	50.000	45.902	8.2	96	0.00
6 T	Chloroethane	50.000	50.403	-0.8	97	0.00
7 T	Trichlorofluoromethane	50.000	49.515	1.0	96	0.00
8 T	Diethyl Ether	50.000	49.814	0.4	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.664	-3.3	102	0.00
10 T	Methyl Iodide	50.000	48.175	3.7	93	0.00
11 T	Tert butyl alcohol	250.000	299.200	-19.7	131	0.00
12 CM	1,1-Dichloroethene	50.000	49.217	1.6#	96	0.00
13 T	Acrolein	250.000	208.389	16.6	81	0.00
14 T	Allyl chloride	50.000	53.587	-7.2	100	0.00
15 T	Acrylonitrile	250.000	271.999	-8.8	105	0.00
16 T	Acetone	250.000	279.746	-11.9	116	0.00
17 T	Carbon Disulfide	50.000	50.039	-0.1	97	0.00
18 T	Methyl Acetate	50.000	50.408	-0.8	110	0.00
19 T	Methyl tert-butyl Ether	50.000	52.046	-4.1	99	0.00
20 T	Methylene Chloride	50.000	48.136	3.7	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.874	0.3	96	0.00
22 T	Diisopropyl ether	50.000	52.219	-4.4	99	0.00
23 T	Vinyl Acetate	250.000	280.252	-12.1	102	0.00
24 P	1,1-Dichloroethane	50.000	51.106	-2.2	100	0.00
25 T	2-Butanone	250.000	275.265	-10.1	113	0.00
26 T	2,2-Dichloropropane	50.000	53.673	-7.3	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.299	-2.6	99	0.00
28 T	Bromochloromethane	50.000	53.284	-6.6	101	0.00
29 T	Tetrahydrofuran	250.000	286.679	-14.7	108	0.00
30 C	Chloroform	50.000	52.363	-4.7#	100	0.00
31 T	Cyclohexane	50.000	52.098	-4.2	99	0.00
32 T	1,1,1-Trichloroethane	50.000	51.384	-2.8	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.849	-3.7	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	52.523	-5.0	99	0.00
36 T	1,1-Dichloropropene	50.000	52.687	-5.4	98	0.00
37 T	Ethyl Acetate	50.000	54.521	-9.0	103	0.00
38 T	Carbon Tetrachloride	50.000	52.477	-5.0	97	0.00
39 T	Methylcyclohexane	50.000	56.319	-12.6	103	0.00
40 TM	Benzene	50.000	52.606	-5.2	98	0.00
41 T	Methacrylonitrile	50.000	56.386	-12.8	110	0.00
42 TM	1,2-Dichloroethane	50.000	52.744	-5.5	100	0.00
43 T	Isopropyl Acetate	50.000	55.024	-10.0	104	0.00
44 TM	Trichloroethene	50.000	53.027	-6.1	99	0.00
45 C	1,2-Dichloropropane	50.000	53.812	-7.6#	100	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	51.454	-2.9	99	0.00
47 T	Bromodichloromethane	50.000	54.742	-9.5	101	0.00
48 T	Methyl methacrylate	50.000	57.059	-14.1	106	0.00
49 T	1,4-Dioxane	1000.000	1268.538	-26.9#	124	0.00
50 S	Toluene-d8	50.000	53.323	-6.6	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.159	-17.7	110	0.00
52 CM	Toluene	50.000	55.691	-11.4#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	56.885	-13.8	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.324	-12.6	101	0.00
55 T	1,1,2-Trichloroethane	50.000	55.810	-11.6	102	0.00
56 T	Ethyl methacrylate	50.000	56.981	-14.0	104	0.00
57 T	1,3-Dichloropropane	50.000	54.693	-9.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	308.876	-23.6	110	0.00
59 T	2-Hexanone	250.000	300.769	-20.3	112	0.00
60 T	Dibromochloromethane	50.000	56.252	-12.5	100	0.00
61 T	1,2-Dibromoethane	50.000	56.667	-13.3	103	0.00
62 S	4-Bromofluorobenzene	50.000	55.978	-12.0	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	54.378	-8.8	102	0.00
65 PM	Chlorobenzene	50.000	52.333	-4.7	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.885	-7.8	99	0.00
67 C	Ethyl Benzene	50.000	53.549	-7.1#	100	0.00
68 T	m/p-Xylenes	100.000	106.888	-6.9	100	0.00
69 T	o-Xylene	50.000	53.141	-6.3	100	0.00
70 T	Styrene	50.000	54.836	-9.7	101	0.00
71 P	Bromoform	50.000	51.434	-2.9	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	51.729	-3.5	101	0.00
74 T	N-amyl acetate	50.000	54.133	-8.3	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.735	-5.5	105	0.00
76 T	1,2,3-Trichloropropane	50.000	42.394	15.2	85	0.00
77 T	Bromobenzene	50.000	51.679	-3.4	100	0.00
78 T	n-propylbenzene	50.000	53.095	-6.2	104	0.00
79 T	2-Chlorotoluene	50.000	50.211	-0.4	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.985	-4.0	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.798	-13.6	108	0.00
82 T	4-Chlorotoluene	50.000	51.261	-2.5	102	0.00
83 T	tert-Butylbenzene	50.000	51.633	-3.3	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.930	-3.9	101	0.00
85 T	sec-Butylbenzene	50.000	52.873	-5.7	105	0.00
86 T	p-Isopropyltoluene	50.000	53.955	-7.9	104	0.00
87 T	1,3-Dichlorobenzene	50.000	52.120	-4.2	103	0.00
88 T	1,4-Dichlorobenzene	50.000	51.600	-3.2	102	0.00
89 T	n-Butylbenzene	50.000	54.241	-8.5	107	0.00

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90 T	Hexachloroethane	50.000	54.000	-8.0	103	0.00
91 T	1,2-Dichlorobenzene	50.000	52.520	-5.0	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.762	-17.5	118	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.234	-0.5	106	0.00
94 T	Hexachlorobutadiene	50.000	52.192	-4.4	105	0.00
95 T	Naphthalene	50.000	53.761	-7.5	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.843	-1.7	107	0.00

(#) = Out of Range

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