

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092318\
 Data File : VN051401.D
 Acq On : 23 Sep 2018 9:38
 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 24 06:56:11 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	48.490	3.0	98	0.00
3 P	Chloromethane	50.000	50.155	-0.3	101	0.00
4 C	Vinyl Chloride	50.000	50.626	-1.3#	102	0.00
5 T	Bromomethane	50.000	51.248	-2.5	98	0.00
6 T	Chloroethane	50.000	51.199	-2.4	98	0.00
7 T	Trichlorofluoromethane	50.000	48.576	2.8	92	0.00
8 T	Diethyl Ether	50.000	45.930	8.1	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.530	10.9	75	0.00
10 T	Methyl Iodide	50.000	45.741	8.5	75	0.00
11 T	Tert butyl alcohol	250.000	223.275	10.7	76	0.00
12 CM	1,1-Dichloroethene	50.000	44.770	10.5#	77	0.00
13 T	Acrolein	250.000	181.948	27.2#	58	0.00
14 T	Allyl chloride	50.000	45.374	9.3	73	0.00
15 T	Acrylonitrile	250.000	232.831	6.9	76	0.00
16 T	Acetone	250.000	217.721	12.9	69	0.00
17 T	Carbon Disulfide	50.000	46.218	7.6	76	0.00
18 T	Methyl Acetate	50.000	45.464	9.1	73	0.00
19 T	Methyl tert-butyl Ether	50.000	49.124	1.8	85	0.00
20 T	Methylene Chloride	50.000	48.431	3.1	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.365	3.3	84	0.00
22 T	Diisopropyl ether	50.000	52.260	-4.5	99	0.00
23 T	Vinyl Acetate	250.000	247.852	0.9	94	0.00
24 P	1,1-Dichloroethane	50.000	50.107	-0.2	97	0.00
25 T	2-Butanone	250.000	223.024	10.8	88	0.00
26 T	2,2-Dichloropropane	50.000	33.055	33.9#	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.611	0.8	95	0.00
28 T	Bromochloromethane	50.000	49.635	0.7	94	0.00
29 T	Tetrahydrofuran	250.000	243.409	2.6	92	0.00
30 C	Chloroform	50.000	50.109	-0.2#	96	0.00
31 T	Cyclohexane	50.000	48.703	2.6	95	0.00
32 T	1,1,1-Trichloroethane	50.000	51.031	-2.1	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.173	-0.3	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	49.999	0.0	100	0.00
36 T	1,1-Dichloropropene	50.000	49.556	0.9	98	0.00
37 T	Ethyl Acetate	50.000	47.066	5.9	91	0.00
38 T	Carbon Tetrachloride	50.000	49.076	1.8	95	0.00
39 T	Methylcyclohexane	50.000	49.511	1.0	96	0.00
40 TM	Benzene	50.000	49.806	0.4	96	0.00
41 T	Methacrylonitrile	50.000	44.168	11.7	90	0.00
42 TM	1,2-Dichloroethane	50.000	49.594	0.8	98	0.00
43 T	Isopropyl Acetate	50.000	47.589	4.8	95	0.00
44 TM	Trichloroethene	50.000	49.378	1.2	97	0.00
45 C	1,2-Dichloropropane	50.000	49.498	1.0#	96	0.00

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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)
46 T	Dibromomethane	50.000	49.097	1.8	96	0.00
47 T	Bromodichloromethane	50.000	49.912	0.2	97	0.00
48 T	Methyl methacrylate	50.000	48.950	2.1	96	0.00
49 T	1,4-Dioxane	1000.000	979.093	2.1	95	0.00
50 S	Toluene-d8	50.000	50.401	-0.8	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.972	3.6	95	0.00
52 CM	Toluene	50.000	51.187	-2.4#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	46.377	7.2	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.864	6.3	92	0.00
55 T	1,1,2-Trichloroethane	50.000	49.433	1.1	96	0.00
56 T	Ethyl methacrylate	50.000	49.877	0.2	96	0.00
57 T	1,3-Dichloropropane	50.000	49.494	1.0	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.999	5.6	97	0.00
59 T	2-Hexanone	250.000	238.996	4.4	94	0.00
60 T	Dibromochloromethane	50.000	50.112	-0.2	98	0.00
61 T	1,2-Dibromoethane	50.000	49.201	1.6	98	0.00
62 S	4-Bromofluorobenzene	50.000	52.902	-5.8	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	50.382	-0.8	102	0.00
65 PM	Chlorobenzene	50.000	48.809	2.4	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.362	3.3	100	0.00
67 C	Ethyl Benzene	50.000	49.930	0.1#	100	0.00
68 T	m/p-Xylenes	100.000	101.048	-1.0	100	0.00
69 T	o-Xylene	50.000	50.736	-1.5	101	0.00
70 T	Styrene	50.000	51.896	-3.8	102	0.00
71 P	Bromoform	50.000	48.278	3.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	50.337	-0.7	102	0.00
74 T	N-amyl acetate	50.000	49.433	1.1	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.057	5.9	98	0.00
76 T	1,2,3-Trichloropropane	50.000	47.059	5.9	94	0.00
77 T	Bromobenzene	50.000	48.584	2.8	101	0.00
78 T	n-propylbenzene	50.000	51.133	-2.3	102	0.00
79 T	2-Chlorotoluene	50.000	50.281	-0.6	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.257	-2.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.499	17.0	85	0.00
82 T	4-Chlorotoluene	50.000	49.995	0.0	102	0.00
83 T	tert-Butylbenzene	50.000	50.911	-1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.536	-3.1	102	0.00
85 T	sec-Butylbenzene	50.000	51.468	-2.9	104	0.00
86 T	p-Isopropyltoluene	50.000	50.981	-2.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	49.364	1.3	101	0.00
88 T	1,4-Dichlorobenzene	50.000	48.899	2.2	99	0.00
89 T	n-Butylbenzene	50.000	50.026	-0.1	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.348	1.3	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.839	2.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.196	5.6	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.327	9.3	97	0.00
94 T	Hexachlorobutadiene	50.000	46.767	6.5	96	0.00
95 T	Naphthalene	50.000	42.433	15.1	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.295	1.4	96	0.00

(#) = Out of Range

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