

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120318\
 Data File : VN052643.D
 Acq On : 3 Dec 2018 20:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 04 01:34:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	45.607	8.8	87	0.00
3 P	Chloromethane	50.000	44.714	10.6	84	0.00
4 C	Vinyl Chloride	50.000	45.634	8.7#	86	0.00
5 T	Bromomethane	50.000	42.406	15.2	87	0.00
6 T	Chloroethane	50.000	46.231	7.5	88	0.00
7 T	Trichlorofluoromethane	50.000	48.267	3.5	91	0.00
8 T	Diethyl Ether	50.000	49.946	0.1	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.476	3.0	92	0.00
10 T	Methyl Iodide	50.000	56.051	-12.1	100	0.00
11 T	Tert butyl alcohol	250.000	271.556	-8.6	101	0.00
12 CM	1,1-Dichloroethene	50.000	48.343	3.3#	90	0.00
13 T	Acrolein	250.000	179.547	28.2#	68	0.00
14 T	Allyl chloride	50.000	48.361	3.3	87	0.00
15 T	Acrylonitrile	250.000	260.606	-4.2	94	0.00
16 T	Acetone	250.000	216.182	13.5	81	0.00
17 T	Carbon Disulfide	50.000	42.771	14.5	81	0.00
18 T	Methyl Acetate	50.000	53.644	-7.3	101	0.00
19 T	Methyl tert-butyl Ether	50.000	52.485	-5.0	97	0.00
20 T	Methylene Chloride	50.000	47.053	5.9	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.473	3.1	89	0.00
22 T	Diisopropyl ether	50.000	49.352	1.3	91	0.00
23 T	Vinyl Acetate	250.000	259.403	-3.8	94	0.00
24 P	1,1-Dichloroethane	50.000	48.821	2.4	90	0.00
25 T	2-Butanone	250.000	244.750	2.1	89	0.00
26 T	2,2-Dichloropropane	50.000	48.215	3.6	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.888	2.2	92	0.00
28 T	Bromochloromethane	50.000	49.679	0.6	92	0.00
29 T	Tetrahydrofuran	250.000	250.200	-0.1	92	0.00
30 C	Chloroform	50.000	48.482	3.0#	93	0.00
31 T	Cyclohexane	50.000	45.899	8.2	86	0.00
32 T	1,1,1-Trichloroethane	50.000	50.491	-1.0	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.369	1.3	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	51.010	-2.0	93	0.00
36 T	1,1-Dichloropropene	50.000	47.872	4.3	88	0.00
37 T	Ethyl Acetate	50.000	50.941	-1.9	96	0.00
38 T	Carbon Tetrachloride	50.000	50.329	-0.7	93	0.00
39 T	Methylcyclohexane	50.000	47.002	6.0	86	0.00
40 TM	Benzene	50.000	49.069	1.9	90	0.00
41 T	Methacrylonitrile	50.000	56.736	-13.5	99	0.00
42 TM	1,2-Dichloroethane	50.000	50.362	-0.7	93	0.00
43 T	Isopropyl Acetate	50.000	56.079	-12.2	104	0.00
44 TM	Trichloroethene	50.000	50.267	-0.5	93	0.00
45 C	1,2-Dichloropropane	50.000	49.560	0.9#	91	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	51.580	-3.2	94	0.00
47 T	Bromodichloromethane	50.000	51.108	-2.2	94	0.00
48 T	Methyl methacrylate	50.000	52.872	-5.7	97	0.00
49 T	1,4-Dioxane	1000.000	1167.600	-16.8	100	0.00
50 S	Toluene-d8	50.000	49.579	0.8	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	269.983	-8.0	97	0.00
52 CM	Toluene	50.000	50.812	-1.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	53.489	-7.0	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.387	-4.8	94	0.00
55 T	1,1,2-Trichloroethane	50.000	53.322	-6.6	98	0.00
56 T	Ethyl methacrylate	50.000	50.900	-1.8	101	0.00
57 T	1,3-Dichloropropane	50.000	51.452	-2.9	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.312	-6.1	95	0.00
59 T	2-Hexanone	250.000	266.240	-6.5	94	0.00
60 T	Dibromochloromethane	50.000	53.793	-7.6	97	0.00
61 T	1,2-Dibromoethane	50.000	53.429	-6.9	98	0.00
62 S	4-Bromofluorobenzene	50.000	51.492	-3.0	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	50.808	-1.6	97	0.00
65 PM	Chlorobenzene	50.000	50.708	-1.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.723	-3.4	95	0.00
67 C	Ethyl Benzene	50.000	50.720	-1.4#	93	0.00
68 T	m/p-Xylenes	100.000	102.676	-2.7	93	0.00
69 T	o-Xylene	50.000	51.600	-3.2	93	0.00
70 T	Styrene	50.000	53.312	-6.6	94	0.00
71 P	Bromoform	50.000	55.577	-11.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	49.456	1.1	94	0.00
74 T	N-amyl acetate	50.000	54.978	-10.0	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.944	-1.9	99	0.00
76 T	1,2,3-Trichloropropane	50.000	50.017	-0.0	99	0.00
77 T	Bromobenzene	50.000	50.021	-0.0	96	0.00
78 T	n-propylbenzene	50.000	49.473	1.1	92	0.00
79 T	2-Chlorotoluene	50.000	49.260	1.5	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.161	-0.3	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.057	-6.1	97	0.00
82 T	4-Chlorotoluene	50.000	48.784	2.4	92	0.00
83 T	tert-Butylbenzene	50.000	49.498	1.0	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.476	-1.0	94	0.00
85 T	sec-Butylbenzene	50.000	49.412	1.2	93	0.00
86 T	p-Isopropyltoluene	50.000	50.104	-0.2	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.302	-0.6	96	0.00
88 T	1,4-Dichlorobenzene	50.000	49.869	0.3	94	0.00
89 T	n-Butylbenzene	50.000	50.281	-0.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.920	0.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.328	-2.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.255	-6.5	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.863	4.3	95	0.00
94 T	Hexachlorobutadiene	50.000	47.507	5.0	94	0.00
95 T	Naphthalene	50.000	48.734	2.5	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.429	3.1	97	0.00

(#) = Out of Range

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