

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121319\
 Data File : VN059594.D
 Acq On : 13 Dec 2019 19:18
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Quant Time: Dec 13 23:30:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	47.212	5.6	108	0.00
3 P	Chloromethane	50.000	46.607	6.8	104	0.00
4 C	Vinyl Chloride	50.000	48.082	3.8#	108	0.00
5 T	Bromomethane	50.000	48.292	3.4	107	0.00
6 T	Chloroethane	50.000	46.230	7.5	104	0.00
7 T	Trichlorofluoromethane	50.000	49.833	0.3	105	0.00
8 T	Diethyl Ether	50.000	49.955	0.1	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.296	3.4	108	0.00
10 T	Methyl Iodide	50.000	50.465	-0.9	108	0.00
11 T	Tert butyl alcohol	250.000	212.674	14.9	97	0.00
12 CM	1,1-Dichloroethene	50.000	47.306	5.4#	105	0.00
13 T	Acrolein	250.000	233.830	6.5	96	0.00
14 T	Allyl chloride	50.000	46.519	7.0	106	0.00
15 T	Acrylonitrile	250.000	250.164	-0.1	108	0.00
16 T	Acetone	250.000	217.323	13.1	96	0.00
17 T	Carbon Disulfide	50.000	43.507	13.0	106	0.00
18 T	Methyl Acetate	50.000	47.131	5.7	108	0.00
19 T	Methyl tert-butyl Ether	50.000	49.191	1.6	107	0.00
20 T	Methylene Chloride	50.000	47.013	6.0	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.722	4.6	107	0.00
22 T	Diisopropyl ether	50.000	49.851	0.3	107	0.00
23 T	Vinyl Acetate	250.000	247.544	1.0	101	0.00
24 P	1,1-Dichloroethane	50.000	49.167	1.7	107	0.00
25 T	2-Butanone	250.000	240.355	3.9	104	0.00
26 T	2,2-Dichloropropane	50.000	48.488	3.0	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.691	0.6	107	0.00
28 T	Bromochloromethane	50.000	40.611	18.8	88	0.00
29 T	Tetrahydrofuran	250.000	242.837	2.9	107	0.00
30 C	Chloroform	50.000	48.986	2.0#	107	0.00
31 T	Cyclohexane	50.000	47.477	5.0	108	0.00
32 T	1,1,1-Trichloroethane	50.000	48.747	2.5	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.662	4.7	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	47.270	5.5	102	0.00
36 T	1,1-Dichloropropene	50.000	50.602	-1.2	110	0.00
37 T	Ethyl Acetate	50.000	49.478	1.0	110	0.00
38 T	Carbon Tetrachloride	50.000	49.486	1.0	109	0.00
39 T	Methylcyclohexane	50.000	51.491	-3.0	109	0.00
40 TM	Benzene	50.000	49.578	0.8	107	0.00
41 T	Methacrylonitrile	50.000	53.647	-7.3	113	0.00
42 TM	1,2-Dichloroethane	50.000	49.273	1.5	105	0.00
43 T	Isopropyl Acetate	50.000	50.898	-1.8	109	0.00
44 TM	Trichloroethene	50.000	49.340	1.3	109	0.00
45 C	1,2-Dichloropropane	50.000	49.951	0.1#	109	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	48.872	2.3	107	0.00
47 T	Bromodichloromethane	50.000	50.358	-0.7	108	0.00
48 T	Methyl methacrylate	50.000	50.223	-0.4	107	0.00
49 T	1,4-Dioxane	1000.000	853.065	14.7	84	0.00
50 S	Toluene-d8	50.000	48.598	2.8	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.213	-5.3	107	0.00
52 CM	Toluene	50.000	49.755	0.5#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	50.210	-0.4	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.028	-0.1	106	0.00
55 T	1,1,2-Trichloroethane	50.000	49.909	0.2	107	0.00
56 T	Ethyl methacrylate	50.000	53.307	-6.6	107	0.00
57 T	1,3-Dichloropropane	50.000	50.146	-0.3	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	198.506	20.6	67	0.00
59 T	2-Hexanone	250.000	264.261	-5.7	106	0.00
60 T	Dibromochloromethane	50.000	50.795	-1.6	107	0.00
61 T	1,2-Dibromoethane	50.000	50.351	-0.7	109	0.00
62 S	4-Bromofluorobenzene	50.000	48.608	2.8	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	51.916	-3.8	120	0.00
65 PM	Chlorobenzene	50.000	49.218	1.6	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.148	1.7	107	0.00
67 C	Ethyl Benzene	50.000	50.492	-1.0#	108	0.00
68 T	m/p-Xylenes	100.000	101.694	-1.7	109	0.00
69 T	o-Xylene	50.000	51.077	-2.2	109	0.00
70 T	Styrene	50.000	51.649	-3.3	107	0.00
71 P	Bromoform	50.000	51.776	-3.6	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	49.546	0.9	108	0.00
74 T	N-amyl acetate	50.000	51.010	-2.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.114	3.8	105	0.00
76 T	1,2,3-Trichloropropane	50.000	48.462	3.1	108	0.00
77 T	Bromobenzene	50.000	47.320	5.4	107	0.00
78 T	n-propylbenzene	50.000	50.209	-0.4	109	0.00
79 T	2-Chlorotoluene	50.000	48.742	2.5	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.136	-0.3	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.323	3.4	107	0.00
82 T	4-Chlorotoluene	50.000	49.610	0.8	109	0.00
83 T	tert-Butylbenzene	50.000	49.389	1.2	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.756	-1.5	109	0.00
85 T	sec-Butylbenzene	50.000	51.006	-2.0	110	0.00
86 T	p-Isopropyltoluene	50.000	51.338	-2.7	111	0.00
87 T	1,3-Dichlorobenzene	50.000	47.795	4.4	108	0.00
88 T	1,4-Dichlorobenzene	50.000	46.839	6.3	108	0.00
89 T	n-Butylbenzene	50.000	50.496	-1.0	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.104	-0.2	109	0.00
91 T	1,2-Dichlorobenzene	50.000	47.507	5.0	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.342	13.3	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.272	9.5	107	0.00
94 T	Hexachlorobutadiene	50.000	44.263	11.5	110	0.00
95 T	Naphthalene	50.000	44.670	10.7	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	42.731	14.5	106	0.00

(#) = Out of Range

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