

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN012220\
 Data File : VN059831.D
 Acq On : 22 Jan 2020 16:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 22 18:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	48.946	2.1	102	0.00
3 P	Chloromethane	50.000	45.706	8.6	96	0.00
4 C	Vinyl Chloride	50.000	50.855	-1.7#	100	0.00
5 T	Bromomethane	50.000	55.528	-11.1	115	0.00
6 T	Chloroethane	50.000	51.532	-3.1	108	0.00
7 T	Trichlorofluoromethane	50.000	52.261	-4.5	108	0.00
8 T	Diethyl Ether	50.000	52.417	-4.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.867	-9.7	113	0.00
10 T	Methyl Iodide	50.000	51.102	-2.2	106	0.00
11 T	Tert butyl alcohol	250.000	224.162	10.3	93	0.00
12 CM	1,1-Dichloroethene	50.000	50.730	-1.5#	107	0.00
13 T	Acrolein	250.000	276.186	-10.5	121	0.00
14 T	Allyl chloride	50.000	50.377	-0.8	104	0.00
15 T	Acrylonitrile	250.000	244.497	2.2	98	0.00
16 T	Acetone	250.000	222.367	11.1	91	0.00
17 T	Carbon Disulfide	50.000	46.716	6.6	98	0.00
18 T	Methyl Acetate	50.000	48.531	2.9	102	0.00
19 T	Methyl tert-butyl Ether	50.000	51.868	-3.7	109	0.00
20 T	Methylene Chloride	50.000	51.874	-3.7	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.453	-0.9	106	0.00
22 T	Diisopropyl ether	50.000	51.272	-2.5	107	0.00
23 T	Vinyl Acetate	250.000	249.379	0.2	110	0.00
24 P	1,1-Dichloroethane	50.000	51.735	-3.5	109	0.00
25 T	2-Butanone	250.000	212.835	14.9	92	0.00
26 T	2,2-Dichloropropane	50.000	51.926	-3.9	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.968	-3.9	109	0.00
28 T	Bromochloromethane	50.000	49.571	0.9	106	0.00
29 T	Tetrahydrofuran	250.000	225.197	9.9	95	0.00
30 C	Chloroform	50.000	53.177	-6.4#	111	0.00
31 T	Cyclohexane	50.000	45.781	8.4	100	0.00
32 T	1,1,1-Trichloroethane	50.000	52.532	-5.1	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.316	1.4	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	51.488	-3.0	105	0.00
36 T	1,1-Dichloropropene	50.000	51.656	-3.3	107	0.00
37 T	Ethyl Acetate	50.000	46.148	7.7	100	0.00
38 T	Carbon Tetrachloride	50.000	53.185	-6.4	112	0.00
39 T	Methylcyclohexane	50.000	50.536	-1.1	105	0.00
40 TM	Benzene	50.000	51.331	-2.7	109	0.00
41 T	Methacrylonitrile	50.000	44.495	11.0	94	0.00
42 TM	1,2-Dichloroethane	50.000	53.015	-6.0	111	0.00
43 T	Isopropyl Acetate	50.000	47.821	4.4	100	0.00
44 TM	Trichloroethene	50.000	55.089	-10.2	112	0.00
45 C	1,2-Dichloropropane	50.000	52.638	-5.3#	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.879	-5.8	109	0.00
47 T	Bromodichloromethane	50.000	54.512	-9.0	113	0.00
48 T	Methyl methacrylate	50.000	46.619	6.8	97	0.00
49 T	1,4-Dioxane	1000.000	1026.463	-2.6	101	0.00
50 S	Toluene-d8	50.000	50.541	-1.1	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.251	7.1	97	0.00
52 CM	Toluene	50.000	52.977	-6.0#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	54.112	-8.2	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.575	-9.2	110	0.00
55 T	1,1,2-Trichloroethane	50.000	53.418	-6.8	113	0.00
56 T	Ethyl methacrylate	50.000	49.800	0.4	102	0.00
57 T	1,3-Dichloropropane	50.000	53.847	-7.7	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.053	-11.6	104	0.00
59 T	2-Hexanone	250.000	225.481	9.8	89	0.00
60 T	Dibromochloromethane	50.000	54.898	-9.8	112	0.00
61 T	1,2-Dibromoethane	50.000	53.722	-7.4	110	0.00
62 S	4-Bromofluorobenzene	50.000	51.040	-2.1	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	54.073	-8.1	106	0.00
65 PM	Chlorobenzene	50.000	53.208	-6.4	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.500	-7.0	114	0.00
67 C	Ethyl Benzene	50.000	52.652	-5.3#	112	0.00
68 T	m/p-Xylenes	100.000	106.527	-6.5	112	0.00
69 T	o-Xylene	50.000	52.148	-4.3	111	0.00
70 T	Styrene	50.000	52.350	-4.7	108	0.00
71 P	Bromoform	50.000	54.586	-9.2	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	52.136	-4.3	112	0.00
74 T	N-amyl acetate	50.000	45.517	9.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.289	3.4	104	0.00
76 T	1,2,3-Trichloropropane	50.000	55.694	-11.4	116	0.00
77 T	Bromobenzene	50.000	52.885	-5.8	113	0.00
78 T	n-propylbenzene	50.000	52.596	-5.2	112	0.00
79 T	2-Chlorotoluene	50.000	51.185	-2.4	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.007	-4.0	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.699	0.6	104	0.00
82 T	4-Chlorotoluene	50.000	52.768	-5.5	112	0.00
83 T	tert-Butylbenzene	50.000	52.020	-4.0	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.217	-6.4	114	0.00
85 T	sec-Butylbenzene	50.000	52.438	-4.9	111	0.00
86 T	p-Isopropyltoluene	50.000	52.686	-5.4	113	0.00
87 T	1,3-Dichlorobenzene	50.000	53.607	-7.2	114	0.00
88 T	1,4-Dichlorobenzene	50.000	52.906	-5.8	113	0.00
89 T	n-Butylbenzene	50.000	52.977	-6.0	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.750	-5.5	112	0.00
91 T	1,2-Dichlorobenzene	50.000	52.060	-4.1	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.448	9.1	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.418	-4.8	104	0.00
94 T	Hexachlorobutadiene	50.000	51.519	-3.0	110	0.00
95 T	Naphthalene	50.000	46.955	6.1	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.430	-0.9	102	0.00

(#) = Out of Range

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