

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052119\
 Data File : VN055721.D
 Acq On : 21 May 2019 19:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 06:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 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	113	0.00
2 T	Dichlorodifluoromethane	50.000	42.120	15.8	102	0.00
3 P	Chloromethane	50.000	39.803	20.4	96	0.00
4 C	Vinyl Chloride	50.000	41.061	17.9#	99	0.00
5 T	Bromomethane	50.000	42.675	14.7	101	-0.03
6 T	Chloroethane	50.000	45.097	9.8	104	-0.02
7 T	Trichlorofluoromethane	50.000	45.471	9.1	106	0.00
8 T	Diethyl Ether	50.000	46.968	6.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.718	6.6	109	0.00
10 T	Methyl Iodide	50.000	50.249	-0.5	112	0.00
11 T	Tert butyl alcohol	250.000	241.042	3.6	108	0.00
12 CM	1,1-Dichloroethene	50.000	44.254	11.5#	105	0.00
13 T	Acrolein	250.000	199.516	20.2	94	0.00
14 T	Allyl chloride	50.000	42.833	14.3	97	0.00
15 T	Acrylonitrile	250.000	238.967	4.4	108	0.00
16 T	Acetone	250.000	195.646	21.7	90	0.00
17 T	Carbon Disulfide	50.000	39.077	21.8	93	0.00
18 T	Methyl Acetate	50.000	47.318	5.4	109	0.00
19 T	Methyl tert-butyl Ether	50.000	46.590	6.8	108	0.00
20 T	Methylene Chloride	50.000	45.400	9.2	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.849	10.3	105	0.00
22 T	Diisopropyl ether	50.000	44.446	11.1	104	0.00
23 T	Vinyl Acetate	250.000	222.456	11.0	101	0.00
24 P	1,1-Dichloroethane	50.000	44.692	10.6	102	0.00
25 T	2-Butanone	250.000	226.390	9.4	102	0.00
26 T	2,2-Dichloropropane	50.000	40.346	19.3	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.778	6.4	110	0.00
28 T	Bromochloromethane	50.000	40.706	18.6	90	0.00
29 T	Tetrahydrofuran	250.000	222.143	11.1	103	0.00
30 C	Chloroform	50.000	46.110	7.8#	109	0.00
31 T	Cyclohexane	50.000	40.516	19.0	98	0.00
32 T	1,1,1-Trichloroethane	50.000	45.941	8.1	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.453	15.1	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	51.228	-2.5	105	0.00
36 T	1,1-Dichloropropene	50.000	46.156	7.7	99	0.00
37 T	Ethyl Acetate	50.000	50.792	-1.6	101	0.00
38 T	Carbon Tetrachloride	50.000	49.873	0.3	110	0.00
39 T	Methylcyclohexane	50.000	47.431	5.1	102	0.00
40 TM	Benzene	50.000	50.350	-0.7	107	0.00
41 T	Methacrylonitrile	50.000	61.533	-23.1	116	0.00
42 TM	1,2-Dichloroethane	50.000	49.671	0.7	104	0.00
43 T	Isopropyl Acetate	50.000	56.945	-13.9	120	0.00
44 TM	Trichloroethene	50.000	54.422	-8.8	115	0.00
45 C	1,2-Dichloropropane	50.000	49.058	1.9#	104	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	51.912	-3.8	109	0.00
47 T	Bromodichloromethane	50.000	50.479	-1.0	108	0.00
48 T	Methyl methacrylate	50.000	50.506	-1.0	101	0.00
49 T	1,4-Dioxane	1000.000	1182.121	-18.2	114	0.00
50 S	Toluene-d8	50.000	49.527	0.9	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.636	0.1	106	0.00
52 CM	Toluene	50.000	51.992	-4.0#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	50.297	-0.6	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.389	1.2	102	0.00
55 T	1,1,2-Trichloroethane	50.000	52.838	-5.7	114	0.00
56 T	Ethyl methacrylate	50.000	50.547	-1.1	108	0.00
57 T	1,3-Dichloropropane	50.000	51.948	-3.9	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	205.252	17.9	84	0.00
59 T	2-Hexanone	250.000	249.606	0.2	102	0.00
60 T	Dibromochloromethane	50.000	56.948	-13.9	119	0.00
61 T	1,2-Dibromoethane	50.000	55.204	-10.4	115	0.00
62 S	4-Bromofluorobenzene	50.000	49.710	0.6	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	57.139	-14.3	123	0.00
65 PM	Chlorobenzene	50.000	53.258	-6.5	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.475	-9.0	119	0.00
67 C	Ethyl Benzene	50.000	50.872	-1.7#	110	0.00
68 T	m/p-Xylenes	100.000	104.615	-4.6	113	0.00
69 T	o-Xylene	50.000	53.109	-6.2	116	0.00
70 T	Styrene	50.000	53.977	-8.0	113	0.00
71 P	Bromoform	50.000	58.885	-17.8	123	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	55.461	-10.9	115	0.00
74 T	N-amyl acetate	50.000	47.348	5.3	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.275	-6.5	111	0.00
76 T	1,2,3-Trichloropropane	50.000	46.026	7.9	109	0.00
77 T	Bromobenzene	50.000	53.402	-6.8	123	0.00
78 T	n-propylbenzene	50.000	46.190	7.6	108	0.00
79 T	2-Chlorotoluene	50.000	52.673	-5.3	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.725	-9.5	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.472	9.1	100	0.00
82 T	4-Chlorotoluene	50.000	46.511	7.0	107	0.00
83 T	tert-Butylbenzene	50.000	57.836	-15.7	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.080	-10.2	115	0.00
85 T	sec-Butylbenzene	50.000	54.747	-9.5	113	0.00
86 T	p-Isopropyltoluene	50.000	55.084	-10.2	114	0.00
87 T	1,3-Dichlorobenzene	50.000	51.501	-3.0	114	0.00
88 T	1,4-Dichlorobenzene	50.000	51.857	-3.7	112	0.00
89 T	n-Butylbenzene	50.000	46.830	6.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	56.650	-13.3	116	0.00
91 T	1,2-Dichlorobenzene	50.000	51.360	-2.7	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.568	8.9	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.642	-7.3	105	0.00
94 T	Hexachlorobutadiene	50.000	65.037	-30.1#	129	0.00
95 T	Naphthalene	50.000	46.856	6.3	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.287	-4.6	108	0.00

(#) = Out of Range

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