

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052819\
 Data File : VN055862.D
 Acq On : 28 May 2019 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 29 06:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	43.326	13.3	96	0.00
3 P	Chloromethane	50.000	43.583	12.8	94	0.00
4 C	Vinyl Chloride	50.000	43.840	12.3#	95	0.00
5 T	Bromomethane	50.000	47.894	4.2	96	0.00
6 T	Chloroethane	50.000	46.299	7.4	97	0.00
7 T	Trichlorofluoromethane	50.000	46.087	7.8	99	0.00
8 T	Diethyl Ether	50.000	45.880	8.2	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.564	6.9	101	0.00
10 T	Methyl Iodide	50.000	51.524	-3.0	104	0.00
11 T	Tert butyl alcohol	250.000	233.168	6.7	94	0.00
12 CM	1,1-Dichloroethene	50.000	45.716	8.6#	98	0.00
13 T	Acrolein	250.000	208.591	16.6	91	0.00
14 T	Allyl chloride	50.000	43.600	12.8	94	0.00
15 T	Acrylonitrile	250.000	241.037	3.6	102	0.00
16 T	Acetone	250.000	205.268	17.9	87	0.00
17 T	Carbon Disulfide	50.000	40.003	20.0	88	0.00
18 T	Methyl Acetate	50.000	50.102	-0.2	103	0.00
19 T	Methyl tert-butyl Ether	50.000	47.124	5.8	101	0.00
20 T	Methylene Chloride	50.000	46.508	7.0	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.831	8.3	99	0.00
22 T	Diisopropyl ether	50.000	46.979	6.0	100	0.00
23 T	Vinyl Acetate	250.000	233.386	6.6	98	0.00
24 P	1,1-Dichloroethane	50.000	45.996	8.0	100	0.00
25 T	2-Butanone	250.000	231.414	7.4	98	0.00
26 T	2,2-Dichloropropane	50.000	40.792	18.4	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.457	5.1	101	0.00
28 T	Bromochloromethane	50.000	47.357	5.3	99	0.00
29 T	Tetrahydrofuran	250.000	239.363	4.3	101	0.00
30 C	Chloroform	50.000	47.569	4.9#	102	0.00
31 T	Cyclohexane	50.000	44.194	11.6	96	0.00
32 T	1,1,1-Trichloroethane	50.000	46.402	7.2	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.147	3.7	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.598	-1.2	102	0.00
36 T	1,1-Dichloropropene	50.000	46.291	7.4	98	0.00
37 T	Ethyl Acetate	50.000	49.738	0.5	101	0.00
38 T	Carbon Tetrachloride	50.000	46.951	6.1	98	0.00
39 T	Methylcyclohexane	50.000	47.205	5.6	100	0.00
40 TM	Benzene	50.000	49.071	1.9	102	0.00
41 T	Methacrylonitrile	50.000	50.725	-1.5	107	0.00
42 TM	1,2-Dichloroethane	50.000	48.074	3.9	100	0.00
43 T	Isopropyl Acetate	50.000	48.113	3.8	100	0.00
44 TM	Trichloroethene	50.000	51.144	-2.3	105	0.00
45 C	1,2-Dichloropropane	50.000	49.027	1.9#	101	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	49.409	1.2	100	0.00
47 T	Bromodichloromethane	50.000	47.559	4.9	98	0.00
48 T	Methyl methacrylate	50.000	49.976	0.0	101	0.00
49 T	1,4-Dioxane	1000.000	1005.143	-0.5	103	0.00
50 S	Toluene-d8	50.000	50.200	-0.4	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.593	-0.2	101	0.00
52 CM	Toluene	50.000	49.222	1.6#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	47.469	5.1	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.192	3.6	97	0.00
55 T	1,1,2-Trichloroethane	50.000	50.342	-0.7	103	0.00
56 T	Ethyl methacrylate	50.000	50.101	-0.2	100	0.00
57 T	1,3-Dichloropropane	50.000	49.730	0.5	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.882	4.4	94	0.00
59 T	2-Hexanone	250.000	242.940	2.8	96	0.00
60 T	Dibromochloromethane	50.000	48.618	2.8	98	0.00
61 T	1,2-Dibromoethane	50.000	50.167	-0.3	102	0.00
62 S	4-Bromofluorobenzene	50.000	49.625	0.8	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	49.442	1.1	106	0.00
65 PM	Chlorobenzene	50.000	49.955	0.1	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.106	3.8	102	0.00
67 C	Ethyl Benzene	50.000	48.479	3.0#	101	0.00
68 T	m/p-Xylenes	100.000	98.774	1.2	103	0.00
69 T	o-Xylene	50.000	49.160	1.7	103	0.00
70 T	Styrene	50.000	50.640	-1.3	101	0.00
71 P	Bromoform	50.000	47.044	5.9	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	53.421	-6.8	103	0.00
74 T	N-amyl acetate	50.000	49.340	1.3	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.978	-6.0	99	0.00
76 T	1,2,3-Trichloropropane	50.000	53.852	-7.7	101	0.00
77 T	Bromobenzene	50.000	48.879	2.2	105	0.00
78 T	n-propylbenzene	50.000	46.430	7.1	101	0.00
79 T	2-Chlorotoluene	50.000	52.098	-4.2	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.936	-3.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.640	14.7	88	0.00
82 T	4-Chlorotoluene	50.000	46.474	7.1	99	0.00
83 T	tert-Butylbenzene	50.000	53.461	-6.9	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.448	-2.9	99	0.00
85 T	sec-Butylbenzene	50.000	52.700	-5.4	101	0.00
86 T	p-Isopropyltoluene	50.000	46.499	7.0	100	0.00
87 T	1,3-Dichlorobenzene	50.000	48.130	3.7	99	0.00
88 T	1,4-Dichlorobenzene	50.000	48.517	3.0	99	0.00
89 T	n-Butylbenzene	50.000	46.729	6.5	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	43.540	12.9	94	0.00
91 T	1,2-Dichlorobenzene	50.000	47.609	4.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.999	14.0	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.780	8.4	101	0.00
94 T	Hexachlorobutadiene	50.000	51.510	-3.0	102	0.00
95 T	Naphthalene	50.000	51.479	-3.0	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.491	-3.0	102	0.00

(#) = Out of Range

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