

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN031819\
 Data File : VN054380.D
 Acq On : 18 Mar 2019 8:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 05:32:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	48.632	2.7	79	0.00
3 P	Chloromethane	50.000	44.880	10.2	80	0.00
4 C	Vinyl Chloride	50.000	45.152	9.7#	79	0.00
5 T	Bromomethane	50.000	42.302	15.4	79	0.00
6 T	Chloroethane	50.000	44.960	10.1	82	0.00
7 T	Trichlorofluoromethane	50.000	45.096	9.8	82	0.00
8 T	Diethyl Ether	50.000	49.261	1.5	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.553	-1.1	84	0.00
10 T	Methyl Iodide	50.000	52.901	-5.8	91	0.00
11 T	Tert butyl alcohol	250.000	208.656	16.5	72	0.00
12 CM	1,1-Dichloroethene	50.000	48.032	3.9#	80	0.00
13 T	Acrolein	250.000	189.323	24.3	63	0.00
14 T	Allyl chloride	50.000	48.585	2.8	80	0.00
15 T	Acrylonitrile	250.000	257.259	-2.9	85	0.00
16 T	Acetone	250.000	267.236	-6.9	90	0.00
17 T	Carbon Disulfide	50.000	43.422	13.2	70	0.00
18 T	Methyl Acetate	50.000	58.771	-17.5	94	0.00
19 T	Methyl tert-butyl Ether	50.000	49.548	0.9	83	0.00
20 T	Methylene Chloride	50.000	49.363	1.3	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.955	4.1	81	0.00
22 T	Diisopropyl ether	50.000	51.799	-3.6	86	0.00
23 T	Vinyl Acetate	250.000	248.654	0.5	80	0.00
24 P	1,1-Dichloroethane	50.000	49.483	1.0	83	0.00
25 T	2-Butanone	250.000	276.434	-10.6	89	0.00
26 T	2,2-Dichloropropane	50.000	45.834	8.3	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.316	-0.6	83	0.00
28 T	Bromochloromethane	50.000	50.377	-0.8	85	0.00
29 T	Tetrahydrofuran	250.000	251.170	-0.5	83	0.00
30 C	Chloroform	50.000	50.924	-1.8#	85	0.00
31 T	Cyclohexane	50.000	47.375	5.3	81	0.00
32 T	1,1,1-Trichloroethane	50.000	48.521	3.0	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.996	4.0	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	51.330	-2.7	85	0.00
36 T	1,1-Dichloropropene	50.000	51.986	-4.0	84	0.00
37 T	Ethyl Acetate	50.000	52.162	-4.3	83	0.00
38 T	Carbon Tetrachloride	50.000	49.174	1.7	78	0.00
39 T	Methylcyclohexane	50.000	48.548	2.9	77	0.00
40 TM	Benzene	50.000	52.872	-5.7	84	0.00
41 T	Methacrylonitrile	50.000	49.243	1.5	80	0.00
42 TM	1,2-Dichloroethane	50.000	51.048	-2.1	82	0.00
43 T	Isopropyl Acetate	50.000	50.166	-0.3	79	0.00
44 TM	Trichloroethene	50.000	51.704	-3.4	83	0.00
45 C	1,2-Dichloropropane	50.000	54.151	-8.3#	86	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	52.092	-4.2	84	0.00
47 T	Bromodichloromethane	50.000	53.793	-7.6	84	0.00
48 T	Methyl methacrylate	50.000	53.279	-6.6	81	0.00
49 T	1,4-Dioxane	1000.000	971.192	2.9	78	0.00
50 S	Toluene-d8	50.000	50.763	-1.5	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.590	-9.0	84	0.00
52 CM	Toluene	50.000	53.367	-6.7#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	45.863	8.3	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.001	-6.0	82	0.00
55 T	1,1,2-Trichloroethane	50.000	54.056	-8.1	86	0.00
56 T	Ethyl methacrylate	50.000	53.822	-7.6	84	0.00
57 T	1,3-Dichloropropane	50.000	53.673	-7.3	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.044	1.6	89	0.00
59 T	2-Hexanone	250.000	273.589	-9.4	86	0.00
60 T	Dibromochloromethane	50.000	53.659	-7.3	82	0.00
61 T	1,2-Dibromoethane	50.000	53.648	-7.3	85	0.00
62 S	4-Bromofluorobenzene	50.000	50.402	-0.8	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	50.251	-0.5	83	0.00
65 PM	Chlorobenzene	50.000	52.326	-4.7	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.131	-6.3	83	0.00
67 C	Ethyl Benzene	50.000	52.133	-4.3#	85	0.00
68 T	m/p-Xylenes	100.000	106.104	-6.1	86	0.00
69 T	o-Xylene	50.000	52.752	-5.5	85	0.00
70 T	Styrene	50.000	53.699	-7.4	85	0.00
71 P	Bromoform	50.000	45.669	8.7	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	50.740	-1.5	84	0.00
74 T	N-amyl acetate	50.000	52.383	-4.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.991	-6.0	87	0.00
76 T	1,2,3-Trichloropropane	50.000	50.385	-0.8	82	0.00
77 T	Bromobenzene	50.000	50.989	-2.0	84	0.00
78 T	n-propylbenzene	50.000	51.821	-3.6	84	0.00
79 T	2-Chlorotoluene	50.000	51.150	-2.3	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.878	0.2	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.603	6.8	72	0.00
82 T	4-Chlorotoluene	50.000	52.183	-4.4	85	0.00
83 T	tert-Butylbenzene	50.000	47.900	4.2	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.418	-2.8	83	0.00
85 T	sec-Butylbenzene	50.000	47.888	4.2	79	0.00
86 T	p-Isopropyltoluene	50.000	48.747	2.5	79	0.00
87 T	1,3-Dichlorobenzene	50.000	52.379	-4.8	84	0.00
88 T	1,4-Dichlorobenzene	50.000	52.067	-4.1	84	0.00
89 T	n-Butylbenzene	50.000	50.176	-0.4	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.313	7.4	73	0.00
91 T	1,2-Dichlorobenzene	50.000	52.035	-4.1	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.552	-1.1	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.108	11.8	75	0.00
94 T	Hexachlorobutadiene	50.000	40.622	18.8	70	0.00
95 T	Naphthalene	50.000	43.604	12.8	77	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.089	3.8	72	0.00

(#) = Out of Range

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