

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN021519\
 Data File : VN053790.D
 Acq On : 15 Feb 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 15 23:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	43.040	13.9	80	0.00
3 P	Chloromethane	50.000	45.278	9.4	84	0.00
4 C	Vinyl Chloride	50.000	48.832	2.3#	90	0.00
5 T	Bromomethane	50.000	50.079	-0.2	95	0.00
6 T	Chloroethane	50.000	51.801	-3.6	97	0.00
7 T	Trichlorofluoromethane	50.000	50.041	-0.1	94	0.00
8 T	Diethyl Ether	50.000	47.916	4.2	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.597	-1.2	96	0.00
10 T	Methyl Iodide	50.000	42.206	15.6	79	0.00
11 T	Tert butyl alcohol	250.000	247.116	1.2	94	0.00
12 CM	1,1-Dichloroethene	50.000	46.915	6.2#	88	0.00
13 T	Acrolein	250.000	143.521	42.6#	67	0.00
14 T	Allyl chloride	50.000	45.222	9.6	84	0.00
15 T	Acrylonitrile	250.000	240.697	3.7	89	0.00
16 T	Acetone	250.000	285.354	-14.1	114	0.00
17 T	Carbon Disulfide	50.000	39.541	20.9	75	0.00
18 T	Methyl Acetate	50.000	52.139	-4.3	102	0.00
19 T	Methyl tert-butyl Ether	50.000	48.663	2.7	89	0.00
20 T	Methylene Chloride	50.000	44.556	10.9	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.601	10.8	84	0.00
22 T	Diisopropyl ether	50.000	48.357	3.3	88	0.00
23 T	Vinyl Acetate	250.000	234.515	6.2	83	0.00
24 P	1,1-Dichloroethane	50.000	46.285	7.4	88	0.00
25 T	2-Butanone	250.000	247.560	1.0	92	0.00
26 T	2,2-Dichloropropane	50.000	47.743	4.5	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.785	6.4	87	0.00
28 T	Bromochloromethane	50.000	41.945	16.1	79	0.00
29 T	Tetrahydrofuran	250.000	237.718	4.9	86	0.00
30 C	Chloroform	50.000	47.631	4.7#	92	0.00
31 T	Cyclohexane	50.000	43.498	13.0	83	0.00
32 T	1,1,1-Trichloroethane	50.000	47.147	5.7	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.198	5.6	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	51.235	-2.5	92	0.00
36 T	1,1-Dichloropropene	50.000	48.254	3.5	86	0.00
37 T	Ethyl Acetate	50.000	50.298	-0.6	83	0.00
38 T	Carbon Tetrachloride	50.000	49.377	1.2	89	0.00
39 T	Methylcyclohexane	50.000	51.971	-3.9	90	0.00
40 TM	Benzene	50.000	48.090	3.8	86	0.00
41 T	Methacrylonitrile	50.000	42.859	14.3	77	0.00
42 TM	1,2-Dichloroethane	50.000	48.188	3.6	88	0.00
43 T	Isopropyl Acetate	50.000	45.151	9.7	83	0.00
44 TM	Trichloroethene	50.000	49.585	0.8	92	0.00
45 C	1,2-Dichloropropane	50.000	51.392	-2.8#	91	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	51.647	-3.3	94	0.00
47 T	Bromodichloromethane	50.000	53.203	-6.4	96	0.00
48 T	Methyl methacrylate	50.000	50.003	-0.0	90	0.00
49 T	1,4-Dioxane	1000.000	1033.600	-3.4	99	0.00
50 S	Toluene-d8	50.000	54.090	-8.2	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.256	-12.1	96	0.00
52 CM	Toluene	50.000	53.091	-6.2#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	54.216	-8.4	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.686	-3.4	91	0.00
55 T	1,1,2-Trichloroethane	50.000	54.945	-9.9	97	0.00
56 T	Ethyl methacrylate	50.000	55.014	-10.0	94	0.00
57 T	1,3-Dichloropropane	50.000	52.695	-5.4	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.757	0.5	92	0.00
59 T	2-Hexanone	250.000	269.485	-7.8	94	0.00
60 T	Dibromochloromethane	50.000	55.291	-10.6	97	0.00
61 T	1,2-Dibromoethane	50.000	51.135	-2.3	93	0.00
62 S	4-Bromofluorobenzene	50.000	50.880	-1.8	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	52.095	-4.2	95	0.00
65 PM	Chlorobenzene	50.000	48.569	2.9	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.012	-4.0	93	0.00
67 C	Ethyl Benzene	50.000	49.576	0.8#	88	0.00
68 T	m/p-Xylenes	100.000	101.498	-1.5	89	0.00
69 T	o-Xylene	50.000	50.850	-1.7	88	0.00
70 T	Styrene	50.000	50.831	-1.7	88	0.00
71 P	Bromoform	50.000	53.568	-7.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	49.580	0.8	91	0.00
74 T	N-amyl acetate	50.000	48.152	3.7	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.201	5.6	89	0.00
76 T	1,2,3-Trichloropropane	50.000	49.966	0.1	93	0.00
77 T	Bromobenzene	50.000	48.524	3.0	89	0.00
78 T	n-propylbenzene	50.000	50.281	-0.6	91	0.00
79 T	2-Chlorotoluene	50.000	49.251	1.5	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.425	-2.8	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.297	5.4	84	0.00
82 T	4-Chlorotoluene	50.000	49.079	1.8	90	0.00
83 T	tert-Butylbenzene	50.000	50.435	-0.9	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.069	-2.1	91	0.00
85 T	sec-Butylbenzene	50.000	51.953	-3.9	93	0.00
86 T	p-Isopropyltoluene	50.000	52.315	-4.6	93	0.00
87 T	1,3-Dichlorobenzene	50.000	48.654	2.7	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.517	3.0	90	0.00
89 T	n-Butylbenzene	50.000	52.024	-4.0	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.183	-8.4	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.970	2.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.699	2.6	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.963	-1.9	86	0.00
94 T	Hexachlorobutadiene	50.000	52.881	-5.8	96	0.00
95 T	Naphthalene	50.000	41.857	16.3	76	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.602	-1.2	87	0.00

(#) = Out of Range

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