

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN040519\
 Data File : VN054961.D
 Acq On : 5 Apr 2019 9:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 05 23:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	51.464	-2.9	100	0.00
3 P	Chloromethane	50.000	46.964	6.1	93	0.00
4 C	Vinyl Chloride	50.000	48.644	2.7#	96	0.00
5 T	Bromomethane	50.000	46.082	7.8	94	0.00
6 T	Chloroethane	50.000	47.017	6.0	97	0.00
7 T	Trichlorofluoromethane	50.000	49.870	0.3	99	0.00
8 T	Diethyl Ether	50.000	47.572	4.9	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.846	-1.7	103	0.00
10 T	Methyl Iodide	50.000	49.242	1.5	95	0.00
11 T	Tert butyl alcohol	250.000	221.216	11.5	91	0.00
12 CM	1,1-Dichloroethene	50.000	48.288	3.4#	98	0.00
13 T	Acrolein	250.000	232.910	6.8	92	0.00
14 T	Allyl chloride	50.000	50.373	-0.7	97	0.00
15 T	Acrylonitrile	250.000	231.684	7.3	92	0.00
16 T	Acetone	250.000	303.459	-21.4	104	0.00
17 T	Carbon Disulfide	50.000	50.545	-1.1	99	0.00
18 T	Methyl Acetate	50.000	46.924	6.2	92	0.00
19 T	Methyl tert-butyl Ether	50.000	47.263	5.5	93	0.00
20 T	Methylene Chloride	50.000	46.934	6.1	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.409	1.2	97	0.00
22 T	Diisopropyl ether	50.000	49.646	0.7	96	0.00
23 T	Vinyl Acetate	250.000	247.768	0.9	93	0.00
24 P	1,1-Dichloroethane	50.000	48.755	2.5	97	0.00
25 T	2-Butanone	250.000	254.747	-1.9	95	0.00
26 T	2,2-Dichloropropane	50.000	50.755	-1.5	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.664	0.7	98	0.00
28 T	Bromochloromethane	50.000	46.540	6.9	94	0.00
29 T	Tetrahydrofuran	250.000	231.455	7.4	91	0.00
30 C	Chloroform	50.000	49.321	1.4#	97	0.00
31 T	Cyclohexane	50.000	50.737	-1.5	100	0.00
32 T	1,1,1-Trichloroethane	50.000	48.122	3.8	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.986	0.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	52.217	-4.4	99	0.00
36 T	1,1-Dichloropropene	50.000	51.140	-2.3	99	0.00
37 T	Ethyl Acetate	50.000	48.769	2.5	92	0.00
38 T	Carbon Tetrachloride	50.000	49.055	1.9	96	0.00
39 T	Methylcyclohexane	50.000	53.910	-7.8	101	0.00
40 TM	Benzene	50.000	51.174	-2.3	97	0.00
41 T	Methacrylonitrile	50.000	51.100	-2.2	97	0.00
42 TM	1,2-Dichloroethane	50.000	50.061	-0.1	96	0.00
43 T	Isopropyl Acetate	50.000	49.159	1.7	92	0.00
44 TM	Trichloroethene	50.000	52.399	-4.8	100	0.00
45 C	1,2-Dichloropropane	50.000	51.065	-2.1#	97	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	50.729	-1.5	97	0.00
47 T	Bromodichloromethane	50.000	51.746	-3.5	97	0.00
48 T	Methyl methacrylate	50.000	49.387	1.2	91	0.00
49 T	1,4-Dioxane	1000.000	987.320	1.3	92	0.00
50 S	Toluene-d8	50.000	51.891	-3.8	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.765	1.7	91	0.00
52 CM	Toluene	50.000	52.351	-4.7#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	48.396	3.2	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.513	-9.0	99	0.00
55 T	1,1,2-Trichloroethane	50.000	50.476	-1.0	94	0.00
56 T	Ethyl methacrylate	50.000	50.169	-0.3	91	0.00
57 T	1,3-Dichloropropane	50.000	50.573	-1.1	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.374	7.1	94	0.00
59 T	2-Hexanone	250.000	259.849	-3.9	94	0.00
60 T	Dibromochloromethane	50.000	52.118	-4.2	95	0.00
61 T	1,2-Dibromoethane	50.000	51.492	-3.0	94	0.00
62 S	4-Bromofluorobenzene	50.000	53.938	-7.9	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	51.928	-3.9	103	0.00
65 PM	Chlorobenzene	50.000	50.845	-1.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.614	-3.2	98	0.00
67 C	Ethyl Benzene	50.000	51.833	-3.7#	98	0.00
68 T	m/p-Xylenes	100.000	105.624	-5.6	100	0.00
69 T	o-Xylene	50.000	51.757	-3.5	98	0.00
70 T	Styrene	50.000	54.628	-9.3	99	0.00
71 P	Bromoform	50.000	50.705	-1.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	47.536	4.9	98	0.00
74 T	N-amyl acetate	50.000	48.541	2.9	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.709	2.6	92	0.00
76 T	1,2,3-Trichloropropane	50.000	46.378	7.2	84	0.00
77 T	Bromobenzene	50.000	47.776	4.4	98	0.00
78 T	n-propylbenzene	50.000	49.795	0.4	101	0.00
79 T	2-Chlorotoluene	50.000	47.467	5.1	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.898	2.2	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.884	-1.8	100	0.00
82 T	4-Chlorotoluene	50.000	50.325	-0.7	101	0.00
83 T	tert-Butylbenzene	50.000	48.261	3.5	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.077	-0.2	100	0.00
85 T	sec-Butylbenzene	50.000	49.092	1.8	101	0.00
86 T	p-Isopropyltoluene	50.000	51.664	-3.3	104	0.00
87 T	1,3-Dichlorobenzene	50.000	50.107	-0.2	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.689	-1.4	100	0.00
89 T	n-Butylbenzene	50.000	55.741	-11.5	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.146	-0.3	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.300	1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.423	9.2	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.779	2.4	102	0.00
94 T	Hexachlorobutadiene	50.000	50.143	-0.3	108	0.00
95 T	Naphthalene	50.000	43.995	12.0	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.451	-4.9	98	0.00

(#) = Out of Range

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