

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054942.D
 Acq On : 4 Apr 2019 12:24
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040419

Quant Time: Apr 05 03:17:29 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	49.599	0.8	106	0.00
3 P	Chloromethane	50.000	49.180	1.6	107	0.00
4 C	Vinyl Chloride	50.000	47.680	4.6#	103	0.00
5 T	Bromomethane	50.000	48.225	3.5	108	0.00
6 T	Chloroethane	50.000	45.913	8.2	104	0.00
7 T	Trichlorofluoromethane	50.000	47.042	5.9	103	0.00
8 T	Diethyl Ether	50.000	47.539	4.9	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.697	8.6	101	0.00
10 T	Methyl Iodide	50.000	44.674	10.7	95	0.00
11 T	Tert butyl alcohol	250.000	256.811	-2.7	116	0.00
12 CM	1,1-Dichloroethene	50.000	45.636	8.7#	102	0.00
13 T	Acrolein	250.000	258.537	-3.4	113	0.00
14 T	Allyl chloride	50.000	50.992	-2.0	107	0.00
15 T	Acrylonitrile	250.000	249.794	0.1	110	0.00
16 T	Acetone	250.000	260.696	-4.3	100	0.00
17 T	Carbon Disulfide	50.000	49.633	0.7	107	0.00
18 T	Methyl Acetate	50.000	50.724	-1.4	109	0.00
19 T	Methyl tert-butyl Ether	50.000	49.636	0.7	108	0.00
20 T	Methylene Chloride	50.000	46.742	6.5	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.049	3.9	104	0.00
22 T	Diisopropyl ether	50.000	49.211	1.6	105	0.00
23 T	Vinyl Acetate	250.000	261.369	-4.5	108	0.00
24 P	1,1-Dichloroethane	50.000	48.121	3.8	105	0.00
25 T	2-Butanone	250.000	262.238	-4.9	107	0.00
26 T	2,2-Dichloropropane	50.000	49.734	0.5	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.958	2.1	106	0.00
28 T	Bromochloromethane	50.000	47.781	4.4	106	0.00
29 T	Tetrahydrofuran	250.000	251.783	-0.7	108	0.00
30 C	Chloroform	50.000	48.122	3.8#	105	0.00
31 T	Cyclohexane	50.000	48.344	3.3	105	0.00
32 T	1,1,1-Trichloroethane	50.000	47.980	4.0	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.827	6.3	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	46.953	6.1	99	0.00
36 T	1,1-Dichloropropene	50.000	48.238	3.5	105	0.00
37 T	Ethyl Acetate	50.000	51.068	-2.1	108	0.00
38 T	Carbon Tetrachloride	50.000	47.163	5.7	104	0.00
39 T	Methylcyclohexane	50.000	50.344	-0.7	106	0.00
40 TM	Benzene	50.000	49.012	2.0	104	0.00
41 T	Methacrylonitrile	50.000	49.417	1.2	105	0.00
42 TM	1,2-Dichloroethane	50.000	47.972	4.1	103	0.00
43 T	Isopropyl Acetate	50.000	51.743	-3.5	109	0.00
44 TM	Trichloroethene	50.000	48.809	2.4	104	0.00
45 C	1,2-Dichloropropane	50.000	49.380	1.2#	105	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	49.587	0.8	107	0.00
47 T	Bromodichloromethane	50.000	49.709	0.6	105	0.00
48 T	Methyl methacrylate	50.000	52.769	-5.5	109	0.00
49 T	1,4-Dioxane	1000.000	1017.064	-1.7	106	0.00
50 S	Toluene-d8	50.000	47.257	5.5	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.624	-3.8	108	0.00
52 CM	Toluene	50.000	49.862	0.3#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	48.024	4.0	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.483	-5.0	107	0.00
55 T	1,1,2-Trichloroethane	50.000	49.663	0.7	104	0.00
56 T	Ethyl methacrylate	50.000	52.438	-4.9	106	0.00
57 T	1,3-Dichloropropane	50.000	49.953	0.1	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	239.208	4.3	109	0.00
59 T	2-Hexanone	250.000	269.666	-7.9	109	0.00
60 T	Dibromochloromethane	50.000	51.420	-2.8	105	0.00
61 T	1,2-Dibromoethane	50.000	50.974	-1.9	105	0.00
62 S	4-Bromofluorobenzene	50.000	47.407	5.2	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	46.068	7.9	101	0.00
65 PM	Chlorobenzene	50.000	48.900	2.2	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.227	-2.5	106	0.00
67 C	Ethyl Benzene	50.000	49.713	0.6#	104	0.00
68 T	m/p-Xylenes	100.000	100.656	-0.7	105	0.00
69 T	o-Xylene	50.000	50.004	-0.0	104	0.00
70 T	Styrene	50.000	51.725	-3.5	103	0.00
71 P	Bromoform	50.000	51.962	-3.9	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	47.205	5.6	103	0.00
74 T	N-amyl acetate	50.000	55.854	-11.7	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.213	-4.4	104	0.00
76 T	1,2,3-Trichloropropane	50.000	54.689	-9.4	103	0.00
77 T	Bromobenzene	50.000	47.619	4.8	103	0.00
78 T	n-propylbenzene	50.000	48.413	3.2	104	0.00
79 T	2-Chlorotoluene	50.000	46.825	6.3	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.441	5.1	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.012	-10.0	114	0.00
82 T	4-Chlorotoluene	50.000	49.110	1.8	104	0.00
83 T	tert-Butylbenzene	50.000	47.217	5.6	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.654	2.7	102	0.00
85 T	sec-Butylbenzene	50.000	47.808	4.4	104	0.00
86 T	p-Isopropyltoluene	50.000	49.150	1.7	104	0.00
87 T	1,3-Dichlorobenzene	50.000	48.782	2.4	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.447	1.1	103	0.00
89 T	n-Butylbenzene	50.000	52.063	-4.1	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.033	1.9	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.495	3.0	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.848	4.3	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.962	0.1	111	0.00
94 T	Hexachlorobutadiene	50.000	46.378	7.2	106	0.00
95 T	Naphthalene	50.000	51.297	-2.6	116	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.860	-9.7	109	0.00

(#) = Out of Range

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