

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041319\
 Data File : VN055020.D
 Acq On : 13 Apr 2019 00:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 15 01:46:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	45.464	9.1	103	0.00
3 P	Chloromethane	50.000	41.688	16.6	100	0.00
4 C	Vinyl Chloride	50.000	43.749	12.5#	102	0.00
5 T	Bromomethane	50.000	41.154	17.7	99	0.00
6 T	Chloroethane	50.000	43.486	13.0	103	0.00
7 T	Trichlorofluoromethane	50.000	44.904	10.2	106	0.00
8 T	Diethyl Ether	50.000	45.234	9.5	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.939	14.1	102	0.00
10 T	Methyl Iodide	50.000	57.887	-15.8	131	0.00
11 T	Tert butyl alcohol	250.000	244.800	2.1	115	0.00
12 CM	1,1-Dichloroethene	50.000	42.540	14.9#	102	0.00
13 T	Acrolein	250.000	225.267	9.9	103	0.00
14 T	Allyl chloride	50.000	45.187	9.6	104	0.00
15 T	Acrylonitrile	250.000	241.037	3.6	109	0.00
16 T	Acetone	250.000	192.718	22.9	93	0.00
17 T	Carbon Disulfide	50.000	44.506	11.0	105	0.00
18 T	Methyl Acetate	50.000	45.019	10.0	111	0.00
19 T	Methyl tert-butyl Ether	50.000	48.312	3.4	109	0.00
20 T	Methylene Chloride	50.000	46.175	7.7	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.537	8.9	104	0.00
22 T	Diisopropyl ether	50.000	47.485	5.0	107	0.00
23 T	Vinyl Acetate	250.000	246.027	1.6	107	0.00
24 P	1,1-Dichloroethane	50.000	45.411	9.2	106	0.00
25 T	2-Butanone	250.000	240.047	4.0	106	0.00
26 T	2,2-Dichloropropane	50.000	37.917	24.2	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.942	10.1	103	0.00
28 T	Bromochloromethane	50.000	45.442	9.1	104	0.00
29 T	Tetrahydrofuran	250.000	244.098	2.4	108	0.00
30 C	Chloroform	50.000	44.866	10.3#	104	0.00
31 T	Cyclohexane	50.000	44.447	11.1	102	0.00
32 T	1,1,1-Trichloroethane	50.000	46.385	7.2	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.781	-3.6	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35 S	Dibromofluoromethane	50.000	50.743	-1.5	112	0.00
36 T	1,1-Dichloropropene	50.000	45.766	8.5	107	0.00
37 T	Ethyl Acetate	50.000	50.407	-0.8	109	0.00
38 T	Carbon Tetrachloride	50.000	43.662	12.7	104	0.00
39 T	Methylcyclohexane	50.000	39.831	20.3	93	0.00
40 TM	Benzene	50.000	45.056	9.9	104	0.00
41 T	Methacrylonitrile	50.000	48.124	3.8	115	0.00
42 TM	1,2-Dichloroethane	50.000	44.855	10.3	104	0.00
43 T	Isopropyl Acetate	50.000	50.117	-0.2	110	0.00
44 TM	Trichloroethene	50.000	44.586	10.8	103	0.00
45 C	1,2-Dichloropropane	50.000	45.103	9.8#	106	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	44.968	10.1	103	0.00
47 T	Bromodichloromethane	50.000	45.474	9.1	103	0.00
48 T	Methyl methacrylate	50.000	46.963	6.1	107	0.00
49 T	1,4-Dioxane	1000.000	868.610	13.1	97	0.00
50 S	Toluene-d8	50.000	49.559	0.9	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.326	-0.1	111	0.00
52 CM	Toluene	50.000	44.576	10.8#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	47.655	4.7	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.884	6.2	103	0.00
55 T	1,1,2-Trichloroethane	50.000	46.270	7.5	104	0.00
56 T	Ethyl methacrylate	50.000	49.844	0.3	109	0.00
57 T	1,3-Dichloropropane	50.000	46.066	7.9	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	216.878	13.2	110	0.00
59 T	2-Hexanone	250.000	246.746	1.3	109	0.00
60 T	Dibromochloromethane	50.000	48.297	3.4	105	0.00
61 T	1,2-Dibromoethane	50.000	46.314	7.4	106	0.00
62 S	4-Bromofluorobenzene	50.000	46.951	6.1	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	45.174	9.7	99	0.00
65 PM	Chlorobenzene	50.000	48.058	3.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.283	1.4	103	0.00
67 C	Ethyl Benzene	50.000	47.401	5.2#	101	0.00
68 T	m/p-Xylenes	100.000	94.612	5.4	100	0.00
69 T	o-Xylene	50.000	46.611	6.8	101	0.00
70 T	Styrene	50.000	50.109	-0.2	102	0.00
71 P	Bromoform	50.000	45.703	8.6	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	43.660	12.7	98	0.00
74 T	N-amyl acetate	50.000	58.004	-16.0	122	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.620	6.8	104	0.00
76 T	1,2,3-Trichloropropane	50.000	49.067	1.9	99	0.00
77 T	Bromobenzene	50.000	49.818	0.4	102	0.00
78 T	n-propylbenzene	50.000	44.303	11.4	96	0.00
79 T	2-Chlorotoluene	50.000	43.953	12.1	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.938	12.1	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.265	3.5	104	0.00
82 T	4-Chlorotoluene	50.000	45.859	8.3	101	0.00
83 T	tert-Butylbenzene	50.000	42.822	14.4	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.231	9.5	97	0.00
85 T	sec-Butylbenzene	50.000	42.387	15.2	92	0.00
86 T	p-Isopropyltoluene	50.000	51.821	-3.6	111	0.00
87 T	1,3-Dichlorobenzene	50.000	45.018	10.0	99	0.00
88 T	1,4-Dichlorobenzene	50.000	45.887	8.2	99	0.00
89 T	n-Butylbenzene	50.000	45.356	9.3	94	0.00

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90 T	Hexachloroethane	50.000	40.629	18.7	90	0.00
91 T	1,2-Dichlorobenzene	50.000	46.283	7.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.753	-7.5	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.979	10.0	100	0.00
94 T	Hexachlorobutadiene	50.000	44.266	11.5	90	0.00
95 T	Naphthalene	50.000	47.574	4.9	113	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.134	1.7	99	0.00

(#) = Out of Range

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