

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022119\
 Data File : VN053878.D
 Acq On : 21 Feb 2019 8:34
 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 22 03:45:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	47.034	5.9	98	0.00
3 P	Chloromethane	50.000	45.704	8.6	93	0.00
4 C	Vinyl Chloride	50.000	47.792	4.4#	101	0.00
5 T	Bromomethane	50.000	47.919	4.2	105	0.00
6 T	Chloroethane	50.000	47.898	4.2	104	0.00
7 T	Trichlorofluoromethane	50.000	47.871	4.3	105	0.00
8 T	Diethyl Ether	50.000	44.530	10.9	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.706	6.6	106	0.00
10 T	Methyl Iodide	50.000	46.038	7.9	95	0.00
11 T	Tert butyl alcohol	250.000	213.824	14.5	97	0.00
12 CM	1,1-Dichloroethene	50.000	46.458	7.1#	101	0.00
13 T	Acrolein	250.000	110.858	55.7#	32	0.00
14 T	Allyl chloride	50.000	47.878	4.2	100	0.00
15 T	Acrylonitrile	250.000	231.709	7.3	95	0.00
16 T	Acetone	250.000	260.661	-4.3	116	0.00
17 T	Carbon Disulfide	50.000	46.502	7.0	100	0.00
18 T	Methyl Acetate	50.000	41.999	16.0	96	0.00
19 T	Methyl tert-butyl Ether	50.000	47.020	6.0	96	0.00
20 T	Methylene Chloride	50.000	45.442	9.1	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.063	3.9	101	0.00
22 T	Diisopropyl ether	50.000	49.645	0.7	99	0.00
23 T	Vinyl Acetate	250.000	244.236	2.3	97	0.00
24 P	1,1-Dichloroethane	50.000	46.919	6.2	100	0.00
25 T	2-Butanone	250.000	239.297	4.3	100	0.00
26 T	2,2-Dichloropropane	50.000	48.293	3.4	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.859	4.3	99	0.00
28 T	Bromochloromethane	50.000	48.430	3.1	100	0.00
29 T	Tetrahydrofuran	250.000	228.281	8.7	94	0.00
30 C	Chloroform	50.000	46.636	6.7#	100	0.00
31 T	Cyclohexane	50.000	48.955	2.1	103	0.00
32 T	1,1,1-Trichloroethane	50.000	47.196	5.6	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.672	6.7	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	49.010	2.0	99	0.00
36 T	1,1-Dichloropropene	50.000	50.011	-0.0	104	0.00
37 T	Ethyl Acetate	50.000	44.771	10.5	93	0.00
38 T	Carbon Tetrachloride	50.000	49.026	1.9	100	0.00
39 T	Methylcyclohexane	50.000	53.529	-7.1	103	0.00
40 TM	Benzene	50.000	50.120	-0.2	99	0.00
41 T	Methacrylonitrile	50.000	37.788	24.4	70	-0.02
42 TM	1,2-Dichloroethane	50.000	48.975	2.0	100	0.00
43 T	Isopropyl Acetate	50.000	42.847	14.3	93	0.00
44 TM	Trichloroethene	50.000	51.454	-2.9	102	0.00
45 C	1,2-Dichloropropane	50.000	50.416	-0.8#	100	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	49.901	0.2	98	0.00
47 T	Bromodichloromethane	50.000	50.122	-0.2	98	0.00
48 T	Methyl methacrylate	50.000	49.562	0.9	95	0.00
49 T	1,4-Dioxane	1000.000	965.365	3.5	102	0.00
50 S	Toluene-d8	50.000	51.175	-2.3	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.992	8.8	89	0.00
52 CM	Toluene	50.000	51.536	-3.1#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.336	-4.7	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.046	-4.1	92	0.00
55 T	1,1,2-Trichloroethane	50.000	49.180	1.6	93	0.00
56 T	Ethyl methacrylate	50.000	44.753	10.5	90	0.00
57 T	1,3-Dichloropropane	50.000	49.718	0.6	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.297	9.5	94	0.00
59 T	2-Hexanone	250.000	248.078	0.8	87	0.00
60 T	Dibromochloromethane	50.000	50.381	-0.8	91	0.00
61 T	1,2-Dibromoethane	50.000	48.669	2.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.139	-6.3	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	49.289	1.4	93	0.00
65 PM	Chlorobenzene	50.000	49.512	1.0	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.463	-0.9	92	0.00
67 C	Ethyl Benzene	50.000	51.318	-2.6#	92	0.00
68 T	m/p-Xylenes	100.000	104.531	-4.5	92	0.00
69 T	o-Xylene	50.000	53.463	-6.9	95	0.00
70 T	Styrene	50.000	55.668	-11.3	95	0.00
71 P	Bromoform	50.000	50.876	-1.8	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	46.556	6.9	95	0.00
74 T	N-amyl acetate	50.000	44.607	10.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.854	14.3	89	0.00
76 T	1,2,3-Trichloropropane	50.000	40.170	19.7	84	0.00
77 T	Bromobenzene	50.000	45.865	8.3	94	0.00
78 T	n-propylbenzene	50.000	49.253	1.5	97	0.00
79 T	2-Chlorotoluene	50.000	50.933	-1.9	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.591	-5.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.235	9.5	90	0.00
82 T	4-Chlorotoluene	50.000	52.248	-4.5	104	0.00
83 T	tert-Butylbenzene	50.000	50.552	-1.1	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.193	-6.4	104	0.00
85 T	sec-Butylbenzene	50.000	51.772	-3.5	104	0.00
86 T	p-Isopropyltoluene	50.000	53.032	-6.1	104	0.00
87 T	1,3-Dichlorobenzene	50.000	50.736	-1.5	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.589	0.8	103	0.00
89 T	n-Butylbenzene	50.000	55.083	-10.2	105	0.00

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90 T	Hexachloroethane	50.000	46.013	8.0	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.851	0.3	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.025	8.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.451	9.1	106	0.00
94 T	Hexachlorobutadiene	50.000	44.745	10.5	108	0.00
95 T	Naphthalene	50.000	40.683	18.6	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	44.996	10.0	103	0.00

(#) = Out of Range

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