

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN122418\
 Data File : VN053172.D
 Acq On : 24 Dec 2018 9:19
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 22:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	48.624	2.8	89	0.00
3 P	Chloromethane	50.000	52.406	-4.8	94	0.00
4 C	Vinyl Chloride	50.000	49.139	1.7#	89	0.00
5 T	Bromomethane	50.000	45.995	8.0	89	0.00
6 T	Chloroethane	50.000	49.932	0.1	90	0.00
7 T	Trichlorofluoromethane	50.000	50.251	-0.5	90	0.00
8 T	Diethyl Ether	50.000	51.416	-2.8	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.442	-2.9	95	0.00
10 T	Methyl Iodide	50.000	45.023	10.0	77	0.00
11 T	Tert butyl alcohol	250.000	238.080	4.8	83	0.00
12 CM	1,1-Dichloroethene	50.000	49.062	1.9#	88	0.00
13 T	Acrolein	250.000	305.539	-22.2	106	0.00
14 T	Allyl chloride	50.000	51.790	-3.6	93	0.00
15 T	Acrylonitrile	250.000	254.953	-2.0	91	0.00
16 T	Acetone	250.000	242.263	3.1	89	0.00
17 T	Carbon Disulfide	50.000	42.997	14.0	81	0.00
18 T	Methyl Acetate	50.000	53.010	-6.0	97	0.00
19 T	Methyl tert-butyl Ether	50.000	50.952	-1.9	90	0.00
20 T	Methylene Chloride	50.000	51.377	-2.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.231	1.5	90	0.00
22 T	Diisopropyl ether	50.000	54.115	-8.2	96	0.00
23 T	Vinyl Acetate	250.000	269.602	-7.8	99	0.00
24 P	1,1-Dichloroethane	50.000	51.927	-3.9	93	0.00
25 T	2-Butanone	250.000	262.405	-5.0	91	0.00
26 T	2,2-Dichloropropane	50.000	50.752	-1.5	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.461	-2.9	92	0.00
28 T	Bromochloromethane	50.000	50.171	-0.3	88	0.00
29 T	Tetrahydrofuran	250.000	257.857	-3.1	90	0.00
30 C	Chloroform	50.000	51.473	-2.9#	92	0.00
31 T	Cyclohexane	50.000	51.724	-3.4	93	0.00
32 T	1,1,1-Trichloroethane	50.000	49.836	0.3	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.486	1.0	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	63.935	-27.9#	110	0.00
36 T	1,1-Dichloropropene	50.000	52.314	-4.6	92	0.00
37 T	Ethyl Acetate	50.000	53.834	-7.7	90	0.00
38 T	Carbon Tetrachloride	50.000	52.209	-4.4	90	0.00
39 T	Methylcyclohexane	50.000	51.543	-3.1	92	0.00
40 TM	Benzene	50.000	52.848	-5.7	92	0.00
41 T	Methacrylonitrile	50.000	60.644	-21.3	103	0.00
42 TM	1,2-Dichloroethane	50.000	52.010	-4.0	90	0.00
43 T	Isopropyl Acetate	50.000	50.450	-0.9	86	0.00
44 TM	Trichloroethene	50.000	49.944	0.1	87	0.00
45 C	1,2-Dichloropropane	50.000	54.120	-8.2#	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.922	-3.8	90	0.00
47 T	Bromodichloromethane	50.000	53.229	-6.5	92	0.00
48 T	Methyl methacrylate	50.000	52.277	-4.6	90	0.00
49 T	1,4-Dioxane	1000.000	1010.423	-1.0	91	0.00
50 S	Toluene-d8	50.000	51.582	-3.2	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.730	-9.5	91	0.00
52 CM	Toluene	50.000	53.715	-7.4#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	52.166	-4.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.368	-6.7	91	0.00
55 T	1,1,2-Trichloroethane	50.000	53.341	-6.7	92	0.00
56 T	Ethyl methacrylate	50.000	52.911	-5.8	90	0.00
57 T	1,3-Dichloropropane	50.000	53.799	-7.6	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.790	1.3	82	0.00
59 T	2-Hexanone	250.000	278.705	-11.5	94	0.00
60 T	Dibromochloromethane	50.000	52.484	-5.0	90	0.00
61 T	1,2-Dibromoethane	50.000	52.638	-5.3	90	0.00
62 S	4-Bromofluorobenzene	50.000	52.596	-5.2	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	45.270	9.5	80	0.00
65 PM	Chlorobenzene	50.000	52.658	-5.3	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.720	-5.4	93	0.00
67 C	Ethyl Benzene	50.000	53.320	-6.6#	95	0.00
68 T	m/p-Xylenes	100.000	106.372	-6.4	95	0.00
69 T	o-Xylene	50.000	54.157	-8.3	95	0.00
70 T	Styrene	50.000	55.220	-10.4	96	0.00
71 P	Bromoform	50.000	50.635	-1.3	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	52.508	-5.0	95	0.00
74 T	N-amyl acetate	50.000	50.128	-0.3	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.612	-11.2	104	0.00
76 T	1,2,3-Trichloropropane	50.000	44.634	10.7	78	0.00
77 T	Bromobenzene	50.000	51.931	-3.9	94	0.00
78 T	n-propylbenzene	50.000	53.154	-6.3	96	0.00
79 T	2-Chlorotoluene	50.000	50.188	-0.4	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.975	-4.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.401	-0.8	87	0.00
82 T	4-Chlorotoluene	50.000	52.944	-5.9	97	0.00
83 T	tert-Butylbenzene	50.000	51.307	-2.6	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.210	-4.4	94	0.00
85 T	sec-Butylbenzene	50.000	51.021	-2.0	94	0.00
86 T	p-Isopropyltoluene	50.000	51.558	-3.1	94	0.00
87 T	1,3-Dichlorobenzene	50.000	51.807	-3.6	94	0.00
88 T	1,4-Dichlorobenzene	50.000	50.984	-2.0	96	0.00
89 T	n-Butylbenzene	50.000	50.768	-1.5	95	0.00

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90 T	Hexachloroethane	50.000	53.051	-6.1	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.600	-3.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.476	5.0	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.947	4.1	88	0.00
94 T	Hexachlorobutadiene	50.000	59.775	-19.5	103	0.00
95 T	Naphthalene	50.000	45.053	9.9	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.626	6.7	86	0.00

(#) = Out of Range

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