

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122818\
 Data File : VN053222.D
 Acq On : 28 Dec 2018 13:54
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 22:51:09 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	45.545	8.9	75	0.00
3 P	Chloromethane	50.000	46.233	7.5	75	0.00
4 C	Vinyl Chloride	50.000	46.592	6.8#	76	0.00
5 T	Bromomethane	50.000	45.814	8.4	80	0.00
6 T	Chloroethane	50.000	47.850	4.3	78	0.00
7 T	Trichlorofluoromethane	50.000	49.827	0.3	81	0.00
8 T	Diethyl Ether	50.000	50.870	-1.7	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.773	-3.5	86	0.00
10 T	Methyl Iodide	50.000	50.642	-1.3	78	0.00
11 T	Tert butyl alcohol	250.000	248.146	0.7	78	0.00
12 CM	1,1-Dichloroethene	50.000	49.054	1.9#	79	0.00
13 T	Acrolein	250.000	299.620	-19.8	94	0.00
14 T	Allyl chloride	50.000	51.295	-2.6	83	0.00
15 T	Acrylonitrile	250.000	253.328	-1.3	82	0.00
16 T	Acetone	250.000	264.739	-5.9	88	0.00
17 T	Carbon Disulfide	50.000	40.783	18.4	69	0.00
18 T	Methyl Acetate	50.000	55.169	-10.3	91	0.00
19 T	Methyl tert-butyl Ether	50.000	51.521	-3.0	82	0.00
20 T	Methylene Chloride	50.000	50.357	-0.7	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.018	2.0	81	0.00
22 T	Diisopropyl ether	50.000	54.269	-8.5	87	0.00
23 T	Vinyl Acetate	250.000	270.780	-8.3	90	0.00
24 P	1,1-Dichloroethane	50.000	51.848	-3.7	84	0.00
25 T	2-Butanone	250.000	270.349	-8.1	84	0.00
26 T	2,2-Dichloropropane	50.000	51.913	-3.8	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.040	-2.1	83	0.00
28 T	Bromochloromethane	50.000	50.271	-0.5	80	0.00
29 T	Tetrahydrofuran	250.000	252.690	-1.1	80	0.00
30 C	Chloroform	50.000	51.796	-3.6#	84	0.00
31 T	Cyclohexane	50.000	50.301	-0.6	81	0.00
32 T	1,1,1-Trichloroethane	50.000	50.613	-1.2	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.451	-2.9	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	64.310	-28.6#	101	0.00
36 T	1,1-Dichloropropene	50.000	51.227	-2.5	82	0.00
37 T	Ethyl Acetate	50.000	51.961	-3.9	79	0.00
38 T	Carbon Tetrachloride	50.000	52.420	-4.8	82	0.00
39 T	Methylcyclohexane	50.000	49.755	0.5	81	0.00
40 TM	Benzene	50.000	52.137	-4.3	83	0.00
41 T	Methacrylonitrile	50.000	57.391	-14.8	89	0.00
42 TM	1,2-Dichloroethane	50.000	51.646	-3.3	82	0.00
43 T	Isopropyl Acetate	50.000	50.796	-1.6	79	0.00
44 TM	Trichloroethene	50.000	49.328	1.3	78	0.00
45 C	1,2-Dichloropropane	50.000	53.765	-7.5#	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.258	-2.5	81	0.00
47 T	Bromodichloromethane	50.000	53.089	-6.2	84	0.00
48 T	Methyl methacrylate	50.000	51.531	-3.1	81	0.00
49 T	1,4-Dioxane	1000.000	981.270	1.9	80	0.00
50 S	Toluene-d8	50.000	51.665	-3.3	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.223	-6.9	81	0.00
52 CM	Toluene	50.000	52.077	-4.2#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.103	-4.2	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.344	-6.7	83	0.00
55 T	1,1,2-Trichloroethane	50.000	53.193	-6.4	84	0.00
56 T	Ethyl methacrylate	50.000	52.841	-5.7	81	0.00
57 T	1,3-Dichloropropane	50.000	53.201	-6.4	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	211.515	15.4	64	0.00
59 T	2-Hexanone	250.000	271.234	-8.5	83	0.00
60 T	Dibromochloromethane	50.000	52.649	-5.3	82	0.00
61 T	1,2-Dibromoethane	50.000	51.959	-3.9	81	0.00
62 S	4-Bromofluorobenzene	50.000	52.543	-5.1	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	44.699	10.6	71	0.00
65 PM	Chlorobenzene	50.000	52.003	-4.0	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.913	-5.8	84	0.00
67 C	Ethyl Benzene	50.000	52.247	-4.5#	83	0.00
68 T	m/p-Xylenes	100.000	103.870	-3.9	83	0.00
69 T	o-Xylene	50.000	52.243	-4.5	82	0.00
70 T	Styrene	50.000	54.099	-8.2	84	0.00
71 P	Bromoform	50.000	50.074	-0.1	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	52.271	-4.5	84	0.00
74 T	N-amyl acetate	50.000	50.338	-0.7	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.498	-13.0	94	0.00
76 T	1,2,3-Trichloropropane	50.000	44.809	10.4	69	0.00
77 T	Bromobenzene	50.000	51.709	-3.4	83	0.00
78 T	n-propylbenzene	50.000	52.745	-5.5	84	0.00
79 T	2-Chlorotoluene	50.000	49.912	0.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.573	-3.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.739	0.5	76	0.00
82 T	4-Chlorotoluene	50.000	52.345	-4.7	84	0.00
83 T	tert-Butylbenzene	50.000	51.115	-2.2	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.077	-4.2	83	0.00
85 T	sec-Butylbenzene	50.000	50.907	-1.8	83	0.00
86 T	p-Isopropyltoluene	50.000	51.601	-3.2	83	0.00
87 T	1,3-Dichlorobenzene	50.000	52.033	-4.1	84	0.00
88 T	1,4-Dichlorobenzene	50.000	50.381	-0.8	84	0.00
89 T	n-Butylbenzene	50.000	50.903	-1.8	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.258	-6.5	86	0.00
91 T	1,2-Dichlorobenzene	50.000	52.068	-4.1	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.446	5.1	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.961	2.1	80	0.00
94 T	Hexachlorobutadiene	50.000	60.990	-22.0	92	0.00
95 T	Naphthalene	50.000	45.218	9.6	74	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.260	5.5	77	0.00

(#) = Out of Range

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