

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052913.D
 Acq On : 15 Dec 2018 2:13
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 15 04:25:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 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	119	0.00
2 T	Dichlorodifluoromethane	50.000	47.911	4.2	114	0.00
3 P	Chloromethane	50.000	45.178	9.6	108	0.00
4 C	Vinyl Chloride	50.000	49.096	1.8#	117	0.00
5 T	Bromomethane	50.000	47.448	5.1	119	0.00
6 T	Chloroethane	50.000	49.490	1.0	120	0.00
7 T	Trichlorofluoromethane	50.000	51.315	-2.6	122	0.00
8 T	Diethyl Ether	50.000	52.117	-4.2	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.863	-1.7	122	0.00
10 T	Methyl Iodide	50.000	52.249	-4.5	122	0.00
11 T	Tert butyl alcohol	250.000	243.071	2.8	123	0.00
12 CM	1,1-Dichloroethene	50.000	51.628	-3.3#	122	0.00
13 T	Acrolein	250.000	209.171	16.3	100	0.00
14 T	Allyl chloride	50.000	48.437	3.1	117	0.00
15 T	Acrylonitrile	250.000	249.836	0.1	116	0.00
16 T	Acetone	250.000	225.049	10.0	111	0.00
17 T	Carbon Disulfide	50.000	48.586	2.8	117	0.00
18 T	Methyl Acetate	50.000	50.927	-1.9	124	0.00
19 T	Methyl tert-butyl Ether	50.000	51.822	-3.6	123	0.00
20 T	Methylene Chloride	50.000	48.848	2.3	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.793	-1.6	123	0.00
22 T	Diisopropyl ether	50.000	50.864	-1.7	120	0.00
23 T	Vinyl Acetate	250.000	235.873	5.7	110	0.00
24 P	1,1-Dichloroethane	50.000	51.614	-3.2	123	0.00
25 T	2-Butanone	250.000	235.949	5.6	114	0.00
26 T	2,2-Dichloropropane	50.000	43.206	13.6	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.232	-2.5	122	0.00
28 T	Bromochloromethane	50.000	50.112	-0.2	117	0.00
29 T	Tetrahydrofuran	250.000	244.941	2.0	117	0.00
30 C	Chloroform	50.000	51.302	-2.6#	123	0.00
31 T	Cyclohexane	50.000	49.176	1.6	119	0.00
32 T	1,1,1-Trichloroethane	50.000	51.796	-3.6	123	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.947	0.1	122	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35 S	Dibromofluoromethane	50.000	39.356	21.3	99	0.00
36 T	1,1-Dichloropropene	50.000	50.556	-1.1	121	0.00
37 T	Ethyl Acetate	50.000	49.157	1.7	115	0.00
38 T	Carbon Tetrachloride	50.000	50.804	-1.6	121	0.00
39 T	Methylcyclohexane	50.000	48.587	2.8	117	0.00
40 TM	Benzene	50.000	50.408	-0.8	120	0.00
41 T	Methacrylonitrile	50.000	55.666	-11.3	138	0.00
42 TM	1,2-Dichloroethane	50.000	50.436	-0.9	121	0.00
43 T	Isopropyl Acetate	50.000	45.716	8.6	120	0.00
44 TM	Trichloroethene	50.000	54.882	-9.8	133	0.00
45 C	1,2-Dichloropropane	50.000	50.863	-1.7#	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.286	1.4	119	0.00
47 T	Bromodichloromethane	50.000	51.108	-2.2	120	0.00
48 T	Methyl methacrylate	50.000	50.049	-0.1	116	0.00
49 T	1,4-Dioxane	1000.000	961.402	3.9	116	0.00
50 S	Toluene-d8	50.000	49.615	0.8	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.028	1.6	114	0.00
52 CM	Toluene	50.000	50.204	-0.4#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	49.960	0.1	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.374	-0.7	118	0.00
55 T	1,1,2-Trichloroethane	50.000	49.248	1.5	118	0.00
56 T	Ethyl methacrylate	50.000	51.613	-3.2	118	0.00
57 T	1,3-Dichloropropane	50.000	50.045	-0.1	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.667	-3.9	119	0.00
59 T	2-Hexanone	250.000	236.030	5.6	110	0.00
60 T	Dibromochloromethane	50.000	50.324	-0.6	118	0.00
61 T	1,2-Dibromoethane	50.000	49.359	1.3	115	0.00
62 S	4-Bromofluorobenzene	50.000	47.957	4.1	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64 T	Tetrachloroethene	50.000	65.930	-31.9#	152	0.00
65 PM	Chlorobenzene	50.000	50.168	-0.3	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.556	-3.1	118	0.00
67 C	Ethyl Benzene	50.000	50.992	-2.0#	115	0.00
68 T	m/p-Xylenes	100.000	101.231	-1.2	114	0.00
69 T	o-Xylene	50.000	50.271	-0.5	113	0.00
70 T	Styrene	50.000	51.196	-2.4	113	0.00
71 P	Bromoform	50.000	49.037	1.9	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	53.784	-7.6	113	0.00
74 T	N-amyl acetate	50.000	55.966	-11.9	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	40.828	18.3	88	0.00
76 T	1,2,3-Trichloropropane	50.000	50.190	-0.4	107	0.00
77 T	Bromobenzene	50.000	53.413	-6.8	113	0.00
78 T	n-propylbenzene	50.000	52.966	-5.9	110	0.00
79 T	2-Chlorotoluene	50.000	52.256	-4.5	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.012	-4.0	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.530	-1.1	104	0.00
82 T	4-Chlorotoluene	50.000	51.697	-3.4	109	0.00
83 T	tert-Butylbenzene	50.000	52.159	-4.3	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.945	-3.9	108	0.00
85 T	sec-Butylbenzene	50.000	51.643	-3.3	108	0.00
86 T	p-Isopropyltoluene	50.000	51.165	-2.3	106	0.00
87 T	1,3-Dichlorobenzene	50.000	50.051	-0.1	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.647	0.7	105	0.00
89 T	n-Butylbenzene	50.000	50.276	-0.6	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	44.853	10.3	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.646	2.7	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.782	6.4	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.327	1.3	101	0.00
94 T	Hexachlorobutadiene	50.000	43.579	12.8	96	0.00
95 T	Naphthalene	50.000	51.852	-3.7	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.739	2.5	101	0.00

(#) = Out of Range

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