

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121718\
 Data File : VN052915.D
 Acq On : 17 Dec 2018 9:35
 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 18 04:53:24 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	114	0.00
2 T	Dichlorodifluoromethane	50.000	49.489	1.0	113	0.00
3 P	Chloromethane	50.000	48.947	2.1	112	0.00
4 C	Vinyl Chloride	50.000	49.019	2.0#	111	0.00
5 T	Bromomethane	50.000	48.470	3.1	116	0.00
6 T	Chloroethane	50.000	49.631	0.7	115	0.00
7 T	Trichlorofluoromethane	50.000	49.439	1.1	113	0.00
8 T	Diethyl Ether	50.000	50.079	-0.2	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.472	-2.9	118	0.00
10 T	Methyl Iodide	50.000	50.261	-0.5	112	0.00
11 T	Tert butyl alcohol	250.000	227.306	9.1	110	0.00
12 CM	1,1-Dichloroethene	50.000	48.789	2.4#	110	0.00
13 T	Acrolein	250.000	128.354	48.7#	58	0.00
14 T	Allyl chloride	50.000	49.013	2.0	114	0.00
15 T	Acrylonitrile	250.000	244.176	2.3	108	0.00
16 T	Acetone	250.000	170.174	31.9#	80	0.00
17 T	Carbon Disulfide	50.000	50.326	-0.7	116	0.00
18 T	Methyl Acetate	50.000	48.563	2.9	113	0.00
19 T	Methyl tert-butyl Ether	50.000	48.609	2.8	110	0.00
20 T	Methylene Chloride	50.000	48.078	3.8	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.260	3.5	111	0.00
22 T	Diisopropyl ether	50.000	49.893	0.2	113	0.00
23 T	Vinyl Acetate	250.000	229.478	8.2	102	0.00
24 P	1,1-Dichloroethane	50.000	49.038	1.9	111	0.00
25 T	2-Butanone	250.000	207.683	16.9	96	0.00
26 T	2,2-Dichloropropane	50.000	52.278	-4.6	118	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.011	2.0	112	0.00
28 T	Bromochloromethane	50.000	50.180	-0.4	112	0.00
29 T	Tetrahydrofuran	250.000	239.414	4.2	109	0.00
30 C	Chloroform	50.000	49.367	1.3#	113	0.00
31 T	Cyclohexane	50.000	49.257	1.5	114	0.00
32 T	1,1,1-Trichloroethane	50.000	50.074	-0.1	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.478	7.0	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	40.425	19.2	94	0.00
36 T	1,1-Dichloropropene	50.000	52.146	-4.3	115	0.00
37 T	Ethyl Acetate	50.000	48.438	3.1	104	0.00
38 T	Carbon Tetrachloride	50.000	53.676	-7.4	118	0.00
39 T	Methylcyclohexane	50.000	53.707	-7.4	119	0.00
40 TM	Benzene	50.000	51.060	-2.1	112	0.00
41 T	Methacrylonitrile	50.000	53.349	-6.7	121	0.00
42 TM	1,2-Dichloroethane	50.000	50.602	-1.2	111	0.00
43 T	Isopropyl Acetate	50.000	43.145	13.7	104	0.00
44 TM	Trichloroethene	50.000	55.997	-12.0	125	0.00
45 C	1,2-Dichloropropane	50.000	51.603	-3.2#	113	0.00

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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)
46 T	Dibromomethane	50.000	50.564	-1.1	112	0.00
47 T	Bromodichloromethane	50.000	54.040	-8.1	117	0.00
48 T	Methyl methacrylate	50.000	51.184	-2.4	109	0.00
49 T	1,4-Dioxane	1000.000	1027.130	-2.7	114	0.00
50 S	Toluene-d8	50.000	50.113	-0.2	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.975	-0.4	107	0.00
52 CM	Toluene	50.000	52.979	-6.0#	115	0.00
53 T	t-1,3-Dichloropropene	50.000	56.131	-12.3	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.235	-8.5	117	0.00
55 T	1,1,2-Trichloroethane	50.000	51.227	-2.5	113	0.00
56 T	Ethyl methacrylate	50.000	51.366	-2.7	108	0.00
57 T	1,3-Dichloropropane	50.000	51.948	-3.9	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.561	1.0	105	0.00
59 T	2-Hexanone	250.000	235.273	5.9	101	0.00
60 T	Dibromochloromethane	50.000	55.398	-10.8	119	0.00
61 T	1,2-Dibromoethane	50.000	52.290	-4.6	113	0.00
62 S	4-Bromofluorobenzene	50.000	52.341	-4.7	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	66.858	-33.7#	151	0.00
65 PM	Chlorobenzene	50.000	51.572	-3.1	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.597	-5.2	118	0.00
67 C	Ethyl Benzene	50.000	52.662	-5.3#	117	0.00
68 T	m/p-Xylenes	100.000	106.277	-6.3	117	0.00
69 T	o-Xylene	50.000	52.181	-4.4	115	0.00
70 T	Styrene	50.000	54.589	-9.2	118	0.00
71 P	Bromoform	50.000	55.553	-11.1	121	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73 T	Isopropylbenzene	50.000	52.847	-5.7	118	0.00
74 T	N-amyl acetate	50.000	50.932	-1.9	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	38.863	22.3	89	0.00
76 T	1,2,3-Trichloropropane	50.000	47.872	4.3	109	0.00
77 T	Bromobenzene	50.000	52.363	-4.7	118	0.00
78 T	n-propylbenzene	50.000	54.036	-8.1	119	0.00
79 T	2-Chlorotoluene	50.000	52.178	-4.4	117	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.493	-5.0	116	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.170	-18.3	129	0.00
82 T	4-Chlorotoluene	50.000	52.526	-5.1	118	0.00
83 T	tert-Butylbenzene	50.000	51.526	-3.1	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.566	-5.1	116	0.00
85 T	sec-Butylbenzene	50.000	53.164	-6.3	118	0.00
86 T	p-Isopropyltoluene	50.000	53.307	-6.6	117	0.00
87 T	1,3-Dichlorobenzene	50.000	51.302	-2.6	115	0.00
88 T	1,4-Dichlorobenzene	50.000	51.289	-2.6	116	0.00
89 T	n-Butylbenzene	50.000	55.094	-10.2	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.009	-4.0	116	0.00
91 T	1,2-Dichlorobenzene	50.000	49.475	1.0	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.355	1.3	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.741	-1.5	111	0.00
94 T	Hexachlorobutadiene	50.000	46.927	6.1	110	0.00
95 T	Naphthalene	50.000	51.234	-2.5	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.874	2.3	107	0.00

(#) = Out of Range

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