

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN112818\
 Data File : VN052506.D
 Acq On : 28 Nov 2018 9:04
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 28 13:38:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	45.167	9.7	104	0.00
3 P	Chloromethane	50.000	43.989	12.0	99	0.00
4 C	Vinyl Chloride	50.000	44.814	10.4#	102	0.00
5 T	Bromomethane	50.000	43.535	12.9	107	0.00
6 T	Chloroethane	50.000	44.130	11.7	102	0.00
7 T	Trichlorofluoromethane	50.000	45.816	8.4	104	0.00
8 T	Diethyl Ether	50.000	45.641	8.7	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.198	5.6	108	0.00
10 T	Methyl Iodide	50.000	48.737	2.5	105	0.00
11 T	Tert butyl alcohol	250.000	228.745	8.5	103	0.00
12 CM	1,1-Dichloroethene	50.000	45.530	8.9#	103	0.00
13 T	Acrolein	250.000	193.327	22.7	86	0.00
14 T	Allyl chloride	50.000	43.949	12.1	95	0.00
15 T	Acrylonitrile	250.000	223.235	10.7	97	0.00
16 T	Acetone	250.000	249.507	0.2	112	0.00
17 T	Carbon Disulfide	50.000	44.767	10.5	102	0.00
18 T	Methyl Acetate	50.000	43.833	12.3	99	0.00
19 T	Methyl tert-butyl Ether	50.000	45.994	8.0	103	0.00
20 T	Methylene Chloride	50.000	43.152	13.7	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.461	7.1	103	0.00
22 T	Diisopropyl ether	50.000	46.083	7.8	102	0.00
23 T	Vinyl Acetate	250.000	230.622	7.8	101	0.00
24 P	1,1-Dichloroethane	50.000	45.633	8.7	102	0.00
25 T	2-Butanone	250.000	236.940	5.2	104	0.00
26 T	2,2-Dichloropropane	50.000	47.891	4.2	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.710	8.6	103	0.00
28 T	Bromochloromethane	50.000	45.647	8.7	101	0.00
29 T	Tetrahydrofuran	250.000	218.681	12.5	97	0.00
30 C	Chloroform	50.000	44.637	10.7#	103	0.00
31 T	Cyclohexane	50.000	45.689	8.6	103	0.00
32 T	1,1,1-Trichloroethane	50.000	46.886	6.2	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.517	5.0	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	49.066	1.9	105	0.00
36 T	1,1-Dichloropropene	50.000	47.859	4.3	104	0.00
37 T	Ethyl Acetate	50.000	43.556	12.9	96	0.00
38 T	Carbon Tetrachloride	50.000	47.800	4.4	104	0.00
39 T	Methylcyclohexane	50.000	49.442	1.1	107	0.00
40 TM	Benzene	50.000	47.383	5.2	102	0.00
41 T	Methacrylonitrile	50.000	42.623	14.8	88	0.00
42 TM	1,2-Dichloroethane	50.000	46.951	6.1	101	0.00
43 T	Isopropyl Acetate	50.000	46.404	7.2	101	0.00
44 TM	Trichloroethene	50.000	48.585	2.8	106	0.00
45 C	1,2-Dichloropropane	50.000	47.562	4.9#	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.393	5.2	102	0.00
47 T	Bromodichloromethane	50.000	47.629	4.7	103	0.00
48 T	Methyl methacrylate	50.000	46.784	6.4	101	0.00
49 T	1,4-Dioxane	1000.000	995.541	0.4	101	0.00
50 S	Toluene-d8	50.000	49.805	0.4	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.920	6.0	99	0.00
52 CM	Toluene	50.000	49.123	1.8#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	49.904	0.2	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.419	1.2	104	0.00
55 T	1,1,2-Trichloroethane	50.000	47.819	4.4	103	0.00
56 T	Ethyl methacrylate	50.000	44.482	11.0	103	0.00
57 T	1,3-Dichloropropane	50.000	47.383	5.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.885	3.6	102	0.00
59 T	2-Hexanone	250.000	250.840	-0.3	104	0.00
60 T	Dibromochloromethane	50.000	49.030	1.9	104	0.00
61 T	1,2-Dibromoethane	50.000	48.033	3.9	104	0.00
62 S	4-Bromofluorobenzene	50.000	50.899	-1.8	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	48.163	3.7	107	0.00
65 PM	Chlorobenzene	50.000	48.419	3.2	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.451	3.1	104	0.00
67 C	Ethyl Benzene	50.000	49.383	1.2#	105	0.00
68 T	m/p-Xylenes	100.000	99.208	0.8	104	0.00
69 T	o-Xylene	50.000	49.469	1.1	104	0.00
70 T	Styrene	50.000	50.739	-1.5	104	0.00
71 P	Bromoform	50.000	48.953	2.1	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	47.720	4.6	106	0.00
74 T	N-amyl acetate	50.000	47.513	5.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.168	11.7	100	0.00
76 T	1,2,3-Trichloropropane	50.000	43.699	12.6	101	0.00
77 T	Bromobenzene	50.000	47.007	6.0	105	0.00
78 T	n-propylbenzene	50.000	48.701	2.6	105	0.00
79 T	2-Chlorotoluene	50.000	47.270	5.5	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.285	3.4	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.131	3.7	103	0.00
82 T	4-Chlorotoluene	50.000	47.802	4.4	104	0.00
83 T	tert-Butylbenzene	50.000	47.584	4.8	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.649	2.7	105	0.00
85 T	sec-Butylbenzene	50.000	48.660	2.7	107	0.00
86 T	p-Isopropyltoluene	50.000	48.896	2.2	106	0.00
87 T	1,3-Dichlorobenzene	50.000	47.806	4.4	106	0.00
88 T	1,4-Dichlorobenzene	50.000	47.995	4.0	106	0.00
89 T	n-Butylbenzene	50.000	51.842	-3.7	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.493	5.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	47.529	4.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.517	9.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.444	7.1	107	0.00
94 T	Hexachlorobutadiene	50.000	47.702	4.6	110	0.00
95 T	Naphthalene	50.000	44.358	11.3	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.737	8.5	106	0.00

(#) = Out of Range

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