

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080218\
 Data File : VN050254.D
 Acq On : 2 Aug 2018 10:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 02 15:14:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	103	0.00
2 T	Dichlorodifluoromethane	50.000	44.185	11.6	85	0.00
3 P	Chloromethane	50.000	38.438	23.1#	82	0.00
4 C	Vinyl Chloride	50.000	40.675	18.7#	87	0.00
5 T	Bromomethane	50.000	45.188	9.6	94	0.00
6 T	Chloroethane	50.000	39.649	20.7#	87	0.00
7 T	Trichlorofluoromethane	50.000	42.745	14.5	94	0.00
8 T	Diethyl Ether	50.000	44.276	11.4	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.221	11.6	98	0.00
10 T	Methyl Iodide	50.000	19.927	60.1#	40	0.00
11 T	Tert butyl alcohol	250.000	227.815	8.9	96	-0.01
12 CM	1,1-Dichloroethene	50.000	42.368	15.3#	91	0.00
13 T	Acrolein	250.000	190.204	23.9#	74	0.00
14 T	Allyl chloride	50.000	45.489	9.0	96	0.00
15 T	Acrylonitrile	250.000	231.989	7.2	97	0.00
16 T	Acetone	250.000	279.158	-11.7	114	0.00
17 T	Carbon Disulfide	50.000	37.886	24.2#	83	0.00
18 T	Methyl Acetate	50.000	55.212	-10.4	114	0.00
19 T	Methyl tert-butyl Ether	50.000	47.764	4.5	96	0.00
20 T	Methylene Chloride	50.000	46.852	6.3	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.466	13.1	93	0.00
22 T	Diisopropyl ether	50.000	49.636	0.7	99	0.00
23 T	Vinyl Acetate	250.000	229.045	8.4	91	0.00
24 P	1,1-Dichloroethane	50.000	44.118	11.8	96	0.00
25 T	2-Butanone	250.000	244.577	2.2	101	0.00
26 T	2,2-Dichloropropane	50.000	49.457	1.1	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.625	6.8	97	0.00
28 T	Bromochloromethane	50.000	46.249	7.5	98	0.00
29 T	Tetrahydrofuran	250.000	231.092	7.6	94	0.00
30 C	Chloroform	50.000	44.260	11.5#	97	0.00
31 T	Cyclohexane	50.000	44.101	11.8	93	0.00
32 T	1,1,1-Trichloroethane	50.000	44.255	11.5	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.680	6.6	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	51.467	-2.9	102	0.00
36 T	1,1-Dichloropropene	50.000	48.909	2.2	96	0.00
37 T	Ethyl Acetate	50.000	46.547	6.9	92	0.00
38 T	Carbon Tetrachloride	50.000	47.022	6.0	95	0.00
39 T	Methylcyclohexane	50.000	50.305	-0.6	96	0.00
40 TM	Benzene	50.000	48.125	3.8	95	0.00
41 T	Methacrylonitrile	50.000	49.303	1.4	121	0.00
42 TM	1,2-Dichloroethane	50.000	46.838	6.3	95	0.00
43 T	Isopropyl Acetate	50.000	46.476	7.0	95	0.00
44 TM	Trichloroethene	50.000	46.581	6.8	96	0.00
45 C	1,2-Dichloropropane	50.000	49.205	1.6#	99	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.149	3.7	95	0.00
47 T	Bromodichloromethane	50.000	48.683	2.6	99	0.00
48 T	Methyl methacrylate	50.000	51.327	-2.7	94	0.00
49 T	1,4-Dioxane	1000.000	1052.980	-5.3	98	0.00
50 S	Toluene-d8	50.000	52.197	-4.4	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.849	-1.9	95	0.00
52 CM	Toluene	50.000	51.197	-2.4#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.955	-5.9	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.568	-5.1	101	0.00
55 T	1,1,2-Trichloroethane	50.000	49.528	0.9	99	0.00
56 T	Ethyl methacrylate	50.000	47.119	5.8	97	0.00
57 T	1,3-Dichloropropane	50.000	50.538	-1.1	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	205.647	17.7	83	0.00
59 T	2-Hexanone	250.000	248.681	0.5	99	0.00
60 T	Dibromochloromethane	50.000	51.187	-2.4	99	0.00
61 T	1,2-Dibromoethane	50.000	49.125	1.8	96	0.00
62 S	4-Bromofluorobenzene	50.000	55.445	-10.9	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	44.519	11.0	92	0.00
65 PM	Chlorobenzene	50.000	48.217	3.6	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.097	3.8	100	0.00
67 C	Ethyl Benzene	50.000	51.906	-3.8#	99	0.00
68 T	m/p-Xylenes	100.000	106.466	-6.5	99	0.00
69 T	o-Xylene	50.000	53.287	-6.6	99	0.00
70 T	Styrene	50.000	49.480	1.0	100	0.00
71 P	Bromoform	50.000	49.062	1.9	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	50.300	-0.6	101	0.00
74 T	N-amyl acetate	50.000	47.605	4.8	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.918	0.2	99	0.00
76 T	1,2,3-Trichloropropane	50.000	49.935	0.1	107	0.00
77 T	Bromobenzene	50.000	46.248	7.5	99	0.00
78 T	n-propylbenzene	50.000	52.583	-5.2	102	0.00
79 T	2-Chlorotoluene	50.000	49.711	0.6	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.362	-6.7	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.794	0.4	98	0.00
82 T	4-Chlorotoluene	50.000	51.933	-3.9	102	0.00
83 T	tert-Butylbenzene	50.000	52.854	-5.7	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.471	-8.9	102	0.00
85 T	sec-Butylbenzene	50.000	53.444	-6.9	103	0.00
86 T	p-Isopropyltoluene	50.000	55.520	-11.0	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.256	1.5	101	0.00
88 T	1,4-Dichlorobenzene	50.000	49.379	1.2	101	0.00
89 T	n-Butylbenzene	50.000	55.694	-11.4	105	0.00

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90 T	Hexachloroethane	50.000	46.061	7.9	103	0.00
91 T	1,2-Dichlorobenzene	50.000	47.880	4.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.164	7.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.401	7.2	99	0.00
94 T	Hexachlorobutadiene	50.000	49.658	0.7	108	0.00
95 T	Naphthalene	50.000	42.239	15.5	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.864	6.3	99	0.00

(#) = Out of Range

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