

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050119\
 Data File : VN055317.D
 Acq On : 1 May 2019 9:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 02 08:23:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	48.736	2.5	88	0.00
3 P	Chloromethane	50.000	45.123	9.8	87	0.00
4 C	Vinyl Chloride	50.000	45.625	8.8#	89	0.00
5 T	Bromomethane	50.000	45.270	9.5	86	0.00
6 T	Chloroethane	50.000	44.607	10.8	89	0.00
7 T	Trichlorofluoromethane	50.000	46.590	6.8	92	0.00
8 T	Diethyl Ether	50.000	46.017	8.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.602	6.8	91	0.00
10 T	Methyl Iodide	50.000	47.659	4.7	88	0.00
11 T	Tert butyl alcohol	250.000	224.265	10.3	85	0.00
12 CM	1,1-Dichloroethene	50.000	46.701	6.6#	91	0.00
13 T	Acrolein	250.000	225.791	9.7	81	0.00
14 T	Allyl chloride	50.000	46.482	7.0	89	0.00
15 T	Acrylonitrile	250.000	234.578	6.2	87	0.00
16 T	Acetone	250.000	253.732	-1.5	102	0.00
17 T	Carbon Disulfide	50.000	46.874	6.3	87	0.00
18 T	Methyl Acetate	50.000	48.948	2.1	90	0.00
19 T	Methyl tert-butyl Ether	50.000	46.738	6.5	87	0.00
20 T	Methylene Chloride	50.000	43.094	13.8	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.117	7.8	89	0.00
22 T	Diisopropyl ether	50.000	48.168	3.7	90	0.00
23 T	Vinyl Acetate	250.000	246.401	1.4	87	0.00
24 P	1,1-Dichloroethane	50.000	46.429	7.1	91	0.00
25 T	2-Butanone	250.000	247.168	1.1	90	0.00
26 T	2,2-Dichloropropane	50.000	47.165	5.7	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.323	5.4	90	0.00
28 T	Bromochloromethane	50.000	46.548	6.9	91	0.00
29 T	Tetrahydrofuran	250.000	236.889	5.2	87	0.00
30 C	Chloroform	50.000	46.278	7.4#	90	0.00
31 T	Cyclohexane	50.000	44.658	10.7	89	0.00
32 T	1,1,1-Trichloroethane	50.000	47.164	5.7	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.225	5.5	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	48.724	2.6	91	0.00
36 T	1,1-Dichloropropene	50.000	47.984	4.0	92	0.00
37 T	Ethyl Acetate	50.000	46.032	7.9	87	0.00
38 T	Carbon Tetrachloride	50.000	47.166	5.7	91	0.00
39 T	Methylcyclohexane	50.000	49.263	1.5	91	0.00
40 TM	Benzene	50.000	48.475	3.0	89	0.00
41 T	Methacrylonitrile	50.000	51.703	-3.4	92	0.00
42 TM	1,2-Dichloroethane	50.000	47.179	5.6	89	0.00
43 T	Isopropyl Acetate	50.000	50.174	-0.3	88	0.00
44 TM	Trichloroethene	50.000	47.123	5.8	89	0.00
45 C	1,2-Dichloropropane	50.000	48.257	3.5#	90	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.048	3.9	90	0.00
47 T	Bromodichloromethane	50.000	49.238	1.5	91	0.00
48 T	Methyl methacrylate	50.000	47.543	4.9	84	0.00
49 T	1,4-Dioxane	1000.000	1049.607	-5.0	95	0.00
50 S	Toluene-d8	50.000	49.077	1.8	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.434	1.0	88	0.00
52 CM	Toluene	50.000	49.651	0.7#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	53.183	-6.4	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.824	-3.6	89	0.00
55 T	1,1,2-Trichloroethane	50.000	49.218	1.6	90	0.00
56 T	Ethyl methacrylate	50.000	50.657	-1.3	86	0.00
57 T	1,3-Dichloropropane	50.000	49.680	0.6	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.507	5.0	94	0.00
59 T	2-Hexanone	250.000	258.747	-3.5	92	0.00
60 T	Dibromochloromethane	50.000	51.093	-2.2	88	0.00
61 T	1,2-Dibromoethane	50.000	50.318	-0.6	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.258	-6.5	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	47.674	4.7	94	0.00
65 PM	Chlorobenzene	50.000	48.610	2.8	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.843	6.3	87	0.00
67 C	Ethyl Benzene	50.000	49.953	0.1#	90	0.00
68 T	m/p-Xylenes	100.000	103.265	-3.3	93	0.00
69 T	o-Xylene	50.000	51.006	-2.0	93	0.00
70 T	Styrene	50.000	54.918	-9.8	92	0.00
71 P	Bromoform	50.000	53.472	-6.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	50.727	-1.5	92	0.00
74 T	N-amyl acetate	50.000	47.630	4.7	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.510	3.0	88	0.00
76 T	1,2,3-Trichloropropane	50.000	41.713	16.6	77	0.00
77 T	Bromobenzene	50.000	50.454	-0.9	93	0.00
78 T	n-propylbenzene	50.000	44.170	11.7	93	0.00
79 T	2-Chlorotoluene	50.000	51.476	-3.0	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.164	11.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.054	5.9	94	0.00
82 T	4-Chlorotoluene	50.000	45.535	8.9	96	0.00
83 T	tert-Butylbenzene	50.000	52.093	-4.2	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.148	5.7	95	0.00
85 T	sec-Butylbenzene	50.000	44.243	11.5	95	0.00
86 T	p-Isopropyltoluene	50.000	47.025	6.0	96	0.00
87 T	1,3-Dichlorobenzene	50.000	48.578	2.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.477	1.0	97	0.00
89 T	n-Butylbenzene	50.000	53.260	-6.5	99	0.00

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90 T	Hexachloroethane	50.000	49.407	1.2	92	0.00
91 T	1,2-Dichlorobenzene	50.000	47.848	4.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.645	-3.3	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.500	5.0	97	0.00
94 T	Hexachlorobutadiene	50.000	59.906	-19.8	107	0.00
95 T	Naphthalene	50.000	42.500	15.0	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.565	2.9	97	0.00

(#) = Out of Range

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