

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060319\  
 Data File : VN055950.D  
 Acq On : 3 Jun 2019 9:55  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 03 17:12:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 24 06:41:54 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	46.200	7.6	89	0.00
3 P	Chloromethane	50.000	46.500	7.0	87	0.00
4 C	Vinyl Chloride	50.000	45.783	8.4#	86	0.00
5 T	Bromomethane	50.000	59.956	-19.9	105	0.00
6 T	Chloroethane	50.000	48.584	2.8	88	0.00
7 T	Trichlorofluoromethane	50.000	49.506	1.0	92	0.00
8 T	Diethyl Ether	50.000	48.198	3.6	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.563	-5.1	98	0.00
10 T	Methyl Iodide	50.000	51.825	-3.7	90	0.00
11 T	Tert butyl alcohol	250.000	245.305	1.9	86	0.00
12 CM	1,1-Dichloroethene	50.000	48.737	2.5#	91	0.00
13 T	Acrolein	250.000	256.188	-2.5	97	0.00
14 T	Allyl chloride	50.000	49.633	0.7	93	0.00
15 T	Acrylonitrile	250.000	262.755	-5.1	96	0.00
16 T	Acetone	250.000	278.232	-11.3	103	0.00
17 T	Carbon Disulfide	50.000	39.364	21.3	75	0.00
18 T	Methyl Acetate	50.000	57.057	-14.1	102	0.00
19 T	Methyl tert-butyl Ether	50.000	51.364	-2.7	96	0.00
20 T	Methylene Chloride	50.000	50.016	-0.0	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.392	1.2	93	0.00
22 T	Diisopropyl ether	50.000	52.363	-4.7	97	0.00
23 T	Vinyl Acetate	250.000	251.552	-0.6	92	0.00
24 P	1,1-Dichloroethane	50.000	50.696	-1.4	95	0.00
25 T	2-Butanone	250.000	267.196	-6.9	98	0.00
26 T	2,2-Dichloropropane	50.000	48.718	2.6	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.635	-3.3	95	0.00
28 T	Bromochloromethane	50.000	50.276	-0.6	92	0.00
29 T	Tetrahydrofuran	250.000	255.161	-2.1	93	0.00
30 C	Chloroform	50.000	51.415	-2.8#	95	0.00
31 T	Cyclohexane	50.000	48.260	3.5	91	0.00
32 T	1,1,1-Trichloroethane	50.000	48.622	2.8	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.968	2.1	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	48.820	2.4	88	0.00
36 T	1,1-Dichloropropene	50.000	49.707	0.6	95	0.00
37 T	Ethyl Acetate	50.000	51.282	-2.6	94	0.00
38 T	Carbon Tetrachloride	50.000	45.940	8.1	87	0.00
39 T	Methylcyclohexane	50.000	50.717	-1.4	96	0.00
40 TM	Benzene	50.000	51.167	-2.3	95	0.00
41 T	Methacrylonitrile	50.000	45.089	9.8	86	0.00
42 TM	1,2-Dichloroethane	50.000	50.148	-0.3	94	0.00
43 T	Isopropyl Acetate	50.000	49.340	1.3	92	0.00
44 TM	Trichloroethene	50.000	52.044	-4.1	96	0.00
45 C	1,2-Dichloropropane	50.000	52.807	-5.6#	97	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	52.031	-4.1	95	0.00
47 T	Bromodichloromethane	50.000	49.165	1.7	91	0.00
48 T	Methyl methacrylate	50.000	51.570	-3.1	93	0.00
49 T	1,4-Dioxane	1000.000	1072.985	-7.3	99	0.00
50 S	Toluene-d8	50.000	48.430	3.1	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.722	-4.3	94	0.00
52 CM	Toluene	50.000	51.713	-3.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	50.287	-0.6	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.752	-1.5	92	0.00
55 T	1,1,2-Trichloroethane	50.000	52.769	-5.5	97	0.00
56 T	Ethyl methacrylate	50.000	51.386	-2.8	92	0.00
57 T	1,3-Dichloropropane	50.000	52.886	-5.8	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.785	4.9	85	0.00
59 T	2-Hexanone	250.000	263.845	-5.5	94	0.00
60 T	Dibromochloromethane	50.000	48.309	3.4	88	0.00
61 T	1,2-Dibromoethane	50.000	52.520	-5.0	96	0.00
62 S	4-Bromofluorobenzene	50.000	50.067	-0.1	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	49.956	0.1	96	0.00
65 PM	Chlorobenzene	50.000	51.318	-2.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.922	4.2	91	0.00
67 C	Ethyl Benzene	50.000	51.014	-2.0#	96	0.00
68 T	m/p-Xylenes	100.000	103.382	-3.4	97	0.00
69 T	o-Xylene	50.000	51.100	-2.2	96	0.00
70 T	Styrene	50.000	53.074	-6.1	95	0.00
71 P	Bromoform	50.000	44.903	10.2	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	55.328	-10.7	98	0.00
74 T	N-amyl acetate	50.000	52.010	-4.0	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.891	-11.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	55.306	-10.6	95	0.00
77 T	Bromobenzene	50.000	48.515	3.0	96	0.00
78 T	n-propylbenzene	50.000	49.939	0.1	100	0.00
79 T	2-Chlorotoluene	50.000	55.592	-11.2	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.961	-9.9	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.383	11.2	84	0.00
82 T	4-Chlorotoluene	50.000	49.799	0.4	97	0.00
83 T	tert-Butylbenzene	50.000	56.363	-12.7	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.626	-9.3	97	0.00
85 T	sec-Butylbenzene	50.000	57.433	-14.9	101	0.00
86 T	p-Isopropyltoluene	50.000	50.325	-0.7	100	0.00
87 T	1,3-Dichlorobenzene	50.000	51.901	-3.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	52.318	-4.6	99	0.00
89 T	n-Butylbenzene	50.000	52.192	-4.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	43.088	13.8	86	0.00
91 T	1,2-Dichlorobenzene	50.000	50.534	-1.1	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.783	14.4	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.773	4.5	98	0.00
94 T	Hexachlorobutadiene	50.000	55.414	-10.8	101	0.00
95 T	Naphthalene	50.000	51.163	-2.3	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.674	-7.3	98	0.00

(#) = Out of Range

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