

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN112519\
 Data File : VN059380.D
 Acq On : 25 Nov 2019 13:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 25 17:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	48.545	2.9	89	0.00
3 P	Chloromethane	50.000	48.067	3.9	92	0.00
4 C	Vinyl Chloride	50.000	49.803	0.4#	91	0.00
5 T	Bromomethane	50.000	49.237	1.5	95	0.00
6 T	Chloroethane	50.000	46.428	7.1	92	0.00
7 T	Trichlorofluoromethane	50.000	46.046	7.9	89	0.00
8 T	Diethyl Ether	50.000	50.620	-1.2	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.312	1.4	94	0.00
10 T	Methyl Iodide	50.000	54.558	-9.1	98	0.00
11 T	Tert butyl alcohol	250.000	244.323	2.3	91	0.00
12 CM	1,1-Dichloroethene	50.000	48.792	2.4#	93	0.00
13 T	Acrolein	250.000	209.547	16.2	79	0.00
14 T	Allyl chloride	50.000	49.195	1.6	93	0.00
15 T	Acrylonitrile	250.000	242.369	3.1	91	0.00
16 T	Acetone	250.000	307.276	-22.9	117	0.00
17 T	Carbon Disulfide	50.000	47.958	4.1	90	0.00
18 T	Methyl Acetate	50.000	48.454	3.1	90	0.00
19 T	Methyl tert-butyl Ether	50.000	51.002	-2.0	94	0.00
20 T	Methylene Chloride	50.000	51.237	-2.5	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.081	-0.2	94	0.00
22 T	Diisopropyl ether	50.000	50.326	-0.7	93	0.00
23 T	Vinyl Acetate	250.000	251.568	-0.6	91	0.00
24 P	1,1-Dichloroethane	50.000	50.307	-0.6	93	0.00
25 T	2-Butanone	250.000	260.863	-4.3	96	0.00
26 T	2,2-Dichloropropane	50.000	50.052	-0.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.768	0.5	94	0.00
28 T	Bromochloromethane	50.000	50.234	-0.5	98	0.00
29 T	Tetrahydrofuran	250.000	232.862	6.9	86	0.00
30 C	Chloroform	50.000	49.013	2.0#	92	0.00
31 T	Cyclohexane	50.000	46.548	6.9	90	0.00
32 T	1,1,1-Trichloroethane	50.000	48.887	2.2	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.713	-1.4	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	53.223	-6.4	96	0.00
36 T	1,1-Dichloropropene	50.000	49.978	0.0	92	0.00
37 T	Ethyl Acetate	50.000	47.800	4.4	89	0.00
38 T	Carbon Tetrachloride	50.000	50.179	-0.4	92	0.00
39 T	Methylcyclohexane	50.000	50.907	-1.8	93	0.00
40 TM	Benzene	50.000	51.602	-3.2	94	0.00
41 T	Methacrylonitrile	50.000	45.671	8.7	78	-0.01
42 TM	1,2-Dichloroethane	50.000	50.245	-0.5	93	0.00
43 T	Isopropyl Acetate	50.000	49.904	0.2	90	0.00
44 TM	Trichloroethene	50.000	51.590	-3.2	96	0.00
45 C	1,2-Dichloropropane	50.000	51.640	-3.3#	95	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	50.874	-1.7	94	0.00
47 T	Bromodichloromethane	50.000	52.048	-4.1	94	0.00
48 T	Methyl methacrylate	50.000	49.972	0.1	90	0.00
49 T	1,4-Dioxane	1000.000	1245.102	-24.5	117	0.00
50 S	Toluene-d8	50.000	54.411	-8.8	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.523	-4.6	89	0.00
52 CM	Toluene	50.000	52.208	-4.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	52.726	-5.5	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.425	-6.8	97	0.00
55 T	1,1,2-Trichloroethane	50.000	52.659	-5.3	97	0.00
56 T	Ethyl methacrylate	50.000	49.515	1.0	96	0.00
57 T	1,3-Dichloropropane	50.000	52.503	-5.0	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.691	-12.7	121	0.00
59 T	2-Hexanone	250.000	271.990	-8.8	93	0.00
60 T	Dibromochloromethane	50.000	54.097	-8.2	96	0.00
61 T	1,2-Dibromoethane	50.000	52.404	-4.8	95	0.00
62 S	4-Bromofluorobenzene	50.000	56.388	-12.8	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	50.663	-1.3	98	0.00
65 PM	Chlorobenzene	50.000	51.511	-3.0	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.853	-5.7	98	0.00
67 C	Ethyl Benzene	50.000	52.741	-5.5#	98	0.00
68 T	m/p-Xylenes	100.000	106.324	-6.3	98	0.00
69 T	o-Xylene	50.000	53.117	-6.2	99	0.00
70 T	Styrene	50.000	55.614	-11.2	100	0.00
71 P	Bromoform	50.000	54.323	-8.6	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	50.248	-0.5	98	0.00
74 T	N-amyl acetate	50.000	50.683	-1.4	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.117	3.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	54.188	-8.4	109	0.00
77 T	Bromobenzene	50.000	49.779	0.4	99	0.00
78 T	n-propylbenzene	50.000	52.224	-4.4	99	0.00
79 T	2-Chlorotoluene	50.000	49.476	1.0	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.741	-1.5	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.430	-4.9	99	0.00
82 T	4-Chlorotoluene	50.000	49.943	0.1	101	0.00
83 T	tert-Butylbenzene	50.000	51.464	-2.9	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.540	-3.1	100	0.00
85 T	sec-Butylbenzene	50.000	51.667	-3.3	100	0.00
86 T	p-Isopropyltoluene	50.000	52.642	-5.3	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.691	-1.4	103	0.00
88 T	1,4-Dichlorobenzene	50.000	50.753	-1.5	103	0.00
89 T	n-Butylbenzene	50.000	53.087	-6.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.912	0.2	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.699	-1.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.299	15.4	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.399	3.2	103	0.00
94 T	Hexachlorobutadiene	50.000	50.107	-0.2	106	0.00
95 T	Naphthalene	50.000	45.688	8.6	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.159	3.7	100	0.00

(#) = Out of Range

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