

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121019\
 Data File : VN059552.D
 Acq On : 10 Dec 2019 17:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 06:59:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	47.826	4.3	112	0.00
3 P	Chloromethane	50.000	49.781	0.4	115	0.00
4 C	Vinyl Chloride	50.000	49.794	0.4#	114	0.00
5 T	Bromomethane	50.000	48.358	3.3	114	0.00
6 T	Chloroethane	50.000	49.074	1.9	115	0.00
7 T	Trichlorofluoromethane	50.000	49.041	1.9	113	0.00
8 T	Diethyl Ether	50.000	45.686	8.6	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.989	6.0	113	0.00
10 T	Methyl Iodide	50.000	47.614	4.8	115	0.00
11 T	Tert butyl alcohol	250.000	263.814	-5.5	128	0.00
12 CM	1,1-Dichloroethene	50.000	46.616	6.8#	116	0.00
13 T	Acrolein	250.000	361.798	-44.7#	245	0.00
14 T	Allyl chloride	50.000	49.106	1.8	114	0.00
15 T	Acrylonitrile	250.000	259.362	-3.7	117	0.00
16 T	Acetone	250.000	227.515	9.0	116	0.00
17 T	Carbon Disulfide	50.000	47.734	4.5	110	0.00
18 T	Methyl Acetate	50.000	48.431	3.1	117	0.00
19 T	Methyl tert-butyl Ether	50.000	51.717	-3.4	116	0.00
20 T	Methylene Chloride	50.000	49.632	0.7	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.462	1.1	116	0.00
22 T	Diisopropyl ether	50.000	51.824	-3.6	116	0.00
23 T	Vinyl Acetate	250.000	272.131	-8.9	117	0.00
24 P	1,1-Dichloroethane	50.000	50.195	-0.4	116	0.00
25 T	2-Butanone	250.000	258.119	-3.2	115	0.00
26 T	2,2-Dichloropropane	50.000	49.011	2.0	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.162	-0.3	115	0.00
28 T	Bromochloromethane	50.000	52.846	-5.7	122	0.00
29 T	Tetrahydrofuran	250.000	250.495	-0.2	117	0.00
30 C	Chloroform	50.000	50.617	-1.2#	116	0.00
31 T	Cyclohexane	50.000	47.177	5.6	114	0.00
32 T	1,1,1-Trichloroethane	50.000	50.367	-0.7	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.600	0.8	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	51.523	-3.0	113	0.00
36 T	1,1-Dichloropropene	50.000	49.772	0.5	115	0.00
37 T	Ethyl Acetate	50.000	48.587	2.8	116	0.00
38 T	Carbon Tetrachloride	50.000	51.216	-2.4	116	0.00
39 T	Methylcyclohexane	50.000	51.811	-3.6	114	0.00
40 TM	Benzene	50.000	50.435	-0.9	114	0.00
41 T	Methacrylonitrile	50.000	50.356	-0.7	106	0.00
42 TM	1,2-Dichloroethane	50.000	51.764	-3.5	114	0.00
43 T	Isopropyl Acetate	50.000	52.053	-4.1	115	0.00
44 TM	Trichloroethene	50.000	49.933	0.1	114	0.00
45 C	1,2-Dichloropropane	50.000	51.321	-2.6#	115	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	52.463	-4.9	121	0.00
47 T	Bromodichloromethane	50.000	52.274	-4.5	116	0.00
48 T	Methyl methacrylate	50.000	55.827	-11.7	121	0.00
49 T	1,4-Dioxane	1000.000	1291.540	-29.2#	148	0.00
50 S	Toluene-d8	50.000	49.420	1.2	114	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.549	-3.0	118	0.00
52 CM	Toluene	50.000	52.626	-5.3#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	51.838	-3.7	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.258	-6.5	116	0.00
55 T	1,1,2-Trichloroethane	50.000	51.941	-3.9	118	0.00
56 T	Ethyl methacrylate	50.000	46.723	6.6	119	0.00
57 T	1,3-Dichloropropane	50.000	52.285	-4.6	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	313.584	-25.4#	258	0.00
59 T	2-Hexanone	250.000	254.307	-1.7	117	0.00
60 T	Dibromochloromethane	50.000	47.290	5.4	116	0.00
61 T	1,2-Dibromoethane	50.000	51.625	-3.3	116	0.00
62 S	4-Bromofluorobenzene	50.000	58.919	-17.8	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	47.399	5.2	112	0.00
65 PM	Chlorobenzene	50.000	49.802	0.4	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.416	-0.8	106	0.00
67 C	Ethyl Benzene	50.000	50.930	-1.9#	104	0.00
68 T	m/p-Xylenes	100.000	100.787	-0.8	97	0.00
69 T	o-Xylene	50.000	51.369	-2.7	98	0.00
70 T	Styrene	50.000	51.391	-2.8	98	0.00
71 P	Bromoform	50.000	56.117	-12.2	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	50.618	-1.2	118	0.00
74 T	N-amyl acetate	50.000	54.330	-8.7	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.326	1.3	111	0.00
76 T	1,2,3-Trichloropropane	50.000	53.199	-6.4	126	0.00
77 T	Bromobenzene	50.000	52.973	-5.9	117	0.00
78 T	n-propylbenzene	50.000	53.515	-7.0	119	0.00
79 T	2-Chlorotoluene	50.000	52.048	-4.1	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.569	-9.1	116	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.052	-8.1	125	0.00
82 T	4-Chlorotoluene	50.000	53.228	-6.5	116	0.00
83 T	tert-Butylbenzene	50.000	55.201	-10.4	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.824	-9.6	114	0.00
85 T	sec-Butylbenzene	50.000	47.450	5.1	99	0.00
86 T	p-Isopropyltoluene	50.000	49.293	1.4	100	0.00
87 T	1,3-Dichlorobenzene	50.000	46.914	6.2	100	0.00
88 T	1,4-Dichlorobenzene	50.000	47.965	4.1	100	0.00
89 T	n-Butylbenzene	50.000	48.151	3.7	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.988	2.0	101	0.00
91 T	1,2-Dichlorobenzene	50.000	49.632	0.7	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.536	10.9	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.964	-5.9	110	0.00
94 T	Hexachlorobutadiene	50.000	55.906	-11.8	109	0.00
95 T	Naphthalene	50.000	51.240	-2.5	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.105	-2.2	107	0.00

(#) = Out of Range

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