

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121919\
 Data File : VN059673.D
 Acq On : 19 Dec 2019 17:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 03:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	125	0.00
2 T	Dichlorodifluoromethane	50.000	41.282	17.4	111	0.00
3 P	Chloromethane	50.000	29.244	41.5#	76	0.00
4 C	Vinyl Chloride	50.000	30.050	39.9#	79	0.00
5 T	Bromomethane	50.000	38.050	23.9	100	0.01
6 T	Chloroethane	50.000	37.348	25.3#	99	0.00
7 T	Trichlorofluoromethane	50.000	37.866	24.3	94	0.00
8 T	Diethyl Ether	50.000	44.694	10.6	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.558	0.9	131	0.00
10 T	Methyl Iodide	50.000	52.517	-5.0	132	0.00
11 T	Tert butyl alcohol	250.000	205.757	17.7	111	0.00
12 CM	1,1-Dichloroethene	50.000	50.825	-1.7#	133	0.00
13 T	Acrolein	250.000	244.233	2.3	118	0.00
14 T	Allyl chloride	50.000	43.856	12.3	118	0.00
15 T	Acrylonitrile	250.000	233.475	6.6	119	0.00
16 T	Acetone	250.000	178.965	28.4#	93	0.00
17 T	Carbon Disulfide	50.000	46.168	7.7	133	0.00
18 T	Methyl Acetate	50.000	43.609	12.8	117	0.00
19 T	Methyl tert-butyl Ether	50.000	44.479	11.0	114	0.00
20 T	Methylene Chloride	50.000	46.674	6.7	124	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.449	13.1	115	0.00
22 T	Diisopropyl ether	50.000	52.903	-5.8	134	0.00
23 T	Vinyl Acetate	250.000	280.515	-12.2	135	0.00
24 P	1,1-Dichloroethane	50.000	51.340	-2.7	132	0.00
25 T	2-Butanone	250.000	226.193	9.5	116	0.00
26 T	2,2-Dichloropropane	50.000	45.687	8.6	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.160	-2.3	130	0.00
28 T	Bromochloromethane	50.000	49.997	0.0	128	0.00
29 T	Tetrahydrofuran	250.000	249.803	0.1	129	0.00
30 C	Chloroform	50.000	47.995	4.0#	123	0.00
31 T	Cyclohexane	50.000	48.905	2.2	131	0.00
32 T	1,1,1-Trichloroethane	50.000	44.897	10.2	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.089	15.8	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	51.948	-3.9	120	0.00
36 T	1,1-Dichloropropene	50.000	53.431	-6.9	124	0.00
37 T	Ethyl Acetate	50.000	54.709	-9.4	130	0.00
38 T	Carbon Tetrachloride	50.000	48.820	2.4	115	0.00
39 T	Methylcyclohexane	50.000	48.386	3.2	110	0.00
40 TM	Benzene	50.000	55.908	-11.8	129	0.00
41 T	Methacrylonitrile	50.000	59.879	-19.8	136	0.00
42 TM	1,2-Dichloroethane	50.000	48.050	3.9	110	0.00
43 T	Isopropyl Acetate	50.000	53.532	-7.1	122	0.00
44 TM	Trichloroethene	50.000	47.699	4.6	113	0.00
45 C	1,2-Dichloropropane	50.000	49.412	1.2#	116	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	44.871	10.3	105	0.00
47 T	Bromodichloromethane	50.000	47.172	5.7	108	0.00
48 T	Methyl methacrylate	50.000	43.365	13.3	99	0.00
49 T	1,4-Dioxane	1000.000	939.194	6.1	99	0.00
50 S	Toluene-d8	50.000	53.198	-6.4	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.621	-12.2	122	0.00
52 CM	Toluene	50.000	53.800	-7.6#	126	0.00
53 T	t-1,3-Dichloropropene	50.000	44.278	11.4	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.346	-14.7	130	0.00
55 T	1,1,2-Trichloroethane	50.000	48.018	4.0	111	0.00
56 T	Ethyl methacrylate	50.000	50.457	-0.9	109	0.00
57 T	1,3-Dichloropropane	50.000	50.234	-0.5	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	375.264	-50.1#	136	0.00
59 T	2-Hexanone	250.000	218.928	12.4	94	0.00
60 T	Dibromochloromethane	50.000	49.575	0.8	112	0.00
61 T	1,2-Dibromoethane	50.000	53.751	-7.5	125	0.00
62 S	4-Bromofluorobenzene	50.000	53.570	-7.1	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	48.261	3.5	107	0.00
65 PM	Chlorobenzene	50.000	59.195	-18.4	125	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.346	-14.7	120	0.00
67 C	Ethyl Benzene	50.000	58.644	-17.3#	121	0.00
68 T	m/p-Xylenes	100.000	106.580	-6.6	110	0.00
69 T	o-Xylene	50.000	52.669	-5.3	108	0.00
70 T	Styrene	50.000	54.648	-9.3	109	0.00
71 P	Bromoform	50.000	63.309	-26.6#	126	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	56.056	-12.1	123	0.00
74 T	N-amyl acetate	50.000	56.577	-13.2	119	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.833	-11.7	122	0.00
76 T	1,2,3-Trichloropropane	50.000	55.396	-10.8	123	0.00
77 T	Bromobenzene	50.000	55.954	-11.9	127	0.00
78 T	n-propylbenzene	50.000	56.301	-12.6	122	0.00
79 T	2-Chlorotoluene	50.000	55.042	-10.1	123	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.853	-11.7	122	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.296	-14.6	127	0.00
82 T	4-Chlorotoluene	50.000	54.524	-9.0	121	0.00
83 T	tert-Butylbenzene	50.000	53.038	-6.1	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.661	-9.3	118	0.00
85 T	sec-Butylbenzene	50.000	48.989	2.0	106	0.00
86 T	p-Isopropyltoluene	50.000	49.765	0.5	107	0.00
87 T	1,3-Dichlorobenzene	50.000	48.035	3.9	109	0.00
88 T	1,4-Dichlorobenzene	50.000	48.828	2.3	113	0.00
89 T	n-Butylbenzene	50.000	47.741	4.5	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.696	2.6	106	0.00
91 T	1,2-Dichlorobenzene	50.000	49.201	1.6	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.622	18.8	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.583	8.8	108	0.00
94 T	Hexachlorobutadiene	50.000	49.197	1.6	122	0.00
95 T	Naphthalene	50.000	42.022	16.0	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	42.164	15.7	105	0.00

(#) = Out of Range

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