

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082219\
 Data File : VN057460.D
 Acq On : 23 Aug 2019 3:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 06:00:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	50.616	-1.2	92	0.00
3 P	Chloromethane	50.000	48.347	3.3	94	0.00
4 C	Vinyl Chloride	50.000	50.564	-1.1#	96	0.00
5 T	Bromomethane	50.000	48.390	3.2	95	0.00
6 T	Chloroethane	50.000	50.068	-0.1	98	0.00
7 T	Trichlorofluoromethane	50.000	49.205	1.6	96	0.00
8 T	Diethyl Ether	50.000	53.156	-6.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	34.078	31.8#	63	0.00
10 T	Methyl Iodide	50.000	50.992	-2.0	93	0.00
11 T	Tert butyl alcohol	250.000	236.252	5.5	92	0.00
12 CM	1,1-Dichloroethene	50.000	40.254	19.5#	79	0.00
13 T	Acrolein	250.000	292.807	-17.1	109	0.00
14 T	Allyl chloride	50.000	48.603	2.8	90	0.00
15 T	Acrylonitrile	250.000	252.343	-0.9	95	0.00
16 T	Acetone	250.000	151.122	39.6#	86	0.00
17 T	Carbon Disulfide	50.000	46.494	7.0	93	0.00
18 T	Methyl Acetate	50.000	55.504	-11.0	102	0.00
19 T	Methyl tert-butyl Ether	50.000	47.500	5.0	94	0.00
20 T	Methylene Chloride	50.000	50.730	-1.5	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.785	6.4	94	0.00
22 T	Diisopropyl ether	50.000	50.666	-1.3	97	0.00
23 T	Vinyl Acetate	250.000	246.184	1.5	94	0.00
24 P	1,1-Dichloroethane	50.000	48.537	2.9	95	0.00
25 T	2-Butanone	250.000	247.244	1.1	96	0.00
26 T	2,2-Dichloropropane	50.000	35.250	29.5#	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.132	3.7	95	0.00
28 T	Bromochloromethane	50.000	53.412	-6.8	95	0.00
29 T	Tetrahydrofuran	250.000	250.311	-0.1	96	0.00
30 C	Chloroform	50.000	51.045	-2.1#	95	0.00
31 T	Cyclohexane	50.000	48.285	3.4	93	0.00
32 T	1,1,1-Trichloroethane	50.000	48.567	2.9	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.276	-4.6	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	49.128	1.7	96	0.00
36 T	1,1-Dichloropropene	50.000	46.064	7.9	95	0.00
37 T	Ethyl Acetate	50.000	49.049	1.9	99	0.00
38 T	Carbon Tetrachloride	50.000	45.191	9.6	93	0.00
39 T	Methylcyclohexane	50.000	46.865	6.3	94	0.00
40 TM	Benzene	50.000	46.048	7.9	95	0.00
41 T	Methacrylonitrile	50.000	55.643	-11.3	117	0.00
42 TM	1,2-Dichloroethane	50.000	46.540	6.9	97	0.00
43 T	Isopropyl Acetate	50.000	46.816	6.4	95	0.00
44 TM	Trichloroethene	50.000	46.961	6.1	94	0.00
45 C	1,2-Dichloropropane	50.000	46.535	6.9#	98	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	48.890	2.2	95	0.00
47 T	Bromodichloromethane	50.000	45.838	8.3	96	0.00
48 T	Methyl methacrylate	50.000	48.274	3.5	97	0.00
49 T	1,4-Dioxane	1000.000	949.407	5.1	100	0.00
50 S	Toluene-d8	50.000	50.792	-1.6	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.217	2.3	98	0.00
52 CM	Toluene	50.000	48.975	2.0#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	44.826	10.3	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.451	13.1	91	0.00
55 T	1,1,2-Trichloroethane	50.000	45.958	8.1	96	0.00
56 T	Ethyl methacrylate	50.000	49.869	0.3	98	0.00
57 T	1,3-Dichloropropane	50.000	47.300	5.4	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.387	3.8	102	0.00
59 T	2-Hexanone	250.000	245.751	1.7	98	0.00
60 T	Dibromochloromethane	50.000	46.719	6.6	95	0.00
61 T	1,2-Dibromoethane	50.000	47.546	4.9	94	0.00
62 S	4-Bromofluorobenzene	50.000	51.158	-2.3	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	47.118	5.8	98	0.00
65 PM	Chlorobenzene	50.000	46.215	7.6	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.681	6.6	95	0.00
67 C	Ethyl Benzene	50.000	48.194	3.6#	96	0.00
68 T	m/p-Xylenes	100.000	99.230	0.8	95	0.00
69 T	o-Xylene	50.000	48.790	2.4	94	0.00
70 T	Styrene	50.000	51.322	-2.6	95	0.00
71 P	Bromoform	50.000	47.055	5.9	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	50.845	-1.7	95	0.00
74 T	N-amyl acetate	50.000	49.989	0.0	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.691	-1.4	97	0.00
76 T	1,2,3-Trichloropropane	50.000	53.579	-7.2	98	0.00
77 T	Bromobenzene	50.000	50.502	-1.0	96	0.00
78 T	n-propylbenzene	50.000	49.875	0.3	96	0.00
79 T	2-Chlorotoluene	50.000	51.040	-2.1	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.127	-2.3	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.270	13.5	86	0.00
82 T	4-Chlorotoluene	50.000	50.122	-0.2	97	0.00
83 T	tert-Butylbenzene	50.000	50.795	-1.6	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.700	6.6	97	0.00
85 T	sec-Butylbenzene	50.000	50.435	-0.9	95	0.00
86 T	p-Isopropyltoluene	50.000	44.673	10.7	95	0.00
87 T	1,3-Dichlorobenzene	50.000	45.936	8.1	96	0.00
88 T	1,4-Dichlorobenzene	50.000	45.321	9.4	95	0.00
89 T	n-Butylbenzene	50.000	46.237	7.5	94	0.00

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90 T	Hexachloroethane	50.000	50.020	-0.0	95	0.00
91 T	1,2-Dichlorobenzene	50.000	47.480	5.0	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.989	4.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.262	21.5	93	0.00
94 T	Hexachlorobutadiene	50.000	47.436	5.1	92	0.00
95 T	Naphthalene	50.000	41.972	16.1	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	40.329	19.3	96	0.00

(#) = Out of Range

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