

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022720\  
 Data File : VN060269.D  
 Acq On : 27 Feb 2020 14:12  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN022720

Quant Time: Feb 27 16:40:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 27 13:52:50 2020  
 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	50.850	-1.7	105	0.00
3 P	Chloromethane	50.000	46.548	6.9	100	0.00
4 C	Vinyl Chloride	50.000	48.005	4.0#	102	0.00
5 T	Bromomethane	50.000	52.690	-5.4	106	0.00
6 T	Chloroethane	50.000	49.493	1.0	106	0.00
7 T	Trichlorofluoromethane	50.000	49.878	0.2	105	0.00
8 T	Diethyl Ether	50.000	50.103	-0.2	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.046	-2.1	106	0.00
10 T	Methyl Iodide	50.000	58.649	-17.3	123	0.00
11 T	Tert butyl alcohol	250.000	255.078	-2.0	103	0.00
12 CM	1,1-Dichloroethene	50.000	51.778	-3.6#	104	0.00
13 T	Acrolein	250.000	255.891	-2.4	97	0.00
14 T	Allyl chloride	50.000	46.664	6.7	95	0.00
15 T	Acrylonitrile	250.000	261.117	-4.4	103	0.00
16 T	Acetone	250.000	225.682	9.7	93	0.00
17 T	Carbon Disulfide	50.000	52.301	-4.6	105	0.00
18 T	Methyl Acetate	50.000	48.009	4.0	104	0.00
19 T	Methyl tert-butyl Ether	50.000	50.561	-1.1	105	0.00
20 T	Methylene Chloride	50.000	49.596	0.8	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.095	-2.2	104	0.00
22 T	Diisopropyl ether	50.000	51.539	-3.1	106	0.00
23 T	Vinyl Acetate	250.000	262.973	-5.2	105	0.00
24 P	1,1-Dichloroethane	50.000	51.067	-2.1	106	0.00
25 T	2-Butanone	250.000	251.239	-0.5	101	0.00
26 T	2,2-Dichloropropane	50.000	51.610	-3.2	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.980	6.0	104	0.00
28 T	Bromochloromethane	50.000	42.497	15.0	94	0.00
29 T	Tetrahydrofuran	250.000	247.408	1.0	101	0.00
30 C	Chloroform	50.000	50.680	-1.4#	105	0.00
31 T	Cyclohexane	50.000	52.512	-5.0	105	0.00
32 T	1,1,1-Trichloroethane	50.000	51.362	-2.7	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.088	5.8	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	54.156	-8.3	109	0.00
36 T	1,1-Dichloropropene	50.000	50.868	-1.7	106	0.00
37 T	Ethyl Acetate	50.000	52.204	-4.4	102	0.00
38 T	Carbon Tetrachloride	50.000	52.965	-5.9	106	0.00
39 T	Methylcyclohexane	50.000	52.147	-4.3	108	0.00
40 TM	Benzene	50.000	51.790	-3.6	105	0.00
41 T	Methacrylonitrile	50.000	48.602	2.8	93	0.00
42 TM	1,2-Dichloroethane	50.000	52.045	-4.1	104	0.00
43 T	Isopropyl Acetate	50.000	52.757	-5.5	104	0.00
44 TM	Trichloroethene	50.000	51.138	-2.3	106	0.00
45 C	1,2-Dichloropropane	50.000	53.127	-6.3#	105	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	52.372	-4.7	104	0.00
47 T	Bromodichloromethane	50.000	53.608	-7.2	105	0.00
48 T	Methyl methacrylate	50.000	51.745	-3.5	103	0.00
49 T	1,4-Dioxane	1000.000	1064.240	-6.4	110	0.00
50 S	Toluene-d8	50.000	48.644	2.7	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.036	-6.8	103	0.00
52 CM	Toluene	50.000	52.502	-5.0#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	51.609	-3.2	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.576	-5.2	106	0.00
55 T	1,1,2-Trichloroethane	50.000	51.167	-2.3	105	0.00
56 T	Ethyl methacrylate	50.000	55.629	-11.3	105	0.00
57 T	1,3-Dichloropropane	50.000	52.491	-5.0	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.032	-4.8	102	0.00
59 T	2-Hexanone	250.000	265.041	-6.0	102	0.00
60 T	Dibromochloromethane	50.000	55.007	-10.0	108	0.00
61 T	1,2-Dibromoethane	50.000	53.311	-6.6	105	0.00
62 S	4-Bromofluorobenzene	50.000	48.410	3.2	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	56.434	-12.9	107	0.00
65 PM	Chlorobenzene	50.000	51.518	-3.0	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.614	-7.2	107	0.00
67 C	Ethyl Benzene	50.000	53.133	-6.3#	107	0.00
68 T	m/p-Xylenes	100.000	104.725	-4.7	107	0.00
69 T	o-Xylene	50.000	53.234	-6.5	108	0.00
70 T	Styrene	50.000	54.174	-8.3	107	0.00
71 P	Bromoform	50.000	55.825	-11.7	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	52.757	-5.5	107	0.00
74 T	N-amyl acetate	50.000	51.459	-2.9	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.752	-3.5	103	0.00
76 T	1,2,3-Trichloropropane	50.000	47.211	5.6	95	0.00
77 T	Bromobenzene	50.000	52.114	-4.2	107	0.00
78 T	n-propylbenzene	50.000	52.656	-5.3	107	0.00
79 T	2-Chlorotoluene	50.000	51.817	-3.6	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.300	-6.6	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.723	-11.4	108	0.00
82 T	4-Chlorotoluene	50.000	51.620	-3.2	107	0.00
83 T	tert-Butylbenzene	50.000	53.024	-6.0	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.727	-5.5	106	0.00
85 T	sec-Butylbenzene	50.000	53.153	-6.3	107	0.00
86 T	p-Isopropyltoluene	50.000	52.416	-4.8	108	0.00
87 T	1,3-Dichlorobenzene	50.000	55.290	-10.6	106	0.00
88 T	1,4-Dichlorobenzene	50.000	54.832	-9.7	106	0.00
89 T	n-Butylbenzene	50.000	51.839	-3.7	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.625	-11.3	109	0.00
91 T	1,2-Dichlorobenzene	50.000	51.220	-2.4	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.092	1.8	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.349	-4.7	103	0.00
94 T	Hexachlorobutadiene	50.000	55.246	-10.5	107	0.00
95 T	Naphthalene	50.000	51.372	-2.7	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.367	-4.7	102	0.00

(#) = Out of Range

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