

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN033120\
 Data File : VN060802.D
 Acq On : 31 Mar 2020 21:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 08:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	46.715	6.6	79	0.00
3 P	Chloromethane	50.000	44.680	10.6	79	0.00
4 C	Vinyl Chloride	50.000	44.963	10.1#	79	0.00
5 T	Bromomethane	50.000	49.152	1.7	87	0.00
6 T	Chloroethane	50.000	49.205	1.6	84	0.00
7 T	Trichlorofluoromethane	50.000	48.696	2.6	85	0.00
8 T	Diethyl Ether	50.000	50.707	-1.4	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.911	0.2	87	0.00
10 T	Methyl Iodide	50.000	45.363	9.3	84	0.00
11 T	Tert butyl alcohol	250.000	265.120	-6.0	95	0.00
12 CM	1,1-Dichloroethene	50.000	47.756	4.5#	85	0.00
13 T	Acrolein	250.000	267.886	-7.2	95	0.00
14 T	Allyl chloride	50.000	48.597	2.8	89	0.00
15 T	Acrylonitrile	250.000	269.005	-7.6	94	0.00
16 T	Acetone	250.000	263.556	-5.4	94	0.00
17 T	Carbon Disulfide	50.000	44.849	10.3	80	0.00
18 T	Methyl Acetate	50.000	54.686	-9.4	95	0.00
19 T	Methyl tert-butyl Ether	50.000	50.006	-0.0	89	0.00
20 T	Methylene Chloride	50.000	49.405	1.2	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.889	4.2	85	0.00
22 T	Diisopropyl ether	50.000	52.443	-4.9	91	0.00
23 T	Vinyl Acetate	250.000	266.945	-6.8	92	0.00
24 P	1,1-Dichloroethane	50.000	51.238	-2.5	90	0.00
25 T	2-Butanone	250.000	267.302	-6.9	93	0.00
26 T	2,2-Dichloropropane	50.000	47.288	5.4	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.841	0.3	89	0.00
28 T	Bromochloromethane	50.000	51.933	-3.9	90	0.00
29 T	Tetrahydrofuran	250.000	258.644	-3.5	92	0.00
30 C	Chloroform	50.000	50.376	-0.8#	89	0.00
31 T	Cyclohexane	50.000	46.084	7.8	85	0.00
32 T	1,1,1-Trichloroethane	50.000	49.653	0.7	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.927	0.1	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	50.468	-0.9	89	0.00
36 T	1,1-Dichloropropene	50.000	49.197	1.6	85	0.00
37 T	Ethyl Acetate	50.000	50.887	-1.8	92	0.00
38 T	Carbon Tetrachloride	50.000	50.095	-0.2	86	0.00
39 T	Methylcyclohexane	50.000	49.197	1.6	85	0.00
40 TM	Benzene	50.000	49.854	0.3	88	0.00
41 T	Methacrylonitrile	50.000	56.908	-13.8	100	0.00
42 TM	1,2-Dichloroethane	50.000	50.656	-1.3	89	0.00
43 T	Isopropyl Acetate	50.000	52.270	-4.5	92	0.00
44 TM	Trichloroethene	50.000	49.164	1.7	86	0.00
45 C	1,2-Dichloropropane	50.000	51.794	-3.6#	91	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	51.487	-3.0	89	0.00
47 T	Bromodichloromethane	50.000	51.331	-2.7	89	0.00
48 T	Methyl methacrylate	50.000	52.530	-5.1	92	0.00
49 T	1,4-Dioxane	1000.000	1166.279	-16.6	97	0.00
50 S	Toluene-d8	50.000	49.592	0.8	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.597	-8.2	92	0.00
52 CM	Toluene	50.000	49.652	0.7#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	51.510	-3.0	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.350	-0.7	88	0.00
55 T	1,1,2-Trichloroethane	50.000	51.490	-3.0	90	0.00
56 T	Ethyl methacrylate	50.000	53.455	-6.9	89	0.00
57 T	1,3-Dichloropropane	50.000	51.633	-3.3	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.785	0.1	83	0.00
59 T	2-Hexanone	250.000	270.814	-8.3	91	0.00
60 T	Dibromochloromethane	50.000	52.206	-4.4	89	0.00
61 T	1,2-Dibromoethane	50.000	52.112	-4.2	89	0.00
62 S	4-Bromofluorobenzene	50.000	50.597	-1.2	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	45.814	8.4	82	0.00
65 PM	Chlorobenzene	50.000	49.513	1.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.463	-0.9	89	0.00
67 C	Ethyl Benzene	50.000	50.169	-0.3#	87	0.00
68 T	m/p-Xylenes	100.000	99.481	0.5	86	0.00
69 T	o-Xylene	50.000	49.584	0.8	86	0.00
70 T	Styrene	50.000	50.752	-1.5	86	0.00
71 P	Bromoform	50.000	48.835	2.3	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	47.919	4.2	87	0.00
74 T	N-amyl acetate	50.000	49.801	0.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.694	-1.4	93	0.00
76 T	1,2,3-Trichloropropane	50.000	46.849	6.3	89	0.00
77 T	Bromobenzene	50.000	47.749	4.5	88	0.00
78 T	n-propylbenzene	50.000	48.347	3.3	88	0.00
79 T	2-Chlorotoluene	50.000	46.869	6.3	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.212	3.6	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.512	3.0	88	0.00
82 T	4-Chlorotoluene	50.000	48.379	3.2	88	0.00
83 T	tert-Butylbenzene	50.000	48.613	2.8	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.707	2.6	88	0.00
85 T	sec-Butylbenzene	50.000	49.366	1.3	89	0.00
86 T	p-Isopropyltoluene	50.000	49.518	1.0	90	0.00
87 T	1,3-Dichlorobenzene	50.000	48.874	2.3	89	0.00
88 T	1,4-Dichlorobenzene	50.000	47.960	4.1	88	0.00
89 T	n-Butylbenzene	50.000	50.472	-0.9	90	0.00

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90 T	Hexachloroethane	50.000	52.968	-5.9	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.884	0.2	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.673	2.7	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.152	-2.3	90	0.00
94 T	Hexachlorobutadiene	50.000	50.671	-1.3	93	0.00
95 T	Naphthalene	50.000	49.336	1.3	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.269	1.5	89	0.00

(#) = Out of Range

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