

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN112219\
 Data File : VN059351.D
 Acq On : 22 Nov 2019 9:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 22 11:31:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	48.072	3.9	88	0.00
3 P	Chloromethane	50.000	46.985	6.0	90	0.00
4 C	Vinyl Chloride	50.000	48.332	3.3#	88	0.00
5 T	Bromomethane	50.000	46.499	7.0	89	0.00
6 T	Chloroethane	50.000	45.561	8.9	90	0.00
7 T	Trichlorofluoromethane	50.000	45.134	9.7	87	0.00
8 T	Diethyl Ether	50.000	48.347	3.3	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.911	4.2	91	0.00
10 T	Methyl Iodide	50.000	52.410	-4.8	94	0.00
11 T	Tert butyl alcohol	250.000	230.660	7.7	86	0.00
12 CM	1,1-Dichloroethene	50.000	46.743	6.5#	89	0.00
13 T	Acrolein	250.000	216.809	13.3	82	0.00
14 T	Allyl chloride	50.000	43.242	13.5	82	0.00
15 T	Acrylonitrile	250.000	234.820	6.1	88	0.00
16 T	Acetone	250.000	275.157	-10.1	105	0.00
17 T	Carbon Disulfide	50.000	47.156	5.7	89	0.00
18 T	Methyl Acetate	50.000	46.988	6.0	87	0.00
19 T	Methyl tert-butyl Ether	50.000	48.847	2.3	90	0.00
20 T	Methylene Chloride	50.000	47.460	5.1	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.060	3.9	90	0.00
22 T	Diisopropyl ether	50.000	48.558	2.9	90	0.00
23 T	Vinyl Acetate	250.000	244.935	2.0	88	0.00
24 P	1,1-Dichloroethane	50.000	48.607	2.8	90	0.00
25 T	2-Butanone	250.000	245.319	1.9	90	0.00
26 T	2,2-Dichloropropane	50.000	47.323	5.4	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.170	5.7	89	0.00
28 T	Bromochloromethane	50.000	50.489	-1.0	98	0.00
29 T	Tetrahydrofuran	250.000	228.813	8.5	84	0.00
30 C	Chloroform	50.000	47.414	5.2#	89	0.00
31 T	Cyclohexane	50.000	45.967	8.1	89	0.00
32 T	1,1,1-Trichloroethane	50.000	47.887	4.2	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.044	7.9	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	47.892	4.2	86	0.00
36 T	1,1-Dichloropropene	50.000	48.205	3.6	89	0.00
37 T	Ethyl Acetate	50.000	46.540	6.9	87	0.00
38 T	Carbon Tetrachloride	50.000	48.000	4.0	88	0.00
39 T	Methylcyclohexane	50.000	49.617	0.8	90	0.00
40 TM	Benzene	50.000	49.446	1.1	90	0.00
41 T	Methacrylonitrile	50.000	51.777	-3.6	89	0.00
42 TM	1,2-Dichloroethane	50.000	48.416	3.2	89	0.00
43 T	Isopropyl Acetate	50.000	47.977	4.0	87	0.00
44 TM	Trichloroethene	50.000	49.261	1.5	91	0.00
45 C	1,2-Dichloropropane	50.000	49.668	0.7#	92	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	49.193	1.6	91	0.00
47 T	Bromodichloromethane	50.000	49.799	0.4	90	0.00
48 T	Methyl methacrylate	50.000	48.083	3.8	87	0.00
49 T	1,4-Dioxane	1000.000	1074.726	-7.5	101	0.00
50 S	Toluene-d8	50.000	48.662	2.7	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.106	-2.0	87	0.00
52 CM	Toluene	50.000	50.187	-0.4#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.524	-1.0	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.590	-1.2	92	0.00
55 T	1,1,2-Trichloroethane	50.000	49.767	0.5	91	0.00
56 T	Ethyl methacrylate	50.000	46.664	6.7	90	0.00
57 T	1,3-Dichloropropane	50.000	49.765	0.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	167.966	32.8#	68	0.00
59 T	2-Hexanone	250.000	258.367	-3.3	88	0.00
60 T	Dibromochloromethane	50.000	51.082	-2.2	91	0.00
61 T	1,2-Dibromoethane	50.000	49.952	0.1	91	0.00
62 S	4-Bromofluorobenzene	50.000	50.569	-1.1	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	47.804	4.4	92	0.00
65 PM	Chlorobenzene	50.000	49.400	1.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.590	0.8	91	0.00
67 C	Ethyl Benzene	50.000	50.565	-1.1#	93	0.00
68 T	m/p-Xylenes	100.000	101.954	-2.0	93	0.00
69 T	o-Xylene	50.000	50.777	-1.6	94	0.00
70 T	Styrene	50.000	52.817	-5.6	95	0.00
71 P	Bromoform	50.000	51.171	-2.3	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	48.388	3.2	94	0.00
74 T	N-amyl acetate	50.000	47.659	4.7	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.929	8.1	91	0.00
76 T	1,2,3-Trichloropropane	50.000	53.117	-6.2	106	0.00
77 T	Bromobenzene	50.000	47.354	5.3	94	0.00
78 T	n-propylbenzene	50.000	50.077	-0.2	95	0.00
79 T	2-Chlorotoluene	50.000	47.474	5.1	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.778	2.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.338	1.3	93	0.00
82 T	4-Chlorotoluene	50.000	47.406	5.2	95	0.00
83 T	tert-Butylbenzene	50.000	48.422	3.2	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.260	1.5	95	0.00
85 T	sec-Butylbenzene	50.000	48.815	2.4	94	0.00
86 T	p-Isopropyltoluene	50.000	50.046	-0.1	95	0.00
87 T	1,3-Dichlorobenzene	50.000	47.895	4.2	97	0.00
88 T	1,4-Dichlorobenzene	50.000	47.825	4.3	97	0.00
89 T	n-Butylbenzene	50.000	49.492	1.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.531	4.9	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.011	4.0	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.624	18.8	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.931	12.1	92	0.00
94 T	Hexachlorobutadiene	50.000	46.917	6.2	99	0.00
95 T	Naphthalene	50.000	40.480	19.0	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.063	13.9	89	0.00

(#) = Out of Range

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