

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091219\
 Data File : VN057952.D
 Acq On : 12 Sep 2019 2:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 04:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	48.957	2.1	85	0.00
3 P	Chloromethane	50.000	43.350	13.3	82	0.00
4 C	Vinyl Chloride	50.000	44.514	11.0#	81	0.00
5 T	Bromomethane	50.000	41.990	16.0	71	0.00
6 T	Chloroethane	50.000	44.534	10.9	83	0.00
7 T	Trichlorofluoromethane	50.000	44.949	10.1	81	0.00
8 T	Diethyl Ether	50.000	46.698	6.6	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.737	4.5	84	0.00
10 T	Methyl Iodide	50.000	42.460	15.1	72	0.00
11 T	Tert butyl alcohol	250.000	233.999	6.4	77	0.00
12 CM	1,1-Dichloroethene	50.000	45.513	9.0#	84	0.00
13 T	Acrolein	250.000	213.588	14.6	73	0.00
14 T	Allyl chloride	50.000	44.352	11.3	82	0.00
15 T	Acrylonitrile	250.000	245.083	2.0	85	0.00
16 T	Acetone	250.000	208.697	16.5	71	0.00
17 T	Carbon Disulfide	50.000	42.906	14.2	76	0.00
18 T	Methyl Acetate	50.000	51.106	-2.2	89	0.00
19 T	Methyl tert-butyl Ether	50.000	48.970	2.1	84	0.00
20 T	Methylene Chloride	50.000	52.384	-4.8	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.146	7.7	85	0.00
22 T	Diisopropyl ether	50.000	50.395	-0.8	86	0.00
23 T	Vinyl Acetate	250.000	256.639	-2.7	84	0.00
24 P	1,1-Dichloroethane	50.000	48.308	3.4	85	0.00
25 T	2-Butanone	250.000	237.920	4.8	80	0.00
26 T	2,2-Dichloropropane	50.000	34.066	31.9#	58	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.709	4.6	85	0.00
28 T	Bromochloromethane	50.000	50.950	-1.9	88	0.00
29 T	Tetrahydrofuran	250.000	246.759	1.3	85	0.00
30 C	Chloroform	50.000	49.009	2.0#	86	0.00
31 T	Cyclohexane	50.000	51.201	-2.4	85	0.00
32 T	1,1,1-Trichloroethane	50.000	48.724	2.6	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.899	-3.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	49.768	0.5	86	0.00
36 T	1,1-Dichloropropene	50.000	46.579	6.8	85	0.00
37 T	Ethyl Acetate	50.000	47.796	4.4	84	0.00
38 T	Carbon Tetrachloride	50.000	48.910	2.2	84	0.00
39 T	Methylcyclohexane	50.000	45.816	8.4	83	0.00
40 TM	Benzene	50.000	48.717	2.6	86	0.00
41 T	Methacrylonitrile	50.000	49.418	1.2	86	0.00
42 TM	1,2-Dichloroethane	50.000	48.392	3.2	85	0.00
43 T	Isopropyl Acetate	50.000	49.750	0.5	84	0.00
44 TM	Trichloroethene	50.000	47.046	5.9	84	0.00
45 C	1,2-Dichloropropane	50.000	50.064	-0.1#	87	0.00

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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)
46 T	Dibromomethane	50.000	49.881	0.2	87	0.00
47 T	Bromodichloromethane	50.000	50.632	-1.3	82	0.00
48 T	Methyl methacrylate	50.000	48.966	2.1	83	0.00
49 T	1,4-Dioxane	1000.000	914.924	8.5	80	0.00
50 S	Toluene-d8	50.000	52.795	-5.6	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.032	-6.0	84	0.00
52 CM	Toluene	50.000	49.318	1.4#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	48.375	3.3	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.448	3.1	79	0.00
55 T	1,1,2-Trichloroethane	50.000	50.246	-0.5	84	0.00
56 T	Ethyl methacrylate	50.000	50.948	-1.9	83	0.00
57 T	1,3-Dichloropropane	50.000	49.764	0.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.127	-2.5	76	0.00
59 T	2-Hexanone	250.000	256.882	-2.8	81	0.00
60 T	Dibromochloromethane	50.000	51.568	-3.1	80	0.00
61 T	1,2-Dibromoethane	50.000	50.207	-0.4	84	0.00
62 S	4-Bromofluorobenzene	50.000	50.503	-1.0	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	48.900	2.2	90	0.00
65 PM	Chlorobenzene	50.000	48.411	3.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.955	-1.9	84	0.00
67 C	Ethyl Benzene	50.000	50.630	-1.3#	86	0.00
68 T	m/p-Xylenes	100.000	99.997	0.0	85	0.00
69 T	o-Xylene	50.000	50.096	-0.2	84	0.00
70 T	Styrene	50.000	51.823	-3.6	84	0.00
71 P	Bromoform	50.000	51.091	-2.2	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	49.700	0.6	85	0.00
74 T	N-amyl acetate	50.000	49.491	1.0	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.022	6.0	82	0.00
76 T	1,2,3-Trichloropropane	50.000	45.297	9.4	79	0.00
77 T	Bromobenzene	50.000	46.607	6.8	86	0.00
78 T	n-propylbenzene	50.000	50.487	-1.0	85	0.00
79 T	2-Chlorotoluene	50.000	47.673	4.7	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.145	-0.3	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.892	14.2	68	0.00
82 T	4-Chlorotoluene	50.000	48.516	3.0	84	0.00
83 T	tert-Butylbenzene	50.000	48.918	2.2	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.106	-0.2	84	0.00
85 T	sec-Butylbenzene	50.000	50.094	-0.2	84	0.00
86 T	p-Isopropyltoluene	50.000	50.990	-2.0	83	0.00
87 T	1,3-Dichlorobenzene	50.000	48.315	3.4	84	0.00
88 T	1,4-Dichlorobenzene	50.000	47.302	5.4	84	0.00
89 T	n-Butylbenzene	50.000	49.734	0.5	82	0.00

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90 T	Hexachloroethane	50.000	50.088	-0.2	81	0.00
91 T	1,2-Dichlorobenzene	50.000	48.457	3.1	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.098	-2.2	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.503	9.0	84	0.00
94 T	Hexachlorobutadiene	50.000	45.136	9.7	83	0.00
95 T	Naphthalene	50.000	51.863	-3.7	84	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.698	0.6	87	0.00

(#) = Out of Range

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