

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092319\
 Data File : VN058275.D
 Acq On : 23 Sep 2019 8:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 23 13:03:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	44.329	11.3	70	0.00
3 P	Chloromethane	50.000	49.287	1.4	75	0.00
4 C	Vinyl Chloride	50.000	47.978	4.0#	71	0.00
5 T	Bromomethane	50.000	50.987	-2.0	77	0.00
6 T	Chloroethane	50.000	51.642	-3.3	75	0.00
7 T	Trichlorofluoromethane	50.000	44.927	10.1	74	0.00
8 T	Diethyl Ether	50.000	46.003	8.0	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.506	5.0	76	0.00
10 T	Methyl Iodide	50.000	46.938	6.1	71	0.00
11 T	Tert butyl alcohol	250.000	236.546	5.4	70	0.00
12 CM	1,1-Dichloroethene	50.000	49.170	1.7#	74	0.00
13 T	Acrolein	250.000	322.502	-29.0#	93	0.00
14 T	Allyl chloride	50.000	44.209	11.6	69	0.00
15 T	Acrylonitrile	250.000	261.050	-4.4	77	0.00
16 T	Acetone	250.000	294.684	-17.9	94	0.00
17 T	Carbon Disulfide	50.000	47.259	5.5	75	0.00
18 T	Methyl Acetate	50.000	49.130	1.7	78	0.00
19 T	Methyl tert-butyl Ether	50.000	50.269	-0.5	76	0.00
20 T	Methylene Chloride	50.000	51.457	-2.9	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.176	1.6	74	0.00
22 T	Diisopropyl ether	50.000	51.367	-2.7	77	0.00
23 T	Vinyl Acetate	250.000	271.001	-8.4	77	0.00
24 P	1,1-Dichloroethane	50.000	49.770	0.5	78	0.00
25 T	2-Butanone	250.000	279.944	-12.0	82	0.00
26 T	2,2-Dichloropropane	50.000	49.821	0.4	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.962	2.1	75	0.00
28 T	Bromochloromethane	50.000	53.873	-7.7	77	0.00
29 T	Tetrahydrofuran	250.000	245.919	1.6	75	0.00
30 C	Chloroform	50.000	49.862	0.3#	78	0.00
31 T	Cyclohexane	50.000	48.475	3.0	72	0.00
32 T	1,1,1-Trichloroethane	50.000	50.831	-1.7	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.094	-4.2	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	50.327	-0.7	72	0.00
36 T	1,1-Dichloropropene	50.000	45.554	8.9	74	0.00
37 T	Ethyl Acetate	50.000	50.707	-1.4	76	0.00
38 T	Carbon Tetrachloride	50.000	49.185	1.6	77	0.00
39 T	Methylcyclohexane	50.000	47.329	5.3	72	0.00
40 TM	Benzene	50.000	48.207	3.6	75	0.00
41 T	Methacrylonitrile	50.000	55.980	-12.0	83	0.00
42 TM	1,2-Dichloroethane	50.000	49.452	1.1	77	0.00
43 T	Isopropyl Acetate	50.000	48.329	3.3	75	0.00
44 TM	Trichloroethene	50.000	48.365	3.3	75	0.00
45 C	1,2-Dichloropropane	50.000	50.903	-1.8#	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.451	1.1	75	0.00
47 T	Bromodichloromethane	50.000	53.721	-7.4	78	0.00
48 T	Methyl methacrylate	50.000	52.039	-4.1	76	0.00
49 T	1,4-Dioxane	1000.000	1054.169	-5.4	75	0.00
50 S	Toluene-d8	50.000	51.314	-2.6	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.370	-14.5	78	0.00
52 CM	Toluene	50.000	49.074	1.9#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	54.846	-9.7	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.569	-5.1	76	0.00
55 T	1,1,2-Trichloroethane	50.000	52.155	-4.3	78	0.00
56 T	Ethyl methacrylate	50.000	54.028	-8.1	76	0.00
57 T	1,3-Dichloropropane	50.000	50.952	-1.9	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.454	-12.2	75	0.00
59 T	2-Hexanone	250.000	300.776	-20.3	83	0.00
60 T	Dibromochloromethane	50.000	56.910	-13.8	79	0.00
61 T	1,2-Dibromoethane	50.000	51.103	-2.2	76	0.00
62 S	4-Bromofluorobenzene	50.000	51.862	-3.7	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	45.591	8.8	73	0.00
65 PM	Chlorobenzene	50.000	48.950	2.1	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.213	-6.4	78	0.00
67 C	Ethyl Benzene	50.000	51.422	-2.8#	76	0.00
68 T	m/p-Xylenes	100.000	99.910	0.1	76	0.00
69 T	o-Xylene	50.000	51.075	-2.2	77	0.00
70 T	Styrene	50.000	53.505	-7.0	78	0.00
71 P	Bromoform	50.000	49.720	0.6	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73 T	Isopropylbenzene	50.000	52.146	-4.3	77	0.00
74 T	N-amyl acetate	50.000	54.467	-8.9	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.874	-3.7	78	0.00
76 T	1,2,3-Trichloropropane	50.000	51.172	-2.3	79	0.00
77 T	Bromobenzene	50.000	48.862	2.3	77	0.00
78 T	n-propylbenzene	50.000	54.490	-9.0	79	0.00
79 T	2-Chlorotoluene	50.000	52.310	-4.6	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.813	-5.6	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.792	2.4	78	0.00
82 T	4-Chlorotoluene	50.000	51.702	-3.4	77	0.00
83 T	tert-Butylbenzene	50.000	51.604	-3.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.238	-8.5	78	0.00
85 T	sec-Butylbenzene	50.000	54.409	-8.8	77	0.00
86 T	p-Isopropyltoluene	50.000	54.930	-9.9	77	0.00
87 T	1,3-Dichlorobenzene	50.000	51.568	-3.1	77	0.00
88 T	1,4-Dichlorobenzene	50.000	50.627	-1.3	76	0.00
89 T	n-Butylbenzene	50.000	53.568	-7.1	75	0.00

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90 T	Hexachloroethane	50.000	51.476	-3.0	81	0.00
91 T	1,2-Dichlorobenzene	50.000	51.351	-2.7	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.925	-7.8	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.142	-0.3	73	0.00
94 T	Hexachlorobutadiene	50.000	46.557	6.9	70	0.00
95 T	Naphthalene	50.000	51.634	-3.3	70	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.428	1.1	71	0.00

(#) = Out of Range

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