

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091919\
 Data File : VN058189.D
 Acq On : 19 Sep 2019 8:55
 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 20 02:02:14 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	45.651	8.7	77	0.00
3 P	Chloromethane	50.000	47.248	5.5	76	0.00
4 C	Vinyl Chloride	50.000	48.004	4.0#	75	0.00
5 T	Bromomethane	50.000	43.978	12.0	71	0.00
6 T	Chloroethane	50.000	50.129	-0.3	77	0.00
7 T	Trichlorofluoromethane	50.000	44.661	10.7	78	0.00
8 T	Diethyl Ether	50.000	46.565	6.9	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.374	5.3	81	0.00
10 T	Methyl Iodide	50.000	41.902	16.2	67	0.00
11 T	Tert butyl alcohol	250.000	216.962	13.2	68	0.00
12 CM	1,1-Dichloroethene	50.000	49.728	0.5#	79	0.00
13 T	Acrolein	250.000	350.704	-40.3#	108	0.00
14 T	Allyl chloride	50.000	46.807	6.4	78	0.00
15 T	Acrylonitrile	250.000	238.342	4.7	75	0.00
16 T	Acetone	250.000	271.147	-8.5	91	0.00
17 T	Carbon Disulfide	50.000	45.369	9.3	76	0.00
18 T	Methyl Acetate	50.000	44.528	10.9	75	0.00
19 T	Methyl tert-butyl Ether	50.000	48.547	2.9	78	0.00
20 T	Methylene Chloride	50.000	50.147	-0.3	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.523	3.0	77	0.00
22 T	Diisopropyl ether	50.000	48.669	2.7	78	0.00
23 T	Vinyl Acetate	250.000	256.442	-2.6	77	0.00
24 P	1,1-Dichloroethane	50.000	47.419	5.2	79	0.00
25 T	2-Butanone	250.000	252.241	-0.9	79	0.00
26 T	2,2-Dichloropropane	50.000	47.421	5.2	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.030	3.9	78	0.00
28 T	Bromochloromethane	50.000	50.270	-0.5	76	0.00
29 T	Tetrahydrofuran	250.000	221.563	11.4	72	0.00
30 C	Chloroform	50.000	47.890	4.2#	79	0.00
31 T	Cyclohexane	50.000	48.400	3.2	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.453	1.1	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.611	-3.2	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	50.737	-1.5	78	0.00
36 T	1,1-Dichloropropene	50.000	44.540	10.9	77	0.00
37 T	Ethyl Acetate	50.000	45.993	8.0	73	0.00
38 T	Carbon Tetrachloride	50.000	46.640	6.7	77	0.00
39 T	Methylcyclohexane	50.000	48.315	3.4	78	0.00
40 TM	Benzene	50.000	47.072	5.9	78	0.00
41 T	Methacrylonitrile	50.000	48.796	2.4	77	0.00
42 TM	1,2-Dichloroethane	50.000	47.033	5.9	78	0.00
43 T	Isopropyl Acetate	50.000	45.492	9.0	75	0.00
44 TM	Trichloroethene	50.000	47.567	4.9	78	0.00
45 C	1,2-Dichloropropane	50.000	49.296	1.4#	79	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	48.476	3.0	79	0.00
47 T	Bromodichloromethane	50.000	50.622	-1.2	79	0.00
48 T	Methyl methacrylate	50.000	48.222	3.6	75	0.00
49 T	1,4-Dioxane	1000.000	919.626	8.0	70	0.00
50 S	Toluene-d8	50.000	52.824	-5.6	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.284	-3.3	75	0.00
52 CM	Toluene	50.000	48.786	2.4#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	51.848	-3.7	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.382	-2.8	79	0.00
55 T	1,1,2-Trichloroethane	50.000	49.888	0.2	79	0.00
56 T	Ethyl methacrylate	50.000	50.976	-2.0	77	0.00
57 T	1,3-Dichloropropane	50.000	48.674	2.7	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.745	-5.1	74	0.00
59 T	2-Hexanone	250.000	269.489	-7.8	79	0.00
60 T	Dibromochloromethane	50.000	52.966	-5.9	79	0.00
61 T	1,2-Dibromoethane	50.000	49.435	1.1	78	0.00
62 S	4-Bromofluorobenzene	50.000	52.966	-5.9	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	46.059	7.9	78	0.00
65 PM	Chlorobenzene	50.000	48.719	2.6	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.589	-3.2	79	0.00
67 C	Ethyl Benzene	50.000	51.165	-2.3#	80	0.00
68 T	m/p-Xylenes	100.000	99.993	0.0	80	0.00
69 T	o-Xylene	50.000	50.583	-1.2	81	0.00
70 T	Styrene	50.000	53.319	-6.6	81	0.00
71 P	Bromoform	50.000	45.662	8.7	77	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	51.432	-2.9	80	0.00
74 T	N-amyl acetate	50.000	51.075	-2.2	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.311	3.4	77	0.00
76 T	1,2,3-Trichloropropane	50.000	50.587	-1.2	83	0.00
77 T	Bromobenzene	50.000	48.770	2.5	81	0.00
78 T	n-propylbenzene	50.000	54.044	-8.1	82	0.00
79 T	2-Chlorotoluene	50.000	51.451	-2.9	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.927	-5.9	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.736	8.5	76	0.00
82 T	4-Chlorotoluene	50.000	51.452	-2.9	81	0.00
83 T	tert-Butylbenzene	50.000	52.654	-5.3	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.227	-8.5	82	0.00
85 T	sec-Butylbenzene	50.000	54.451	-8.9	82	0.00
86 T	p-Isopropyltoluene	50.000	55.361	-10.7	82	0.00
87 T	1,3-Dichlorobenzene	50.000	52.217	-4.4	83	0.00
88 T	1,4-Dichlorobenzene	50.000	51.187	-2.4	81	0.00
89 T	n-Butylbenzene	50.000	54.754	-9.5	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.294	3.4	80	0.00
91 T	1,2-Dichlorobenzene	50.000	51.146	-2.3	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.572	0.9	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.579	-3.2	79	0.00
94 T	Hexachlorobutadiene	50.000	51.639	-3.3	82	0.00
95 T	Naphthalene	50.000	51.023	-2.0	73	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.201	-0.4	76	0.00

(#) = Out of Range

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