

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN042319\
 Data File : VN055192.D
 Acq On : 23 Apr 2019 9:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 23 15:35:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	50.594	-1.2	99	0.00
3 P	Chloromethane	50.000	47.197	5.6	97	0.00
4 C	Vinyl Chloride	50.000	46.907	6.2#	97	0.00
5 T	Bromomethane	50.000	43.343	13.3	98	0.00
6 T	Chloroethane	50.000	45.976	8.0	98	0.00
7 T	Trichlorofluoromethane	50.000	48.652	2.7	102	0.00
8 T	Diethyl Ether	50.000	45.715	8.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.808	8.4	99	0.00
10 T	Methyl Iodide	50.000	48.518	3.0	96	0.00
11 T	Tert butyl alcohol	250.000	201.695	19.3	86	0.00
12 CM	1,1-Dichloroethene	50.000	46.446	7.1#	97	0.00
13 T	Acrolein	250.000	187.416	25.0#	83	0.00
14 T	Allyl chloride	50.000	45.941	8.1	96	0.00
15 T	Acrylonitrile	250.000	220.187	11.9	90	0.00
16 T	Acetone	250.000	223.460	10.6	85	0.00
17 T	Carbon Disulfide	50.000	48.548	2.9	99	0.00
18 T	Methyl Acetate	50.000	43.734	12.5	94	0.00
19 T	Methyl tert-butyl Ether	50.000	44.783	10.4	94	0.00
20 T	Methylene Chloride	50.000	42.680	14.6	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.318	7.4	95	0.00
22 T	Diisopropyl ether	50.000	45.927	8.1	96	0.00
23 T	Vinyl Acetate	250.000	237.835	4.9	93	0.00
24 P	1,1-Dichloroethane	50.000	45.009	10.0	96	0.00
25 T	2-Butanone	250.000	214.989	14.0	87	0.00
26 T	2,2-Dichloropropane	50.000	47.028	5.9	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.102	9.8	95	0.00
28 T	Bromochloromethane	50.000	44.541	10.9	96	0.00
29 T	Tetrahydrofuran	250.000	210.792	15.7	88	0.00
30 C	Chloroform	50.000	45.287	9.4#	97	0.00
31 T	Cyclohexane	50.000	47.616	4.8	99	0.00
32 T	1,1,1-Trichloroethane	50.000	46.784	6.4	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.924	10.2	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	48.450	3.1	97	0.00
36 T	1,1-Dichloropropene	50.000	52.356	-4.7	98	0.00
37 T	Ethyl Acetate	50.000	44.218	11.6	87	0.00
38 T	Carbon Tetrachloride	50.000	51.873	-3.7	99	0.00
39 T	Methylcyclohexane	50.000	49.499	1.0	99	0.00
40 TM	Benzene	50.000	49.638	0.7	97	0.00
41 T	Methacrylonitrile	50.000	52.509	-5.0	95	0.00
42 TM	1,2-Dichloroethane	50.000	47.526	4.9	94	0.00
43 T	Isopropyl Acetate	50.000	47.691	4.6	90	0.00
44 TM	Trichloroethene	50.000	49.923	0.2	98	0.00
45 C	1,2-Dichloropropane	50.000	48.151	3.7#	95	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	47.503	5.0	95	0.00
47 T	Bromodichloromethane	50.000	50.753	-1.5	97	0.00
48 T	Methyl methacrylate	50.000	46.714	6.6	91	0.00
49 T	1,4-Dioxane	1000.000	931.464	6.9	89	0.00
50 S	Toluene-d8	50.000	48.904	2.2	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	229.353	8.3	89	0.00
52 CM	Toluene	50.000	50.262	-0.5#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	52.653	-5.3	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.414	-4.8	97	0.00
55 T	1,1,2-Trichloroethane	50.000	46.980	6.0	93	0.00
56 T	Ethyl methacrylate	50.000	49.908	0.2	91	0.00
57 T	1,3-Dichloropropane	50.000	48.982	2.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	213.617	14.6	87	0.00
59 T	2-Hexanone	250.000	242.463	3.0	89	0.00
60 T	Dibromochloromethane	50.000	50.616	-1.2	96	0.00
61 T	1,2-Dibromoethane	50.000	49.079	1.8	94	0.00
62 S	4-Bromofluorobenzene	50.000	51.143	-2.3	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	49.622	0.8	101	0.00
65 PM	Chlorobenzene	50.000	48.443	3.1	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.871	2.3	96	0.00
67 C	Ethyl Benzene	50.000	50.450	-0.9#	98	0.00
68 T	m/p-Xylenes	100.000	103.547	-3.5	98	0.00
69 T	o-Xylene	50.000	50.582	-1.2	98	0.00
70 T	Styrene	50.000	54.563	-9.1	98	0.00
71 P	Bromoform	50.000	52.042	-4.1	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	50.940	-1.9	99	0.00
74 T	N-amyl acetate	50.000	46.063	7.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.499	5.0	92	0.00
76 T	1,2,3-Trichloropropane	50.000	34.375	31.3#	77	0.00
77 T	Bromobenzene	50.000	44.749	10.5	98	0.00
78 T	n-propylbenzene	50.000	46.682	6.6	101	0.00
79 T	2-Chlorotoluene	50.000	44.265	11.5	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.868	8.3	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.233	13.5	92	0.00
82 T	4-Chlorotoluene	50.000	47.194	5.6	99	0.00
83 T	tert-Butylbenzene	50.000	51.159	-2.3	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.112	3.8	101	0.00
85 T	sec-Butylbenzene	50.000	44.461	11.1	99	0.00
86 T	p-Isopropyltoluene	50.000	48.110	3.8	101	0.00
87 T	1,3-Dichlorobenzene	50.000	49.193	1.6	99	0.00
88 T	1,4-Dichlorobenzene	50.000	48.614	2.8	100	0.00
89 T	n-Butylbenzene	50.000	53.633	-7.3	103	0.00

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90 T	Hexachloroethane	50.000	44.367	11.3	99	0.00
91 T	1,2-Dichlorobenzene	50.000	46.104	7.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.569	10.9	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.076	5.8	97	0.00
94 T	Hexachlorobutadiene	50.000	55.688	-11.4	105	0.00
95 T	Naphthalene	50.000	41.565	16.9	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.619	8.8	92	0.00

(#) = Out of Range

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