

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX031419\
 Data File : VX008077.D
 Acq On : 14 Mar 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 15 04:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	50.000	47.857	4.3	96	0.00
3 P	Chloromethane	50.000	40.590	18.8	89	0.00
4 C	Vinyl Chloride	50.000	43.347	13.3#	95	0.00
5 T	Bromomethane	50.000	44.865	10.3	94	0.00
6 T	Chloroethane	50.000	47.565	4.9	95	0.00
7 T	Trichlorofluoromethane	50.000	45.942	8.1	102	0.00
8 T	Diethyl Ether	50.000	50.102	-0.2	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.439	-2.9	107	0.00
10 T	Methyl Iodide	50.000	52.789	-5.6	97	0.00
11 T	Tert butyl alcohol	250.000	244.994	2.0	100	0.00
12 CM	1,1-Dichloroethene	50.000	50.656	-1.3#	104	0.00
13 T	Acrolein	250.000	211.377	15.4	86	0.00
14 T	Allyl chloride	50.000	49.402	1.2	101	0.00
15 T	Acrylonitrile	250.000	245.106	2.0	100	0.00
16 T	Acetone	250.000	237.930	4.8	100	0.00
17 T	Carbon Disulfide	50.000	50.741	-1.5	100	0.00
18 T	Methyl Acetate	50.000	51.384	-2.8	103	0.00
19 T	Methyl tert-butyl Ether	50.000	50.207	-0.4	104	0.00
20 T	Methylene Chloride	50.000	48.614	2.8	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.581	0.8	103	0.00
22 T	Diisopropyl ether	50.000	48.817	2.4	99	0.00
23 T	Vinyl Acetate	250.000	249.112	0.4	98	0.00
24 P	1,1-Dichloroethane	50.000	49.424	1.2	100	0.00
25 T	2-Butanone	250.000	236.134	5.5	96	0.00
26 T	2,2-Dichloropropane	50.000	47.996	4.0	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.229	3.5	101	0.00
28 T	Bromochloromethane	50.000	48.781	2.4	96	0.00
29 T	Tetrahydrofuran	250.000	237.678	4.9	95	0.00
30 C	Chloroform	50.000	46.966	6.1#	98	0.00
31 T	Cyclohexane	50.000	49.754	0.5	101	0.00
32 T	1,1,1-Trichloroethane	50.000	47.736	4.5	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.120	11.8	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.463	5.1	96	0.00
36 T	1,1-Dichloropropene	50.000	49.627	0.7	99	0.00
37 T	Ethyl Acetate	50.000	49.735	0.5	96	0.00
38 T	Carbon Tetrachloride	50.000	49.121	1.8	95	0.00
39 T	Methylcyclohexane	50.000	52.239	-4.5	102	0.00
40 TM	Benzene	50.000	49.525	1.0	98	0.00
41 T	Methacrylonitrile	50.000	49.172	1.7	97	0.00
42 TM	1,2-Dichloroethane	50.000	47.710	4.6	95	0.00
43 T	Isopropyl Acetate	50.000	49.085	1.8	95	0.00
44 TM	Trichloroethene	50.000	49.257	1.5	99	0.00
45 C	1,2-Dichloropropane	50.000	48.292	3.4#	95	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.927	2.1	95	0.00
47 T	Bromodichloromethane	50.000	47.666	4.7	93	0.00
48 T	Methyl methacrylate	50.000	48.220	3.6	91	0.00
49 T	1,4-Dioxane	1000.000	972.665	2.7	96	0.00
50 S	Toluene-d8	50.000	47.702	4.6	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.728	6.9	91	0.00
52 CM	Toluene	50.000	48.768	2.5#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	49.723	0.6	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.397	-0.8	95	0.00
55 T	1,1,2-Trichloroethane	50.000	48.672	2.7	97	0.00
56 T	Ethyl methacrylate	50.000	49.757	0.5	95	0.00
57 T	1,3-Dichloropropane	50.000	47.325	5.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.555	5.8	91	0.00
59 T	2-Hexanone	250.000	229.292	8.3	91	0.00
60 T	Dibromochloromethane	50.000	47.560	4.9	91	0.00
61 T	1,2-Dibromoethane	50.000	48.439	3.1	93	0.00
62 S	4-Bromofluorobenzene	50.000	47.012	6.0	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	50.857	-1.7	99	0.00
65 PM	Chlorobenzene	50.000	49.664	0.7	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.636	-1.3	94	0.00
67 C	Ethyl Benzene	50.000	50.761	-1.5#	96	0.00
68 T	m/p-Xylenes	100.000	102.828	-2.8	96	0.00
69 T	o-Xylene	50.000	51.270	-2.5	96	0.00
70 T	Styrene	50.000	51.402	-2.8	95	0.00
71 P	Bromoform	50.000	49.506	1.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	51.597	-3.2	97	0.00
74 T	N-amyl acetate	50.000	48.655	2.7	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.571	4.9	94	0.00
76 T	1,2,3-Trichloropropane	50.000	55.902	-11.8	108	0.00
77 T	Bromobenzene	50.000	49.975	0.0	96	0.00
78 T	n-propylbenzene	50.000	52.220	-4.4	96	0.00
79 T	2-Chlorotoluene	50.000	49.993	0.0	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.921	-3.8	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.067	-0.1	90	0.00
82 T	4-Chlorotoluene	50.000	50.490	-1.0	97	0.00
83 T	tert-Butylbenzene	50.000	51.418	-2.8	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.425	-2.8	96	0.00
85 T	sec-Butylbenzene	50.000	52.591	-5.2	98	0.00
86 T	p-Isopropyltoluene	50.000	53.016	-6.0	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.806	-1.6	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.663	0.7	98	0.00
89 T	n-Butylbenzene	50.000	53.331	-6.7	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.152	-0.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.816	0.4	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.915	2.2	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.598	-5.2	101	0.00
94 T	Hexachlorobutadiene	50.000	51.158	-2.3	98	0.00
95 T	Naphthalene	50.000	53.769	-7.5	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.442	-4.9	100	0.00

(#) = Out of Range

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