

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062419\
 Data File : VX010401.D
 Acq On : 24 Jun 2019 10:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 03:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 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	47.050	5.9	98	0.00
3 P	Chloromethane	50.000	44.371	11.3	93	0.00
4 C	Vinyl Chloride	50.000	43.970	12.1#	94	0.00
5 T	Bromomethane	50.000	41.043	17.9	88	0.00
6 T	Chloroethane	50.000	46.482	7.0	97	0.00
7 T	Trichlorofluoromethane	50.000	47.349	5.3	98	0.00
8 T	Diethyl Ether	50.000	47.302	5.4	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.680	4.6	100	0.00
10 T	Methyl Iodide	50.000	40.861	18.3	79	0.00
11 T	Tert butyl alcohol	250.000	204.040	18.4	87	0.00
12 CM	1,1-Dichloroethene	50.000	45.910	8.2#	95	0.00
13 T	Acrolein	250.000	198.400	20.6#	85	0.00
14 T	Allyl chloride	50.000	48.303	3.4	98	0.00
15 T	Acrylonitrile	250.000	232.317	7.1	94	0.00
16 T	Acetone	250.000	274.346	-9.7	106	0.00
17 T	Carbon Disulfide	50.000	45.532	8.9	94	0.00
18 T	Methyl Acetate	50.000	46.461	7.1	96	0.00
19 T	Methyl tert-butyl Ether	50.000	47.525	5.0	98	0.00
20 T	Methylene Chloride	50.000	46.617	6.8	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.253	7.5	96	0.00
22 T	Diisopropyl ether	50.000	47.233	5.5	98	0.00
23 T	Vinyl Acetate	250.000	245.167	1.9	97	0.00
24 P	1,1-Dichloroethane	50.000	47.448	5.1	97	0.00
25 T	2-Butanone	250.000	253.415	-1.4	100	0.00
26 T	2,2-Dichloropropane	50.000	49.617	0.8	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.100	5.8	97	0.00
28 T	Bromochloromethane	50.000	44.045	11.9	92	0.00
29 T	Tetrahydrofuran	250.000	226.776	9.3	92	0.00
30 C	Chloroform	50.000	47.367	5.3#	98	0.00
31 T	Cyclohexane	50.000	47.671	4.7	98	0.00
32 T	1,1,1-Trichloroethane	50.000	48.242	3.5	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.938	8.1	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	48.501	3.0	93	0.00
36 T	1,1-Dichloropropene	50.000	48.762	2.5	98	0.00
37 T	Ethyl Acetate	50.000	49.164	1.7	94	0.00
38 T	Carbon Tetrachloride	50.000	51.410	-2.8	100	0.00
39 T	Methylcyclohexane	50.000	50.670	-1.3	101	0.00
40 TM	Benzene	50.000	48.917	2.2	96	0.00
41 T	Methacrylonitrile	50.000	47.923	4.2	93	0.00
42 TM	1,2-Dichloroethane	50.000	50.740	-1.5	97	0.00
43 T	Isopropyl Acetate	50.000	49.748	0.5	97	0.00
44 TM	Trichloroethene	50.000	49.510	1.0	98	0.00
45 C	1,2-Dichloropropane	50.000	47.931	4.1#	95	0.00

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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)
46 T	Dibromomethane	50.000	48.964	2.1	96	0.00
47 T	Bromodichloromethane	50.000	50.988	-2.0	98	0.00
48 T	Methyl methacrylate	50.000	50.333	-0.7	96	0.00
49 T	1,4-Dioxane	1000.000	907.391	9.3	88	0.00
50 S	Toluene-d8	50.000	47.733	4.5	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.237	2.3	94	0.00
52 CM	Toluene	50.000	49.338	1.3#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.059	-4.1	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.447	-2.9	98	0.00
55 T	1,1,2-Trichloroethane	50.000	49.939	0.1	97	0.00
56 T	Ethyl methacrylate	50.000	50.167	-0.3	95	0.00
57 T	1,3-Dichloropropane	50.000	49.435	1.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.973	3.2	91	0.00
59 T	2-Hexanone	250.000	256.310	-2.5	97	0.00
60 T	Dibromochloromethane	50.000	51.631	-3.3	99	0.00
61 T	1,2-Dibromoethane	50.000	49.512	1.0	96	0.00
62 S	4-Bromofluorobenzene	50.000	48.487	3.0	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	49.791	0.4	99	0.00
65 PM	Chlorobenzene	50.000	50.280	-0.6	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.013	-4.0	97	0.00
67 C	Ethyl Benzene	50.000	50.959	-1.9#	98	0.00
68 T	m/p-Xylenes	100.000	101.868	-1.9	97	0.00
69 T	o-Xylene	50.000	50.363	-0.7	97	0.00
70 T	Styrene	50.000	51.648	-3.3	97	0.00
71 P	Bromoform	50.000	55.461	-10.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	50.004	-0.0	99	0.00
74 T	N-amyl acetate	50.000	50.153	-0.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.266	3.5	95	0.00
76 T	1,2,3-Trichloropropane	50.000	50.348	-0.7	98	0.00
77 T	Bromobenzene	50.000	48.781	2.4	97	0.00
78 T	n-propylbenzene	50.000	50.933	-1.9	99	0.00
79 T	2-Chlorotoluene	50.000	49.718	0.6	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.763	-1.5	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.775	-1.5	97	0.00
82 T	4-Chlorotoluene	50.000	50.647	-1.3	98	0.00
83 T	tert-Butylbenzene	50.000	50.283	-0.6	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.000	-2.0	98	0.00
85 T	sec-Butylbenzene	50.000	51.517	-3.0	100	0.00
86 T	p-Isopropyltoluene	50.000	51.471	-2.9	100	0.00
87 T	1,3-Dichlorobenzene	50.000	49.938	0.1	100	0.00
88 T	1,4-Dichlorobenzene	50.000	48.688	2.6	98	0.00
89 T	n-Butylbenzene	50.000	53.004	-6.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.272	-10.5	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.630	2.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.463	5.1	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.945	-1.9	100	0.00
94 T	Hexachlorobutadiene	50.000	51.344	-2.7	101	0.00
95 T	Naphthalene	50.000	50.276	-0.6	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.708	-3.4	100	0.00

(#) = Out of Range

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