

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121919\
 Data File : VX014136.D
 Acq On : 19 Dec 2019 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 03:49:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	45.028	9.9	86	0.00
3 P	Chloromethane	50.000	47.189	5.6	90	0.00
4 C	Vinyl Chloride	50.000	46.995	6.0#	91	0.00
5 T	Bromomethane	50.000	45.788	8.4	92	0.00
6 T	Chloroethane	50.000	48.335	3.3	94	0.01
7 T	Trichlorofluoromethane	50.000	48.126	3.7	92	0.00
8 T	Diethyl Ether	50.000	47.440	5.1	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.256	5.5	92	0.00
10 T	Methyl Iodide	50.000	47.835	4.3	90	0.00
11 T	Tert butyl alcohol	250.000	234.953	6.0	95	-0.01
12 CM	1,1-Dichloroethene	50.000	48.077	3.8#	93	0.00
13 T	Acrolein	250.000	271.883	-8.8	109	0.00
14 T	Allyl chloride	50.000	50.481	-1.0	96	0.00
15 T	Acrylonitrile	250.000	256.409	-2.6	99	0.00
16 T	Acetone	250.000	178.254	28.7#	66	0.00
17 T	Carbon Disulfide	50.000	47.053	5.9	90	0.00
18 T	Methyl Acetate	50.000	53.458	-6.9	104	0.00
19 T	Methyl tert-butyl Ether	50.000	51.098	-2.2	96	0.00
20 T	Methylene Chloride	50.000	46.733	6.5	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.565	4.9	94	0.00
22 T	Diisopropyl ether	50.000	51.316	-2.6	98	0.00
23 T	Vinyl Acetate	250.000	223.078	10.8	83	0.00
24 P	1,1-Dichloroethane	50.000	49.226	1.5	96	0.00
25 T	2-Butanone	250.000	228.589	8.6	85	0.00
26 T	2,2-Dichloropropane	50.000	46.332	7.3	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.587	0.8	96	0.00
28 T	Bromochloromethane	50.000	52.416	-4.8	96	0.00
29 T	Tetrahydrofuran	250.000	261.704	-4.7	100	0.00
30 C	Chloroform	50.000	50.050	-0.1#	95	0.00
31 T	Cyclohexane	50.000	49.160	1.7	92	0.00
32 T	1,1,1-Trichloroethane	50.000	49.455	1.1	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.457	-0.9	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	50.030	-0.1	95	0.00
36 T	1,1-Dichloropropene	50.000	48.669	2.7	95	0.00
37 T	Ethyl Acetate	50.000	51.479	-3.0	97	0.00
38 T	Carbon Tetrachloride	50.000	50.426	-0.9	95	0.00
39 T	Methylcyclohexane	50.000	46.634	6.7	90	0.00
40 TM	Benzene	50.000	48.774	2.5	95	0.00
41 T	Methacrylonitrile	50.000	51.521	-3.0	101	0.00
42 TM	1,2-Dichloroethane	50.000	49.653	0.7	97	0.00
43 T	Isopropyl Acetate	50.000	51.483	-3.0	99	0.00
44 TM	Trichloroethene	50.000	48.796	2.4	98	0.00
45 C	1,2-Dichloropropane	50.000	49.933	0.1#	97	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	48.512	3.0	97	0.00
47 T	Bromodichloromethane	50.000	50.208	-0.4	95	0.00
48 T	Methyl methacrylate	50.000	51.084	-2.2	97	0.00
49 T	1,4-Dioxane	1000.000	946.924	5.3	94	0.00
50 S	Toluene-d8	50.000	50.272	-0.5	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.300	-0.9	97	0.00
52 CM	Toluene	50.000	48.542	2.9#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	51.247	-2.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.492	-3.0	95	0.00
55 T	1,1,2-Trichloroethane	50.000	49.382	1.2	96	0.00
56 T	Ethyl methacrylate	50.000	51.530	-3.1	95	0.00
57 T	1,3-Dichloropropane	50.000	49.896	0.2	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.236	-3.3	93	0.00
59 T	2-Hexanone	250.000	238.485	4.6	89	0.00
60 T	Dibromochloromethane	50.000	52.237	-4.5	96	0.00
61 T	1,2-Dibromoethane	50.000	50.753	-1.5	96	0.00
62 S	4-Bromofluorobenzene	50.000	49.069	1.9	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	62.420	-24.8#	121	0.00
65 PM	Chlorobenzene	50.000	48.236	3.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.423	-0.8	96	0.00
67 C	Ethyl Benzene	50.000	50.244	-0.5#	94	0.00
68 T	m/p-Xylenes	100.000	98.649	1.4	93	0.00
69 T	o-Xylene	50.000	48.680	2.6	92	0.00
70 T	Styrene	50.000	49.556	0.9	92	0.00
71 P	Bromoform	50.000	51.302	-2.6	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	51.101	-2.2	94	0.00
74 T	N-amyl acetate	50.000	51.188	-2.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.447	3.1	90	0.00
76 T	1,2,3-Trichloropropane	50.000	45.104	9.8	81	0.00
77 T	Bromobenzene	50.000	48.370	3.3	94	0.00
78 T	n-propylbenzene	50.000	51.459	-2.9	93	0.00
79 T	2-Chlorotoluene	50.000	49.755	0.5	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.870	0.3	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.404	-2.8	89	0.00
82 T	4-Chlorotoluene	50.000	49.218	1.6	92	0.00
83 T	tert-Butylbenzene	50.000	45.562	8.9	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.215	-2.4	94	0.00
85 T	sec-Butylbenzene	50.000	50.347	-0.7	92	0.00
86 T	p-Isopropyltoluene	50.000	50.442	-0.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	48.265	3.5	93	0.00
88 T	1,4-Dichlorobenzene	50.000	47.452	5.1	93	0.00
89 T	n-Butylbenzene	50.000	50.389	-0.8	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.595	-1.2	92	0.00
91 T	1,2-Dichlorobenzene	50.000	47.566	4.9	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.635	4.7	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.010	2.0	92	0.00
94 T	Hexachlorobutadiene	50.000	47.607	4.8	91	0.00
95 T	Naphthalene	50.000	53.079	-6.2	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.639	0.7	91	0.00

(#) = Out of Range

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