

Data File : VX005041.D
 Acq On : 05 Oct 2018 01:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 05 05:17:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	51.772	-3.5	64	0.00
3 P	Chloromethane	50.000	48.117	3.8	66	0.00
4 C	Vinyl Chloride	50.000	50.561	-1.1#	69	0.00
5 T	Bromomethane	50.000	64.487	-29.0#	91	0.00
6 T	Chloroethane	50.000	55.767	-11.5	76	0.00
7 T	Trichlorofluoromethane	50.000	52.786	-5.6	70	0.00
8 T	Diethyl Ether	50.000	51.568	-3.1	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.072	-4.1	79	0.00
10 T	Methyl Iodide	50.000	44.863	10.3	56	0.00
11 T	Tert butyl alcohol	250.000	266.942	-6.8	77	0.01
12 CM	1,1-Dichloroethene	50.000	50.628	-1.3#	77	0.00
13 T	Acrolein	250.000	132.674	46.9#	40	0.00
14 T	Allyl chloride	50.000	52.313	-4.6	74	0.00
15 T	Acrylonitrile	250.000	270.480	-8.2	76	0.00
16 T	Acetone	250.000	250.767	-0.3	71	0.00
17 T	Carbon Disulfide	50.000	45.594	8.8	65	0.00
18 T	Methyl Acetate	50.000	64.011	-28.0#	94	0.00
19 T	Methyl tert-butyl Ether	50.000	56.707	-13.4	84	0.00
20 T	Methylene Chloride	50.000	54.808	-9.6	71	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.509	-1.0	71	0.00
22 T	Diisopropyl ether	50.000	54.611	-9.2	77	0.00
23 T	Vinyl Acetate	250.000	256.545	-2.6	70	0.00
24 P	1,1-Dichloroethane	50.000	50.167	-0.3	70	0.00
25 T	2-Butanone	250.000	257.682	-3.1	74	0.00
26 T	2,2-Dichloropropane	50.000	39.819	20.4#	59	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.522	1.0	70	0.00
28 T	Bromochloromethane	50.000	48.684	2.6	73	0.00
29 T	Tetrahydrofuran	250.000	270.474	-8.2	74	0.00
30 C	Chloroform	50.000	49.954	0.1#	76	0.00
31 T	Cyclohexane	50.000	52.714	-5.4	69	0.00
32 T	1,1,1-Trichloroethane	50.000	52.075	-4.2	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.997	0.0	69	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	45.192	9.6	65	0.00
36 T	1,1-Dichloropropene	50.000	46.916	6.2	73	0.00
37 T	Ethyl Acetate	50.000	48.677	2.6	73	0.00
38 T	Carbon Tetrachloride	50.000	45.099	9.8	70	0.00
39 T	Methylcyclohexane	50.000	51.410	-2.8	80	0.00
40 TM	Benzene	50.000	48.274	3.5	76	0.00
41 T	Methacrylonitrile	50.000	49.626	0.7	72	0.00
42 TM	1,2-Dichloroethane	50.000	48.071	3.9	75	0.00
43 T	Isopropyl Acetate	50.000	51.062	-2.1	72	0.00
44 TM	Trichloroethene	50.000	51.673	-3.3	86	0.00
45 C	1,2-Dichloropropane	50.000	54.354	-8.7#	88	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	52.359	-4.7	85	0.00
47 T	Bromodichloromethane	50.000	54.040	-8.1	86	0.00
48 T	Methyl methacrylate	50.000	58.537	-17.1	87	0.00
49 T	1,4-Dioxane	1000.000	1055.950	-5.6	78	0.00
50 S	Toluene-d8	50.000	51.090	-2.2	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.764	-16.3	88	0.00
52 CM	Toluene	50.000	53.053	-6.1#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	52.526	-5.1	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.264	-8.5	83	0.00
55 T	1,1,2-Trichloroethane	50.000	52.012	-4.0	79	0.00
56 T	Ethyl methacrylate	50.000	50.842	-1.7	82	0.00
57 T	1,3-Dichloropropane	50.000	51.690	-3.4	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.361	-4.1	84	0.00
59 T	2-Hexanone	250.000	279.182	-11.7	78	0.00
60 T	Dibromochloromethane	50.000	53.830	-7.7	75	0.00
61 T	1,2-Dibromoethane	50.000	49.747	0.5	71	0.00
62 S	4-Bromofluorobenzene	50.000	54.164	-8.3	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	47.302	5.4	76	0.00
65 PM	Chlorobenzene	50.000	48.507	3.0	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.819	-1.6	85	0.00
67 C	Ethyl Benzene	50.000	51.629	-3.3#	85	0.00
68 T	m/p-Xylenes	100.000	102.873	-2.9	81	0.00
69 T	o-Xylene	50.000	54.491	-9.0	87	0.00
70 T	Styrene	50.000	49.464	1.1	86	0.00
71 P	Bromoform	50.000	51.871	-3.7	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	54.527	-9.1	87	0.00
74 T	N-amyl acetate	50.000	49.922	0.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.804	0.4	90	0.00
76 T	1,2,3-Trichloropropane	50.000	51.479	-3.0	89	0.00
77 T	Bromobenzene	50.000	51.393	-2.8	88	0.00
78 T	n-propylbenzene	50.000	53.941	-7.9	85	0.00
79 T	2-Chlorotoluene	50.000	53.291	-6.6	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.532	-1.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.416	15.2	80	0.00
82 T	4-Chlorotoluene	50.000	53.047	-6.1	86	0.00
83 T	tert-Butylbenzene	50.000	55.477	-11.0	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.111	-2.2	87	0.00
85 T	sec-Butylbenzene	50.000	53.889	-7.8	86	0.00
86 T	p-Isopropyltoluene	50.000	53.628	-7.3	86	0.00
87 T	1,3-Dichlorobenzene	50.000	50.417	-0.8	87	0.00
88 T	1,4-Dichlorobenzene	50.000	49.490	1.0	87	0.00
89 T	n-Butylbenzene	50.000	51.699	-3.4	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100418\
Evaluate Continuing Calibration Report

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.677	-3.4	92	0.00
91 T	1,2-Dichlorobenzene	50.000	49.462	1.1	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.767	-5.5	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.004	-4.0	87	0.00
94 T	Hexachlorobutadiene	50.000	46.078	7.8	84	0.00
95 T	Naphthalene	50.000	51.466	-2.9	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.058	-4.1	88	0.00

(#) = Out of Range

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