

Data File : VW006376.D
 Acq On : 25 Oct 2018 23:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 26 07:30:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	52.363	-4.7	80	0.00
3 P	Chloromethane	50.000	53.174	-6.3	89	0.00
4 C	Vinyl Chloride	50.000	53.037	-6.1#	84	0.00
5 T	Bromomethane	50.000	52.682	-5.4	88	0.00
6 T	Chloroethane	50.000	55.777	-11.6	89	0.00
7 T	Trichlorofluoromethane	50.000	54.908	-9.8	86	0.00
8 T	Diethyl Ether	50.000	54.749	-9.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.802	-9.6	90	0.00
10 T	Methyl Iodide	50.000	56.863	-13.7	92	0.00
11 T	Tert butyl alcohol	250.000	245.165	1.9	86	0.00
12 CM	1,1-Dichloroethene	50.000	54.747	-9.5#	91	0.00
13 T	Acrolein	250.000	226.994	9.2	78	0.00
14 T	Allyl chloride	50.000	53.139	-6.3	87	0.00
15 T	Acrylonitrile	250.000	293.951	-17.6	97	0.00
16 T	Acetone	250.000	288.459	-15.4	100	0.00
17 T	Carbon Disulfide	50.000	49.770	0.5	80	0.00
18 T	Methyl Acetate	50.000	59.938	-19.9	98	0.00
19 T	Methyl tert-butyl Ether	50.000	56.688	-13.4	93	0.00
20 T	Methylene Chloride	50.000	57.347	-14.7	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.619	-13.2	93	0.00
22 T	Diisopropyl ether	50.000	56.697	-13.4	93	0.00
23 T	Vinyl Acetate	250.000	278.636	-11.5	92	0.00
24 P	1,1-Dichloroethane	50.000	58.187	-16.4	94	0.00
25 T	2-Butanone	250.000	285.647	-14.3	98	0.00
26 T	2,2-Dichloropropane	50.000	50.614	-1.2	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.744	-17.5	96	0.00
28 T	Bromochloromethane	50.000	60.133	-20.3#	92	0.00
29 T	Tetrahydrofuran	250.000	279.054	-11.6	94	0.00
30 C	Chloroform	50.000	58.920	-17.8#	97	0.00
31 T	Cyclohexane	50.000	49.501	1.0	86	0.00
32 T	1,1,1-Trichloroethane	50.000	55.225	-10.5	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.497	-1.0	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	50.958	-1.9	82	0.00
36 T	1,1-Dichloropropene	50.000	55.255	-10.5	92	0.00
37 T	Ethyl Acetate	50.000	56.589	-13.2	99	0.00
38 T	Carbon Tetrachloride	50.000	53.301	-6.6	88	0.00
39 T	Methylcyclohexane	50.000	53.312	-6.6	89	0.00
40 TM	Benzene	50.000	57.427	-14.9	96	0.00
41 T	Methacrylonitrile	50.000	53.690	-7.4	88	0.00
42 TM	1,2-Dichloroethane	50.000	58.267	-16.5	97	0.00
43 T	Isopropyl Acetate	50.000	54.973	-9.9	93	0.00
44 TM	Trichloroethene	50.000	57.152	-14.3	95	0.00
45 C	1,2-Dichloropropane	50.000	57.116	-14.2#	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	58.579	-17.2	97	0.00
47 T	Bromodichloromethane	50.000	56.896	-13.8	94	0.00
48 T	Methyl methacrylate	50.000	55.968	-11.9	92	0.00
49 T	1,4-Dioxane	1000.000	1167.916	-16.8	94	0.00
50 S	Toluene-d8	50.000	48.899	2.2	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.448	-13.4	96	0.00
52 CM	Toluene	50.000	57.159	-14.3#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	56.274	-12.5	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.019	-12.0	92	0.00
55 T	1,1,2-Trichloroethane	50.000	59.139	-18.3	99	0.00
56 T	Ethyl methacrylate	50.000	58.233	-16.5	97	0.00
57 T	1,3-Dichloropropane	50.000	58.541	-17.1	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.581	-7.0	92	0.00
59 T	2-Hexanone	250.000	274.192	-9.7	94	0.00
60 T	Dibromochloromethane	50.000	57.559	-15.1	93	0.00
61 T	1,2-Dibromoethane	50.000	59.430	-18.9	98	0.00
62 S	4-Bromofluorobenzene	50.000	50.687	-1.4	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	56.803	-13.6	95	0.00
65 PM	Chlorobenzene	50.000	58.121	-16.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.151	-16.3	95	0.00
67 C	Ethyl Benzene	50.000	57.044	-14.1#	95	0.00
68 T	m/p-Xylenes	100.000	114.332	-14.3	94	0.00
69 T	o-Xylene	50.000	57.706	-15.4	95	0.00
70 T	Styrene	50.000	58.323	-16.6	95	0.00
71 P	Bromoform	50.000	55.907	-11.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	55.660	-11.3	94	0.00
74 T	N-amyl acetate	50.000	52.659	-5.3	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.077	-18.2	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.492	-1.0	88	0.00
77 T	Bromobenzene	50.000	57.619	-15.2	97	0.00
78 T	n-propylbenzene	50.000	55.564	-11.1	93	0.00
79 T	2-Chlorotoluene	50.000	56.018	-12.0	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.634	-11.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.574	-3.1	85	0.00
82 T	4-Chlorotoluene	50.000	56.456	-12.9	94	0.00
83 T	tert-Butylbenzene	50.000	56.099	-12.2	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.854	-11.7	93	0.00
85 T	sec-Butylbenzene	50.000	55.474	-10.9	92	0.00
86 T	p-Isopropyltoluene	50.000	55.965	-11.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	57.148	-14.3	96	0.00
88 T	1,4-Dichlorobenzene	50.000	56.974	-13.9	96	0.00
89 T	n-Butylbenzene	50.000	54.835	-9.7	92	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
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	53.299	-6.6	85	0.00
91 T	1,2-Dichlorobenzene	50.000	57.266	-14.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.329	-8.7	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.614	-13.2	98	0.00
94 T	Hexachlorobutadiene	50.000	55.124	-10.2	94	0.00
95 T	Naphthalene	50.000	58.062	-16.1	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.384	-14.8	98	0.00

(#) = Out of Range

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