

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101618\
 Data File : VW006071.D
 Acq On : 16 Oct 2018 11:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 16 14:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	52.283	-4.6	107	0.00
3 P	Chloromethane	50.000	49.096	1.8	110	0.00
4 C	Vinyl Chloride	50.000	52.196	-4.4#	112	0.00
5 T	Bromomethane	50.000	49.862	0.3	111	0.00
6 T	Chloroethane	50.000	48.637	2.7	104	0.00
7 T	Trichlorofluoromethane	50.000	53.125	-6.3	112	0.00
8 T	Diethyl Ether	50.000	43.533	12.9	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.130	-4.3	115	0.00
10 T	Methyl Iodide	50.000	51.864	-3.7	113	0.00
11 T	Tert butyl alcohol	250.000	233.517	6.6	110	-0.02
12 CM	1,1-Dichloroethene	50.000	50.579	-1.2#	113	0.00
13 T	Acrolein	250.000	249.119	0.4	115	0.00
14 T	Allyl chloride	50.000	51.479	-3.0	114	0.00
15 T	Acrylonitrile	250.000	233.970	6.4	104	0.00
16 T	Acetone	250.000	289.876	-16.0	135	-0.01
17 T	Carbon Disulfide	50.000	52.699	-5.4	114	0.00
18 T	Methyl Acetate	50.000	44.240	11.5	97	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.982	4.0	106	0.00
20 T	Methylene Chloride	50.000	48.323	3.4	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.869	-1.7	112	0.00
22 T	Diisopropyl ether	50.000	49.986	0.0	110	0.00
23 T	Vinyl Acetate	250.000	243.208	2.7	108	0.00
24 P	1,1-Dichloroethane	50.000	50.526	-1.1	110	0.00
25 T	2-Butanone	250.000	236.168	5.5	109	0.00
26 T	2,2-Dichloropropane	50.000	52.964	-5.9	122	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.575	0.8	109	0.00
28 T	Bromochloromethane	50.000	53.402	-6.8	109	0.00
29 T	Tetrahydrofuran	250.000	224.627	10.1	102	-0.01
30 C	Chloroform	50.000	50.208	-0.4#	111	0.00
31 T	Cyclohexane	50.000	49.173	1.7	115	0.00
32 T	1,1,1-Trichloroethane	50.000	51.999	-4.0	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.293	5.4	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	50.177	-0.4	105	0.00
36 T	1,1-Dichloropropene	50.000	52.012	-4.0	113	0.00
37 T	Ethyl Acetate	50.000	47.424	5.2	108	0.00
38 T	Carbon Tetrachloride	50.000	53.396	-6.8	115	0.00
39 T	Methylcyclohexane	50.000	53.269	-6.5	116	0.00
40 TM	Benzene	50.000	51.368	-2.7	112	0.00
41 T	Methacrylonitrile	50.000	46.649	6.7	100	0.00
42 TM	1,2-Dichloroethane	50.000	49.717	0.6	107	0.00
43 T	Isopropyl Acetate	50.000	47.584	4.8	105	0.00
44 TM	Trichloroethene	50.000	52.030	-4.1	113	0.00
45 C	1,2-Dichloropropane	50.000	50.137	-0.3#	109	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	49.253	1.5	107	0.00
47 T	Bromodichloromethane	50.000	51.093	-2.2	110	0.00
48 T	Methyl methacrylate	50.000	47.699	4.6	102	0.00
49 T	1,4-Dioxane	1000.000	945.684	5.4	99	-0.01
50 S	Toluene-d8	50.000	50.673	-1.3	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.979	6.8	103	0.00
52 CM	Toluene	50.000	51.286	-2.6#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	51.836	-3.7	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.740	-3.5	111	0.00
55 T	1,1,2-Trichloroethane	50.000	49.175	1.7	107	0.00
56 T	Ethyl methacrylate	50.000	48.608	2.8	105	0.00
57 T	1,3-Dichloropropane	50.000	48.860	2.3	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.709	9.3	102	0.00
59 T	2-Hexanone	250.000	240.742	3.7	107	0.00
60 T	Dibromochloromethane	50.000	51.415	-2.8	109	0.00
61 T	1,2-Dibromoethane	50.000	49.403	1.2	106	0.00
62 S	4-Bromofluorobenzene	50.000	50.934	-1.9	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	51.029	-2.1	110	0.00
65 PM	Chlorobenzene	50.000	51.301	-2.6	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.956	-5.9	111	0.00
67 C	Ethyl Benzene	50.000	52.508	-5.0#	112	0.00
68 T	m/p-Xylenes	100.000	105.356	-5.4	112	0.00
69 T	o-Xylene	50.000	52.278	-4.6	111	0.00
70 T	Styrene	50.000	52.055	-4.1	109	0.00
71 P	Bromoform	50.000	50.412	-0.8	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	51.673	-3.3	112	0.00
74 T	N-amyl acetate	50.000	48.007	4.0	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.084	3.8	103	0.00
76 T	1,2,3-Trichloropropane	50.000	43.769	12.5	99	0.00
77 T	Bromobenzene	50.000	50.759	-1.5	110	0.00
78 T	n-propylbenzene	50.000	52.118	-4.2	112	0.00
79 T	2-Chlorotoluene	50.000	51.364	-2.7	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.607	-3.2	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.997	-2.0	108	0.00
82 T	4-Chlorotoluene	50.000	52.373	-4.7	113	0.00
83 T	tert-Butylbenzene	50.000	52.283	-4.6	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.933	-3.9	112	0.00
85 T	sec-Butylbenzene	50.000	52.486	-5.0	112	0.00
86 T	p-Isopropyltoluene	50.000	52.583	-5.2	112	0.00
87 T	1,3-Dichlorobenzene	50.000	51.205	-2.4	111	0.00
88 T	1,4-Dichlorobenzene	50.000	50.788	-1.6	110	0.00
89 T	n-Butylbenzene	50.000	53.118	-6.2	114	0.00

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90 T	Hexachloroethane	50.000	53.542	-7.1	111	0.00
91 T	1,2-Dichlorobenzene	50.000	50.325	-0.7	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.728	6.5	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.956	0.1	111	0.00
94 T	Hexachlorobutadiene	50.000	51.888	-3.8	114	0.00
95 T	Naphthalene	50.000	47.609	4.8	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.301	1.4	109	0.00

(#) = Out of Range

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