

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101718\
 Data File : VW006144.D
 Acq On : 18 Oct 2018 00:38
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 18 13:02:25 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	47.485	5.0	89	0.00
3 P	Chloromethane	50.000	46.774	6.5	96	0.00
4 C	Vinyl Chloride	50.000	48.711	2.6#	95	0.00
5 T	Bromomethane	50.000	49.402	1.2	101	0.00
6 T	Chloroethane	50.000	47.981	4.0	94	0.00
7 T	Trichlorofluoromethane	50.000	45.290	9.4	87	0.00
8 T	Diethyl Ether	50.000	50.769	-1.5	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.116	-0.2	102	0.00
10 T	Methyl Iodide	50.000	52.605	-5.2	105	0.00
11 T	Tert butyl alcohol	250.000	263.137	-5.3	114	-0.01
12 CM	1,1-Dichloroethene	50.000	50.594	-1.2#	103	0.00
13 T	Acrolein	250.000	255.761	-2.3	109	-0.01
14 T	Allyl chloride	50.000	50.667	-1.3	103	0.00
15 T	Acrylonitrile	250.000	278.240	-11.3	114	0.00
16 T	Acetone	250.000	263.421	-5.4	113	-0.01
17 T	Carbon Disulfide	50.000	48.356	3.3	96	0.00
18 T	Methyl Acetate	50.000	54.408	-8.8	110	0.00
19 T	Methyl tert-butyl Ether	50.000	53.724	-7.4	109	0.00
20 T	Methylene Chloride	50.000	53.863	-7.7	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.136	-6.3	107	0.00
22 T	Diisopropyl ether	50.000	53.132	-6.3	107	0.00
23 T	Vinyl Acetate	250.000	265.502	-6.2	108	0.00
24 P	1,1-Dichloroethane	50.000	53.490	-7.0	107	0.00
25 T	2-Butanone	250.000	268.702	-7.5	114	0.00
26 T	2,2-Dichloropropane	50.000	45.987	8.0	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.644	-7.3	108	0.00
28 T	Bromochloromethane	50.000	56.401	-12.8	106	0.00
29 T	Tetrahydrofuran	250.000	278.365	-11.3	115	0.00
30 C	Chloroform	50.000	54.387	-8.8#	110	0.00
31 T	Cyclohexane	50.000	46.518	7.0	100	0.00
32 T	1,1,1-Trichloroethane	50.000	51.005	-2.0	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.256	-4.5	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.684	-1.4	101	0.00
36 T	1,1-Dichloropropene	50.000	50.528	-1.1	104	0.00
37 T	Ethyl Acetate	50.000	53.785	-7.6	116	0.00
38 T	Carbon Tetrachloride	50.000	49.711	0.6	102	0.00
39 T	Methylcyclohexane	50.000	48.941	2.1	101	0.00
40 TM	Benzene	50.000	52.066	-4.1	108	0.00
41 T	Methacrylonitrile	50.000	53.520	-7.0	109	0.00
42 TM	1,2-Dichloroethane	50.000	54.269	-8.5	111	0.00
43 T	Isopropyl Acetate	50.000	53.819	-7.6	113	0.00
44 TM	Trichloroethene	50.000	51.997	-4.0	107	0.00
45 C	1,2-Dichloropropane	50.000	52.186	-4.4#	108	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	54.658	-9.3	113	0.00
47 T	Bromodichloromethane	50.000	52.589	-5.2	107	0.00
48 T	Methyl methacrylate	50.000	55.540	-11.1	113	0.00
49 T	1,4-Dioxane	1000.000	1123.887	-12.4	112	-0.01
50 S	Toluene-d8	50.000	49.226	1.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.889	-8.8	114	0.00
52 CM	Toluene	50.000	52.111	-4.2#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	52.161	-4.3	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.895	-3.8	105	0.00
55 T	1,1,2-Trichloroethane	50.000	54.023	-8.0	112	0.00
56 T	Ethyl methacrylate	50.000	55.287	-10.6	114	0.00
57 T	1,3-Dichloropropane	50.000	53.998	-8.0	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.988	-2.0	109	0.00
59 T	2-Hexanone	250.000	266.652	-6.7	113	0.00
60 T	Dibromochloromethane	50.000	53.925	-7.8	108	0.00
61 T	1,2-Dibromoethane	50.000	54.737	-9.5	111	0.00
62 S	4-Bromofluorobenzene	50.000	50.902	-1.8	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	53.610	-7.2	112	0.00
65 PM	Chlorobenzene	50.000	52.387	-4.8	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.710	-5.4	107	0.00
67 C	Ethyl Benzene	50.000	51.917	-3.8#	108	0.00
68 T	m/p-Xylenes	100.000	103.346	-3.3	107	0.00
69 T	o-Xylene	50.000	52.133	-4.3	107	0.00
70 T	Styrene	50.000	53.015	-6.0	108	0.00
71 P	Bromoform	50.000	52.941	-5.9	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	50.734	-1.5	106	0.00
74 T	N-amyl acetate	50.000	52.607	-5.2	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.675	-7.3	110	0.00
76 T	1,2,3-Trichloropropane	50.000	60.145	-20.3#	130	0.00
77 T	Bromobenzene	50.000	52.742	-5.5	109	0.00
78 T	n-propylbenzene	50.000	50.551	-1.1	105	0.00
79 T	2-Chlorotoluene	50.000	51.641	-3.3	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.367	-2.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.810	0.4	102	0.00
82 T	4-Chlorotoluene	50.000	52.272	-4.5	108	0.00
83 T	tert-Butylbenzene	50.000	51.122	-2.2	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.738	-3.5	107	0.00
85 T	sec-Butylbenzene	50.000	50.524	-1.0	104	0.00
86 T	p-Isopropyltoluene	50.000	51.111	-2.2	104	0.00
87 T	1,3-Dichlorobenzene	50.000	52.319	-4.6	109	0.00
88 T	1,4-Dichlorobenzene	50.000	51.853	-3.7	108	0.00
89 T	n-Butylbenzene	50.000	50.431	-0.9	104	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.708	0.6	99	0.00
91 T	1,2-Dichlorobenzene	50.000	52.302	-4.6	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.127	-4.3	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.142	-4.3	111	0.00
94 T	Hexachlorobutadiene	50.000	50.678	-1.4	107	0.00
95 T	Naphthalene	50.000	54.550	-9.1	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.965	-5.9	112	0.00

(#) = Out of Range

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