

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101618\
 Data File : VW006094.D
 Acq On : 16 Oct 2018 23:11
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 17 08:21:30 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	44.675	10.7	78	0.00
3 P	Chloromethane	50.000	47.857	4.3	92	0.00
4 C	Vinyl Chloride	50.000	50.924	-1.8#	93	0.00
5 T	Bromomethane	50.000	55.822	-11.6	107	0.00
6 T	Chloroethane	50.000	52.443	-4.9	97	0.00
7 T	Trichlorofluoromethane	50.000	48.085	3.8	87	0.00
8 T	Diethyl Ether	50.000	51.331	-2.7	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.826	2.3	93	0.00
10 T	Methyl Iodide	50.000	53.004	-6.0	99	0.00
11 T	Tert butyl alcohol	250.000	262.458	-5.0	106	-0.01
12 CM	1,1-Dichloroethene	50.000	52.263	-4.5#	100	0.00
13 T	Acrolein	250.000	266.270	-6.5	106	-0.01
14 T	Allyl chloride	50.000	51.953	-3.9	98	0.00
15 T	Acrylonitrile	250.000	281.454	-12.6	107	0.00
16 T	Acetone	250.000	249.599	0.2	100	-0.01
17 T	Carbon Disulfide	50.000	50.722	-1.4	94	0.00
18 T	Methyl Acetate	50.000	54.556	-9.1	103	0.00
19 T	Methyl tert-butyl Ether	50.000	53.864	-7.7	102	0.00
20 T	Methylene Chloride	50.000	54.133	-8.3	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.939	-7.9	102	0.00
22 T	Diisopropyl ether	50.000	54.855	-9.7	103	0.00
23 T	Vinyl Acetate	250.000	277.048	-10.8	105	0.00
24 P	1,1-Dichloroethane	50.000	55.194	-10.4	103	0.00
25 T	2-Butanone	250.000	269.645	-7.9	107	0.00
26 T	2,2-Dichloropropane	50.000	47.667	4.7	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.087	-10.2	104	0.00
28 T	Bromochloromethane	50.000	57.122	-14.2	100	0.00
29 T	Tetrahydrofuran	250.000	285.001	-14.0	110	0.00
30 C	Chloroform	50.000	55.128	-10.3#	105	0.00
31 T	Cyclohexane	50.000	46.560	6.9	94	0.00
32 T	1,1,1-Trichloroethane	50.000	51.661	-3.3	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.578	-9.2	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	52.968	-5.9	100	0.00
36 T	1,1-Dichloropropene	50.000	50.737	-1.5	99	0.00
37 T	Ethyl Acetate	50.000	53.902	-7.8	111	0.00
38 T	Carbon Tetrachloride	50.000	49.872	0.3	97	0.00
39 T	Methylcyclohexane	50.000	47.890	4.2	94	0.00
40 TM	Benzene	50.000	53.019	-6.0	104	0.00
41 T	Methacrylonitrile	50.000	52.707	-5.4	102	0.00
42 TM	1,2-Dichloroethane	50.000	54.805	-9.6	107	0.00
43 T	Isopropyl Acetate	50.000	55.029	-10.1	109	0.00
44 TM	Trichloroethene	50.000	52.106	-4.2	102	0.00
45 C	1,2-Dichloropropane	50.000	53.598	-7.2#	105	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	55.396	-10.8	108	0.00
47 T	Bromodichloromethane	50.000	54.155	-8.3	105	0.00
48 T	Methyl methacrylate	50.000	55.199	-10.4	107	0.00
49 T	1,4-Dioxane	1000.000	1105.843	-10.6	104	-0.01
50 S	Toluene-d8	50.000	52.754	-5.5	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.903	-10.4	109	0.00
52 CM	Toluene	50.000	52.651	-5.3#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	53.650	-7.3	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.249	-6.5	103	0.00
55 T	1,1,2-Trichloroethane	50.000	54.487	-9.0	107	0.00
56 T	Ethyl methacrylate	50.000	55.590	-11.2	109	0.00
57 T	1,3-Dichloropropane	50.000	53.933	-7.9	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.748	-9.1	110	0.00
59 T	2-Hexanone	250.000	267.980	-7.2	108	0.00
60 T	Dibromochloromethane	50.000	55.189	-10.4	105	0.00
61 T	1,2-Dibromoethane	50.000	55.708	-11.4	108	0.00
62 S	4-Bromofluorobenzene	50.000	53.482	-7.0	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	51.896	-3.8	103	0.00
65 PM	Chlorobenzene	50.000	52.549	-5.1	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.672	-7.3	104	0.00
67 C	Ethyl Benzene	50.000	51.817	-3.6#	102	0.00
68 T	m/p-Xylenes	100.000	104.150	-4.2	102	0.00
69 T	o-Xylene	50.000	52.582	-5.2	103	0.00
70 T	Styrene	50.000	53.714	-7.4	104	0.00
71 P	Bromoform	50.000	54.968	-9.9	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	50.081	-0.2	101	0.00
74 T	N-amyl acetate	50.000	54.248	-8.5	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.812	-9.6	109	0.00
76 T	1,2,3-Trichloropropane	50.000	51.723	-3.4	108	0.00
77 T	Bromobenzene	50.000	52.681	-5.4	106	0.00
78 T	n-propylbenzene	50.000	49.773	0.5	100	0.00
79 T	2-Chlorotoluene	50.000	50.818	-1.6	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.547	-1.1	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.898	-1.8	100	0.00
82 T	4-Chlorotoluene	50.000	51.728	-3.5	104	0.00
83 T	tert-Butylbenzene	50.000	50.048	-0.1	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.975	-2.0	102	0.00
85 T	sec-Butylbenzene	50.000	49.724	0.6	99	0.00
86 T	p-Isopropyltoluene	50.000	49.388	1.2	98	0.00
87 T	1,3-Dichlorobenzene	50.000	51.680	-3.4	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.072	-2.1	103	0.00
89 T	n-Butylbenzene	50.000	48.523	3.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.637	-1.3	97	0.00
91 T	1,2-Dichlorobenzene	50.000	52.281	-4.6	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.135	-4.3	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.374	1.3	102	0.00
94 T	Hexachlorobutadiene	50.000	48.485	3.0	99	0.00
95 T	Naphthalene	50.000	53.011	-6.0	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.400	-0.8	103	0.00

(#) = Out of Range

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