

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090718\
 Data File : VW005202.D
 Acq On : 07 Sep 2018 10:38
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 07 16:17:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	51.550	-3.1	118	0.00
3 P	Chloromethane	50.000	54.389	-8.8	120	0.00
4 C	Vinyl Chloride	50.000	55.126	-10.3#	120	0.00
5 T	Bromomethane	50.000	60.170	-20.3#	118	0.00
6 T	Chloroethane	50.000	51.707	-3.4	110	0.00
7 T	Trichlorofluoromethane	50.000	53.479	-7.0	119	0.00
8 T	Diethyl Ether	50.000	49.983	0.0	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.098	-8.2	120	0.00
10 T	Methyl Iodide	50.000	34.156	31.7#	70	0.00
11 T	Tert butyl alcohol	250.000	319.997	-28.0#	124	0.00
12 CM	1,1-Dichloroethene	50.000	52.889	-5.8#	117	0.00
13 T	Acrolein	250.000	256.188	-2.5	123	0.00
14 T	Allyl chloride	50.000	55.330	-10.7	120	0.00
15 T	Acrylonitrile	250.000	270.326	-8.1	119	0.00
16 T	Acetone	250.000	277.234	-10.9	127	0.00
17 T	Carbon Disulfide	50.000	52.802	-5.6	115	0.00
18 T	Methyl Acetate	50.000	50.545	-1.1	118	0.00
19 T	Methyl tert-butyl Ether	50.000	53.774	-7.5	115	0.00
20 T	Methylene Chloride	50.000	52.806	-5.6	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.108	-0.2	112	0.00
22 T	Diisopropyl ether	50.000	55.827	-11.7	116	0.00
23 T	Vinyl Acetate	250.000	282.168	-12.9	117	0.00
24 P	1,1-Dichloroethane	50.000	51.882	-3.8	115	0.00
25 T	2-Butanone	250.000	275.489	-10.2	124	0.00
26 T	2,2-Dichloropropane	50.000	56.956	-13.9	128	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.625	-1.3	112	0.00
28 T	Bromochloromethane	50.000	50.887	-1.8	113	0.00
29 T	Tetrahydrofuran	250.000	269.738	-7.9	117	0.00
30 C	Chloroform	50.000	49.789	0.4#	112	0.00
31 T	Cyclohexane	50.000	55.798	-11.6	121	0.00
32 T	1,1,1-Trichloroethane	50.000	52.379	-4.8	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.740	8.5	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	47.489	5.0	107	0.00
36 T	1,1-Dichloropropene	50.000	56.285	-12.6	117	0.00
37 T	Ethyl Acetate	50.000	55.347	-10.7	118	0.00
38 T	Carbon Tetrachloride	50.000	53.517	-7.0	113	0.00
39 T	Methylcyclohexane	50.000	60.700	-21.4#	119	0.00
40 TM	Benzene	50.000	53.907	-7.8	111	0.00
41 T	Methacrylonitrile	50.000	52.089	-4.2	107	0.00
42 TM	1,2-Dichloroethane	50.000	49.726	0.5	109	0.00
43 T	Isopropyl Acetate	50.000	56.546	-13.1	119	0.00
44 TM	Trichloroethene	50.000	52.422	-4.8	110	0.00
45 C	1,2-Dichloropropane	50.000	53.909	-7.8#	114	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	49.609	0.8	108	0.00
47 T	Bromodichloromethane	50.000	51.577	-3.2	110	0.00
48 T	Methyl methacrylate	50.000	63.116	-26.2#	128	0.00
49 T	1,4-Dioxane	1000.000	1160.159	-16.0	109	0.00
50 S	Toluene-d8	50.000	52.137	-4.3	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	292.411	-17.0	118	0.00
52 CM	Toluene	50.000	55.682	-11.4#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	55.547	-11.1	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.536	-11.1	115	0.00
55 T	1,1,2-Trichloroethane	50.000	50.772	-1.5	109	0.00
56 T	Ethyl methacrylate	50.000	60.529	-21.1#	119	0.00
57 T	1,3-Dichloropropane	50.000	52.972	-5.9	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.223	-12.5	111	0.00
59 T	2-Hexanone	250.000	325.409	-30.2#	128	0.00
60 T	Dibromochloromethane	50.000	51.119	-2.2	109	0.00
61 T	1,2-Dibromoethane	50.000	52.118	-4.2	111	0.00
62 S	4-Bromofluorobenzene	50.000	53.232	-6.5	113	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	51.863	-3.7	104	0.00
65 PM	Chlorobenzene	50.000	54.569	-9.1	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.265	-4.5	107	0.00
67 C	Ethyl Benzene	50.000	58.706	-17.4#	113	0.00
68 T	m/p-Xylenes	100.000	116.253	-16.3	112	0.00
69 T	o-Xylene	50.000	58.741	-17.5	114	0.00
70 T	Styrene	50.000	58.052	-16.1	110	0.00
71 P	Bromoform	50.000	51.116	-2.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	60.657	-21.3#	114	0.00
74 T	N-amyl acetate	50.000	64.303	-28.6#	124	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.966	-11.9	114	0.00
76 T	1,2,3-Trichloropropane	50.000	54.264	-8.5	115	0.00
77 T	Bromobenzene	50.000	54.361	-8.7	107	0.00
78 T	n-propylbenzene	50.000	61.408	-22.8#	115	0.00
79 T	2-Chlorotoluene	50.000	57.947	-15.9	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	59.766	-19.5	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.007	-22.0#	121	0.00
82 T	4-Chlorotoluene	50.000	57.517	-15.0	112	0.00
83 T	tert-Butylbenzene	50.000	61.422	-22.8#	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.142	-18.3	111	0.00
85 T	sec-Butylbenzene	50.000	61.529	-23.1#	116	0.00
86 T	p-Isopropyltoluene	50.000	61.631	-23.3#	114	0.00
87 T	1,3-Dichlorobenzene	50.000	55.550	-11.1	110	0.00
88 T	1,4-Dichlorobenzene	50.000	54.636	-9.3	109	0.00
89 T	n-Butylbenzene	50.000	64.077	-28.2#	119	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	56.902	-13.8	112	0.00
91 T	1,2-Dichlorobenzene	50.000	55.589	-11.2	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.778	-15.6	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.630	-17.3	111	0.00
94 T	Hexachlorobutadiene	50.000	60.577	-21.2#	116	0.00
95 T	Naphthalene	50.000	54.367	-8.7	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.835	-15.7	110	0.00

(#) = Out of Range

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