

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101918\
 Data File : VW006242.D
 Acq On : 19 Oct 2018 23:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 03:51:21 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	50.979	-2.0	98	0.00
3 P	Chloromethane	50.000	50.098	-0.2	105	0.00
4 C	Vinyl Chloride	50.000	52.030	-4.1#	104	0.00
5 T	Bromomethane	50.000	45.906	8.2	96	0.00
6 T	Chloroethane	50.000	49.790	0.4	100	0.00
7 T	Trichlorofluoromethane	50.000	45.273	9.5	89	0.00
8 T	Diethyl Ether	50.000	53.515	-7.0	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.038	-4.1	108	0.00
10 T	Methyl Iodide	50.000	54.863	-9.7	112	0.00
11 T	Tert butyl alcohol	250.000	254.189	-1.7	112	0.03
12 CM	1,1-Dichloroethene	50.000	52.749	-5.5#	110	0.00
13 T	Acrolein	250.000	250.642	-0.3	109	0.00
14 T	Allyl chloride	50.000	52.286	-4.6	108	0.00
15 T	Acrylonitrile	250.000	283.335	-13.3	118	0.00
16 T	Acetone	250.000	250.868	-0.3	110	0.00
17 T	Carbon Disulfide	50.000	47.953	4.1	98	0.00
18 T	Methyl Acetate	50.000	55.243	-10.5	114	0.00
19 T	Methyl tert-butyl Ether	50.000	55.784	-11.6	116	0.00
20 T	Methylene Chloride	50.000	55.871	-11.7	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.446	-8.9	112	0.00
22 T	Diisopropyl ether	50.000	54.879	-9.8	113	0.00
23 T	Vinyl Acetate	250.000	271.758	-8.7	113	0.00
24 P	1,1-Dichloroethane	50.000	55.302	-10.6	113	0.00
25 T	2-Butanone	250.000	264.477	-5.8	115	0.00
26 T	2,2-Dichloropropane	50.000	45.846	8.3	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.763	-11.5	115	0.00
28 T	Bromochloromethane	50.000	55.998	-12.0	108	0.00
29 T	Tetrahydrofuran	250.000	274.734	-9.9	117	0.00
30 C	Chloroform	50.000	55.708	-11.4#	116	0.00
31 T	Cyclohexane	50.000	47.377	5.2	104	0.00
32 T	1,1,1-Trichloroethane	50.000	51.843	-3.7	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.374	-0.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	49.759	0.5	102	0.00
36 T	1,1-Dichloropropene	50.000	51.421	-2.8	110	0.00
37 T	Ethyl Acetate	50.000	53.768	-7.5	120	0.00
38 T	Carbon Tetrachloride	50.000	49.041	1.9	104	0.00
39 T	Methylcyclohexane	50.000	49.942	0.1	107	0.00
40 TM	Benzene	50.000	53.527	-7.1	114	0.00
41 T	Methacrylonitrile	50.000	53.364	-6.7	112	0.00
42 TM	1,2-Dichloroethane	50.000	55.178	-10.4	117	0.00
43 T	Isopropyl Acetate	50.000	52.812	-5.6	114	0.00
44 TM	Trichloroethene	50.000	53.448	-6.9	114	0.00
45 C	1,2-Dichloropropane	50.000	53.334	-6.7#	114	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	54.763	-9.5	116	0.00
47 T	Bromodichloromethane	50.000	52.516	-5.0	110	0.00
48 T	Methyl methacrylate	50.000	54.642	-9.3	115	0.00
49 T	1,4-Dioxane	1000.000	1175.584	-17.6	121	0.02
50 S	Toluene-d8	50.000	47.883	4.2	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	269.023	-7.6	116	0.00
52 CM	Toluene	50.000	52.814	-5.6#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	52.127	-4.3	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.248	-4.5	110	0.00
55 T	1,1,2-Trichloroethane	50.000	55.533	-11.1	118	0.00
56 T	Ethyl methacrylate	50.000	56.107	-12.2	119	0.00
57 T	1,3-Dichloropropane	50.000	54.951	-9.9	117	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.881	-0.8	111	0.00
59 T	2-Hexanone	250.000	258.100	-3.2	113	0.00
60 T	Dibromochloromethane	50.000	53.156	-6.3	110	0.00
61 T	1,2-Dibromoethane	50.000	56.234	-12.5	118	0.00
62 S	4-Bromofluorobenzene	50.000	50.475	-1.0	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	52.487	-5.0	113	0.00
65 PM	Chlorobenzene	50.000	53.317	-6.6	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.064	-6.1	111	0.00
67 C	Ethyl Benzene	50.000	52.491	-5.0#	112	0.00
68 T	m/p-Xylenes	100.000	105.636	-5.6	112	0.00
69 T	o-Xylene	50.000	53.158	-6.3	113	0.00
70 T	Styrene	50.000	54.132	-8.3	114	0.00
71 P	Bromoform	50.000	50.908	-1.8	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	51.998	-4.0	111	0.00
74 T	N-amyl acetate	50.000	52.373	-4.7	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.655	-11.3	117	0.00
76 T	1,2,3-Trichloropropane	50.000	51.075	-2.2	113	0.00
77 T	Bromobenzene	50.000	54.220	-8.4	115	0.00
78 T	n-propylbenzene	50.000	51.782	-3.6	110	0.00
79 T	2-Chlorotoluene	50.000	52.716	-5.4	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.250	-4.5	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.165	3.7	100	0.00
82 T	4-Chlorotoluene	50.000	53.296	-6.6	113	0.00
83 T	tert-Butylbenzene	50.000	51.965	-3.9	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.918	-5.8	112	0.00
85 T	sec-Butylbenzene	50.000	51.658	-3.3	109	0.00
86 T	p-Isopropyltoluene	50.000	52.166	-4.3	109	0.00
87 T	1,3-Dichlorobenzene	50.000	53.473	-6.9	114	0.00
88 T	1,4-Dichlorobenzene	50.000	52.885	-5.8	113	0.00
89 T	n-Butylbenzene	50.000	51.826	-3.7	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.758	2.5	99	0.00
91 T	1,2-Dichlorobenzene	50.000	53.759	-7.5	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.008	-2.0	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.656	-7.3	117	0.00
94 T	Hexachlorobutadiene	50.000	51.314	-2.6	110	0.00
95 T	Naphthalene	50.000	56.993	-14.0	123	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.972	-9.9	119	0.00

(#) = Out of Range

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