

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122518\
 Data File : VW007880.D
 Acq On : 24 Dec 2018 10:32
 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: Dec 25 03:07:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	51.315	-2.6	106	0.00
3 P	Chloromethane	50.000	68.944	-37.9#	147	0.00
4 C	Vinyl Chloride	50.000	71.227	-42.5#	154	0.00
5 T	Bromomethane	50.000	60.584	-21.2#	136	0.00
6 T	Chloroethane	50.000	67.664	-35.3#	148	0.00
7 T	Trichlorofluoromethane	50.000	52.367	-4.7	113	0.00
8 T	Diethyl Ether	50.000	54.454	-8.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.932	-7.9	116	0.00
10 T	Methyl Iodide	50.000	50.858	-1.7	109	0.00
11 T	Tert butyl alcohol	250.000	242.493	3.0	110	0.00
12 CM	1,1-Dichloroethene	50.000	55.422	-10.8#	120	0.00
13 T	Acrolein	250.000	255.549	-2.2	117	0.00
14 T	Allyl chloride	50.000	62.421	-24.8#	136	0.00
15 T	Acrylonitrile	250.000	259.123	-3.6	110	0.00
16 T	Acetone	250.000	292.597	-17.0	123	0.00
17 T	Carbon Disulfide	50.000	51.274	-2.5	112	0.00
18 T	Methyl Acetate	50.000	56.772	-13.5	116	0.00
19 T	Methyl tert-butyl Ether	50.000	54.549	-9.1	114	0.00
20 T	Methylene Chloride	50.000	63.194	-26.4#	126	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.842	-5.7	116	0.00
22 T	Diisopropyl ether	50.000	59.173	-18.3	125	0.00
23 T	Vinyl Acetate	250.000	276.234	-10.5	116	0.00
24 P	1,1-Dichloroethane	50.000	55.409	-10.8	121	0.00
25 T	2-Butanone	250.000	271.905	-8.8	117	0.00
26 T	2,2-Dichloropropane	50.000	55.913	-11.8	124	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.653	-5.3	114	0.00
28 T	Bromochloromethane	50.000	61.273	-22.5#	131	0.00
29 T	Tetrahydrofuran	250.000	267.734	-7.1	112	0.00
30 C	Chloroform	50.000	50.858	-1.7#	110	0.00
31 T	Cyclohexane	50.000	56.860	-13.7	131	0.00
32 T	1,1,1-Trichloroethane	50.000	52.251	-4.5	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.535	10.9	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	48.105	3.8	100	0.00
36 T	1,1-Dichloropropene	50.000	55.931	-11.9	117	0.00
37 T	Ethyl Acetate	50.000	51.473	-2.9	106	0.00
38 T	Carbon Tetrachloride	50.000	51.243	-2.5	107	0.00
39 T	Methylcyclohexane	50.000	58.705	-17.4	123	0.00
40 TM	Benzene	50.000	55.325	-10.7	117	0.00
41 T	Methacrylonitrile	50.000	57.581	-15.2	117	0.00
42 TM	1,2-Dichloroethane	50.000	49.981	0.0	104	0.00
43 T	Isopropyl Acetate	50.000	53.356	-6.7	109	0.00
44 TM	Trichloroethene	50.000	52.642	-5.3	112	0.00
45 C	1,2-Dichloropropane	50.000	58.436	-16.9#	120	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	49.937	0.1	104	0.00
47 T	Bromodichloromethane	50.000	50.904	-1.8	106	0.00
48 T	Methyl methacrylate	50.000	57.628	-15.3	119	0.00
49 T	1,4-Dioxane	1000.000	1079.046	-7.9	109	0.00
50 S	Toluene-d8	50.000	51.029	-2.1	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.246	-5.7	109	0.00
52 CM	Toluene	50.000	55.274	-10.5#	117	0.00
53 T	t-1,3-Dichloropropene	50.000	53.339	-6.7	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.471	-10.9	117	0.00
55 T	1,1,2-Trichloroethane	50.000	51.346	-2.7	109	0.00
56 T	Ethyl methacrylate	50.000	53.886	-7.8	107	0.00
57 T	1,3-Dichloropropane	50.000	52.142	-4.3	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.030	-13.2	114	0.00
59 T	2-Hexanone	250.000	280.334	-12.1	113	0.00
60 T	Dibromochloromethane	50.000	47.238	5.5	98	0.00
61 T	1,2-Dibromoethane	50.000	49.051	1.9	104	0.00
62 S	4-Bromofluorobenzene	50.000	48.849	2.3	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	53.185	-6.4	110	0.00
65 PM	Chlorobenzene	50.000	53.726	-7.5	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.046	-4.1	106	0.00
67 C	Ethyl Benzene	50.000	57.246	-14.5#	117	0.00
68 T	m/p-Xylenes	100.000	112.085	-12.1	114	0.00
69 T	o-Xylene	50.000	56.758	-13.5	115	0.00
70 T	Styrene	50.000	55.327	-10.7	112	0.00
71 P	Bromoform	50.000	44.446	11.1	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	58.829	-17.7	116	0.00
74 T	N-amyl acetate	50.000	57.273	-14.5	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.991	-4.0	101	0.00
76 T	1,2,3-Trichloropropane	50.000	59.841	-19.7	103	0.00
77 T	Bromobenzene	50.000	52.929	-5.9	103	0.00
78 T	n-propylbenzene	50.000	59.133	-18.3	116	0.00
79 T	2-Chlorotoluene	50.000	57.980	-16.0	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.294	-16.6	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.209	-8.4	102	0.00
82 T	4-Chlorotoluene	50.000	56.816	-13.6	112	0.00
83 T	tert-Butylbenzene	50.000	59.002	-18.0	115	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.808	-15.6	112	0.00
85 T	sec-Butylbenzene	50.000	60.167	-20.3#	118	0.00
86 T	p-Isopropyltoluene	50.000	58.610	-17.2	115	0.00
87 T	1,3-Dichlorobenzene	50.000	54.111	-8.2	108	0.00
88 T	1,4-Dichlorobenzene	50.000	53.768	-7.5	107	0.00
89 T	n-Butylbenzene	50.000	60.044	-20.1#	117	0.00

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90 T	Hexachloroethane	50.000	53.597	-7.2	105	0.00
91 T	1,2-Dichlorobenzene	50.000	52.944	-5.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.685	6.6	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.807	-7.6	106	0.00
94 T	Hexachlorobutadiene	50.000	56.350	-12.7	112	0.00
95 T	Naphthalene	50.000	53.501	-7.0	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.769	-5.5	102	0.00

(#) = Out of Range

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