

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082719\
 Data File : VW012221.D
 Acq On : 27 Aug 2019 19:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 28 06:49:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	53.779	-7.6	96	0.00
3 P	Chloromethane	50.000	53.765	-7.5	102	0.00
4 C	Vinyl Chloride	50.000	53.978	-8.0#	99	0.00
5 T	Bromomethane	50.000	57.610	-15.2	103	0.00
6 T	Chloroethane	50.000	56.553	-13.1	102	0.00
7 T	Trichlorofluoromethane	50.000	59.723	-19.4	108	0.00
8 T	Diethyl Ether	50.000	58.833	-17.7	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.648	-7.3	98	0.00
10 T	Methyl Iodide	50.000	57.376	-14.8	104	0.00
11 T	Tert butyl alcohol	250.000	294.214	-17.7	109	0.00
12 CM	1,1-Dichloroethene	50.000	55.103	-10.2#	101	0.00
13 T	Acrolein	250.000	219.795	12.1	90	0.00
14 T	Allyl chloride	50.000	57.992	-16.0	105	0.00
15 T	Acrylonitrile	250.000	291.740	-16.7	109	0.00
16 T	Acetone	250.000	236.720	5.3	79	0.00
17 T	Carbon Disulfide	50.000	55.759	-11.5	98	0.00
18 T	Methyl Acetate	50.000	58.344	-16.7	111	0.00
19 T	Methyl tert-butyl Ether	50.000	61.018	-22.0#	112	0.00
20 T	Methylene Chloride	50.000	55.661	-11.3	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.538	-13.1	103	0.00
22 T	Diisopropyl ether	50.000	58.467	-16.9	107	0.00
23 T	Vinyl Acetate	250.000	302.467	-21.0#	107	0.00
24 P	1,1-Dichloroethane	50.000	56.505	-13.0	105	0.00
25 T	2-Butanone	250.000	276.346	-10.5	97	0.00
26 T	2,2-Dichloropropane	50.000	56.337	-12.7	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.204	-16.4	106	0.00
28 T	Bromochloromethane	50.000	51.131	-2.3	105	0.00
29 T	Tetrahydrofuran	250.000	297.635	-19.1	107	0.00
30 C	Chloroform	50.000	55.726	-11.5#	105	0.00
31 T	Cyclohexane	50.000	51.956	-3.9	99	0.00
32 T	1,1,1-Trichloroethane	50.000	56.538	-13.1	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.616	-7.2	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	53.628	-7.3	106	0.00
36 T	1,1-Dichloropropene	50.000	54.601	-9.2	102	0.00
37 T	Ethyl Acetate	50.000	56.910	-13.8	107	0.00
38 T	Carbon Tetrachloride	50.000	54.857	-9.7	103	0.00
39 T	Methylcyclohexane	50.000	55.401	-10.8	101	0.00
40 TM	Benzene	50.000	56.133	-12.3	105	0.00
41 T	Methacrylonitrile	50.000	59.314	-18.6	111	0.00
42 TM	1,2-Dichloroethane	50.000	55.806	-11.6	105	0.00
43 T	Isopropyl Acetate	50.000	59.117	-18.2	110	0.00
44 TM	Trichloroethene	50.000	55.833	-11.7	106	0.00
45 C	1,2-Dichloropropane	50.000	56.740	-13.5#	107	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	57.125	-14.2	108	0.00
47 T	Bromodichloromethane	50.000	57.301	-14.6	107	0.00
48 T	Methyl methacrylate	50.000	60.088	-20.2#	109	0.00
49 T	1,4-Dioxane	1000.000	1046.013	-4.6	98	0.00
50 S	Toluene-d8	50.000	53.636	-7.3	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.877	-18.8	110	0.00
52 CM	Toluene	50.000	56.613	-13.2#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	59.008	-18.0	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.816	-15.6	106	0.00
55 T	1,1,2-Trichloroethane	50.000	57.744	-15.5	110	0.00
56 T	Ethyl methacrylate	50.000	60.809	-21.6#	111	0.00
57 T	1,3-Dichloropropane	50.000	57.952	-15.9	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.169	-12.5	113	0.00
59 T	2-Hexanone	250.000	284.320	-13.7	101	0.00
60 T	Dibromochloromethane	50.000	59.091	-18.2	109	0.00
61 T	1,2-Dibromoethane	50.000	58.815	-17.6	109	0.00
62 S	4-Bromofluorobenzene	50.000	53.775	-7.5	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	55.688	-11.4	104	0.00
65 PM	Chlorobenzene	50.000	56.589	-13.2	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.634	-15.3	107	0.00
67 C	Ethyl Benzene	50.000	56.992	-14.0#	107	0.00
68 T	m/p-Xylenes	100.000	114.289	-14.3	107	0.00
69 T	o-Xylene	50.000	57.525	-15.0	106	0.00
70 T	Styrene	50.000	58.134	-16.3	107	0.00
71 P	Bromoform	50.000	60.119	-20.2#	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	56.283	-12.6	105	0.00
74 T	N-amyl acetate	50.000	60.389	-20.8#	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.310	-14.6	109	0.00
76 T	1,2,3-Trichloropropane	50.000	54.003	-8.0	103	0.00
77 T	Bromobenzene	50.000	57.165	-14.3	109	0.00
78 T	n-propylbenzene	50.000	56.049	-12.1	104	0.00
79 T	2-Chlorotoluene	50.000	56.178	-12.4	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.564	-13.1	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.883	-19.8	109	0.00
82 T	4-Chlorotoluene	50.000	56.097	-12.2	106	0.00
83 T	tert-Butylbenzene	50.000	57.507	-15.0	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.680	-13.4	106	0.00
85 T	sec-Butylbenzene	50.000	56.282	-12.6	105	0.00
86 T	p-Isopropyltoluene	50.000	56.753	-13.5	105	0.00
87 T	1,3-Dichlorobenzene	50.000	56.141	-12.3	108	0.00
88 T	1,4-Dichlorobenzene	50.000	56.001	-12.0	107	0.00
89 T	n-Butylbenzene	50.000	56.375	-12.8	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	57.018	-14.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	56.764	-13.5	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.650	-13.3	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.467	-16.9	107	0.00
94 T	Hexachlorobutadiene	50.000	56.422	-12.8	108	0.00
95 T	Naphthalene	50.000	56.577	-13.2	113	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.776	-19.6	109	0.00

(#) = Out of Range

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