

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082919\
 Data File : VW012318.D
 Acq On : 29 Aug 2019 22:04
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 30 08:28:10 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	55.323	-10.6	87	0.00
3 P	Chloromethane	50.000	55.733	-11.5	93	0.00
4 C	Vinyl Chloride	50.000	55.447	-10.9#	89	0.00
5 T	Bromomethane	50.000	56.659	-13.3	89	0.00
6 T	Chloroethane	50.000	56.701	-13.4	90	0.00
7 T	Trichlorofluoromethane	50.000	57.361	-14.7	92	0.00
8 T	Diethyl Ether	50.000	58.448	-16.9	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.800	-11.6	90	0.00
10 T	Methyl Iodide	50.000	58.527	-17.1	93	0.00
11 T	Tert butyl alcohol	250.000	294.516	-17.8	96	0.01
12 CM	1,1-Dichloroethene	50.000	56.696	-13.4#	91	0.00
13 T	Acrolein	250.000	230.929	7.6	83	0.00
14 T	Allyl chloride	50.000	58.564	-17.1	93	0.00
15 T	Acrylonitrile	250.000	296.590	-18.6	97	0.00
16 T	Acetone	250.000	228.817	8.5	67	0.00
17 T	Carbon Disulfide	50.000	55.375	-10.8	85	0.00
18 T	Methyl Acetate	50.000	57.391	-14.8	96	0.00
19 T	Methyl tert-butyl Ether	50.000	60.876	-21.8#	98	0.00
20 T	Methylene Chloride	50.000	55.829	-11.7	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.671	-13.3	91	0.00
22 T	Diisopropyl ether	50.000	59.296	-18.6	96	0.00
23 T	Vinyl Acetate	250.000	301.387	-20.6#	94	0.00
24 P	1,1-Dichloroethane	50.000	57.374	-14.7	93	0.00
25 T	2-Butanone	250.000	271.709	-8.7	84	0.00
26 T	2,2-Dichloropropane	50.000	54.522	-9.0	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.576	-17.2	94	0.00
28 T	Bromochloromethane	50.000	51.392	-2.8	93	0.00
29 T	Tetrahydrofuran	250.000	299.628	-19.9	94	0.00
30 C	Chloroform	50.000	56.794	-13.6#	94	0.00
31 T	Cyclohexane	50.000	51.638	-3.3	87	0.00
32 T	1,1,1-Trichloroethane	50.000	56.546	-13.1	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.041	-4.1	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.633	-3.3	90	0.00
36 T	1,1-Dichloropropene	50.000	55.024	-10.0	91	0.00
37 T	Ethyl Acetate	50.000	57.383	-14.8	95	0.00
38 T	Carbon Tetrachloride	50.000	54.089	-8.2	90	0.00
39 T	Methylcyclohexane	50.000	54.172	-8.3	88	0.00
40 TM	Benzene	50.000	55.738	-11.5	93	0.00
41 T	Methacrylonitrile	50.000	65.067	-30.1#	108	0.00
42 TM	1,2-Dichloroethane	50.000	56.452	-12.9	94	0.00
43 T	Isopropyl Acetate	50.000	58.763	-17.5	97	0.00
44 TM	Trichloroethene	50.000	55.713	-11.4	93	0.00
45 C	1,2-Dichloropropane	50.000	56.122	-12.2#	94	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	56.638	-13.3	95	0.00
47 T	Bromodichloromethane	50.000	56.717	-13.4	93	0.00
48 T	Methyl methacrylate	50.000	58.723	-17.4	94	0.00
49 T	1,4-Dioxane	1000.000	1097.316	-9.7	91	0.01
50 S	Toluene-d8	50.000	51.087	-2.2	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	292.535	-17.0	96	0.00
52 CM	Toluene	50.000	56.620	-13.2#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	56.959	-13.9	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.173	-14.3	93	0.00
55 T	1,1,2-Trichloroethane	50.000	57.298	-14.6	97	0.00
56 T	Ethyl methacrylate	50.000	60.132	-20.3#	97	0.00
57 T	1,3-Dichloropropane	50.000	57.668	-15.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.218	-8.5	96	0.00
59 T	2-Hexanone	250.000	277.663	-11.1	87	0.00
60 T	Dibromochloromethane	50.000	57.825	-15.7	94	0.00
61 T	1,2-Dibromoethane	50.000	57.546	-15.1	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.799	-3.6	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	57.437	-14.9	93	0.00
65 PM	Chlorobenzene	50.000	56.325	-12.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.288	-14.6	93	0.00
67 C	Ethyl Benzene	50.000	57.292	-14.6#	94	0.00
68 T	m/p-Xylenes	100.000	114.826	-14.8	94	0.00
69 T	o-Xylene	50.000	57.713	-15.4	93	0.00
70 T	Styrene	50.000	58.503	-17.0	94	0.00
71 P	Bromoform	50.000	59.118	-18.2	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	57.425	-14.8	93	0.00
74 T	N-amyl acetate	50.000	60.854	-21.7#	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.393	-14.8	95	0.00
76 T	1,2,3-Trichloropropane	50.000	55.011	-10.0	91	0.00
77 T	Bromobenzene	50.000	58.063	-16.1	96	0.00
78 T	n-propylbenzene	50.000	56.983	-14.0	92	0.00
79 T	2-Chlorotoluene	50.000	57.336	-14.7	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.202	-16.4	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.311	-20.6#	96	0.00
82 T	4-Chlorotoluene	50.000	56.787	-13.6	93	0.00
83 T	tert-Butylbenzene	50.000	58.252	-16.5	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.982	-14.0	93	0.00
85 T	sec-Butylbenzene	50.000	56.936	-13.9	93	0.00
86 T	p-Isopropyltoluene	50.000	58.011	-16.0	93	0.00
87 T	1,3-Dichlorobenzene	50.000	57.359	-14.7	96	0.00
88 T	1,4-Dichlorobenzene	50.000	57.252	-14.5	95	0.00
89 T	n-Butylbenzene	50.000	57.297	-14.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.713	-15.4	93	0.00
91 T	1,2-Dichlorobenzene	50.000	57.883	-15.8	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.941	-13.9	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.847	-23.7#	99	0.00
94 T	Hexachlorobutadiene	50.000	58.446	-16.9	97	0.00
95 T	Naphthalene	50.000	58.663	-17.3	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	61.775	-23.5#	98	0.00

(#) = Out of Range

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