

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW060619\
 Data File : VW010721.D
 Acq On : 06 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 07 09:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	49.616	0.8	98	0.00
3 P	Chloromethane	50.000	53.795	-7.6	103	0.00
4 C	Vinyl Chloride	50.000	51.305	-2.6#	97	0.00
5 T	Bromomethane	50.000	53.574	-7.1	103	0.00
6 T	Chloroethane	50.000	54.665	-9.3	98	0.00
7 T	Trichlorofluoromethane	50.000	53.066	-6.1	96	0.00
8 T	Diethyl Ether	50.000	58.100	-16.2	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.614	-7.2	95	0.00
10 T	Methyl Iodide	50.000	50.786	-1.6	95	0.00
11 T	Tert butyl alcohol	250.000	353.443	-41.4#	134	0.00
12 CM	1,1-Dichloroethene	50.000	54.312	-8.6#	98	0.00
13 T	Acrolein	250.000	271.513	-8.6	90	0.00
14 T	Allyl chloride	50.000	58.081	-16.2	103	0.00
15 T	Acrylonitrile	250.000	302.188	-20.9#	112	0.00
16 T	Acetone	250.000	289.423	-15.8	99	0.00
17 T	Carbon Disulfide	50.000	54.081	-8.2	99	0.00
18 T	Methyl Acetate	50.000	61.803	-23.6#	119	0.00
19 T	Methyl tert-butyl Ether	50.000	59.412	-18.8	107	0.00
20 T	Methylene Chloride	50.000	55.855	-11.7	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.738	-11.5	98	0.00
22 T	Diisopropyl ether	50.000	59.201	-18.4	105	0.00
23 T	Vinyl Acetate	250.000	297.809	-19.1	105	0.00
24 P	1,1-Dichloroethane	50.000	57.684	-15.4	103	0.00
25 T	2-Butanone	250.000	304.912	-22.0#	107	0.00
26 T	2,2-Dichloropropane	50.000	54.092	-8.2	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.957	-15.9	103	0.00
28 T	Bromochloromethane	50.000	57.620	-15.2	100	0.00
29 T	Tetrahydrofuran	250.000	305.968	-22.4#	114	0.00
30 C	Chloroform	50.000	58.054	-16.1#	104	0.00
31 T	Cyclohexane	50.000	50.535	-1.1	95	0.00
32 T	1,1,1-Trichloroethane	50.000	56.740	-13.5	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.057	-2.1	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	49.965	0.1	85	0.00
36 T	1,1-Dichloropropene	50.000	52.748	-5.5	98	0.00
37 T	Ethyl Acetate	50.000	58.267	-16.5	112	0.00
38 T	Carbon Tetrachloride	50.000	53.163	-6.3	97	0.00
39 T	Methylcyclohexane	50.000	51.156	-2.3	94	0.00
40 TM	Benzene	50.000	54.351	-8.7	101	0.00
41 T	Methacrylonitrile	50.000	57.454	-14.9	109	0.00
42 TM	1,2-Dichloroethane	50.000	56.948	-13.9	106	0.00
43 T	Isopropyl Acetate	50.000	58.767	-17.5	111	0.00
44 TM	Trichloroethene	50.000	53.598	-7.2	100	0.00
45 C	1,2-Dichloropropane	50.000	56.120	-12.2#	104	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	56.666	-13.3	106	0.00
47 T	Bromodichloromethane	50.000	57.399	-14.8	106	0.00
48 T	Methyl methacrylate	50.000	59.473	-18.9	110	0.00
49 T	1,4-Dioxane	1000.000	1212.968	-21.3#	122	0.00
50 S	Toluene-d8	50.000	46.180	7.6	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.622	-19.4	114	0.00
52 CM	Toluene	50.000	54.607	-9.2#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	56.754	-13.5	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.417	-12.8	103	0.00
55 T	1,1,2-Trichloroethane	50.000	56.996	-14.0	106	0.00
56 T	Ethyl methacrylate	50.000	59.155	-18.3	110	0.00
57 T	1,3-Dichloropropane	50.000	56.589	-13.2	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.361	-4.5	104	0.00
59 T	2-Hexanone	250.000	294.653	-17.9	110	0.00
60 T	Dibromochloromethane	50.000	58.093	-16.2	106	0.00
61 T	1,2-Dibromoethane	50.000	56.498	-13.0	105	0.00
62 S	4-Bromofluorobenzene	50.000	47.787	4.4	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	55.023	-10.0	102	0.00
65 PM	Chlorobenzene	50.000	54.424	-8.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.249	-12.5	104	0.00
67 C	Ethyl Benzene	50.000	54.376	-8.8#	103	0.00
68 T	m/p-Xylenes	100.000	108.804	-8.8	103	0.00
69 T	o-Xylene	50.000	54.933	-9.9	103	0.00
70 T	Styrene	50.000	56.014	-12.0	105	0.00
71 P	Bromoform	50.000	58.532	-17.1	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	51.785	-3.6	101	0.00
74 T	N-amyl acetate	50.000	57.929	-15.9	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.907	-9.8	109	0.00
76 T	1,2,3-Trichloropropane	50.000	56.866	-13.7	115	0.00
77 T	Bromobenzene	50.000	53.646	-7.3	104	0.00
78 T	n-propylbenzene	50.000	52.243	-4.5	101	0.00
79 T	2-Chlorotoluene	50.000	53.322	-6.6	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.280	-6.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.703	-9.4	105	0.00
82 T	4-Chlorotoluene	50.000	53.288	-6.6	105	0.00
83 T	tert-Butylbenzene	50.000	54.203	-8.4	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.517	-7.0	105	0.00
85 T	sec-Butylbenzene	50.000	51.773	-3.5	101	0.00
86 T	p-Isopropyltoluene	50.000	52.873	-5.7	103	0.00
87 T	1,3-Dichlorobenzene	50.000	53.133	-6.3	103	0.00
88 T	1,4-Dichlorobenzene	50.000	53.151	-6.3	106	0.00
89 T	n-Butylbenzene	50.000	52.628	-5.3	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.736	-7.5	102	0.00
91 T	1,2-Dichlorobenzene	50.000	53.453	-6.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.901	-19.8	121	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.381	-10.8	106	0.00
94 T	Hexachlorobutadiene	50.000	53.455	-6.9	104	0.00
95 T	Naphthalene	50.000	58.037	-16.1	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.738	-13.5	109	0.00

(#) = Out of Range

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