

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092319\
 Data File : VW013221.D
 Acq On : 23 Sep 2019 10:32
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 06:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	51.984	-4.0	116	0.00
3 P	Chloromethane	50.000	45.958	8.1	105	0.00
4 C	Vinyl Chloride	50.000	49.820	0.4#	110	0.00
5 T	Bromomethane	50.000	49.518	1.0	106	0.00
6 T	Chloroethane	50.000	49.590	0.8	105	0.00
7 T	Trichlorofluoromethane	50.000	49.858	0.3	106	0.00
8 T	Diethyl Ether	50.000	48.176	3.6	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.859	-1.7	108	0.00
10 T	Methyl Iodide	50.000	49.931	0.1	104	0.00
11 T	Tert butyl alcohol	250.000	234.413	6.2	109	0.01
12 CM	1,1-Dichloroethene	50.000	50.896	-1.8#	108	0.00
13 T	Acrolein	250.000	262.590	-5.0	104	0.00
14 T	Allyl chloride	50.000	51.925	-3.8	108	0.00
15 T	Acrylonitrile	250.000	247.042	1.2	106	0.00
16 T	Acetone	250.000	291.114	-16.4	128	0.00
17 T	Carbon Disulfide	50.000	52.555	-5.1	109	0.00
18 T	Methyl Acetate	50.000	45.677	8.6	103	0.00
19 T	Methyl tert-butyl Ether	50.000	50.387	-0.8	105	0.00
20 T	Methylene Chloride	50.000	50.615	-1.2	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.754	-1.5	106	0.00
22 T	Diisopropyl ether	50.000	50.651	-1.3	104	0.00
23 T	Vinyl Acetate	250.000	258.004	-3.2	107	0.00
24 P	1,1-Dichloroethane	50.000	49.961	0.1	104	0.00
25 T	2-Butanone	250.000	251.168	-0.5	112	0.00
26 T	2,2-Dichloropropane	50.000	52.461	-4.9	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.104	-0.2	104	0.00
28 T	Bromochloromethane	50.000	54.590	-9.2	105	0.00
29 T	Tetrahydrofuran	250.000	242.910	2.8	105	0.00
30 C	Chloroform	50.000	48.328	3.3#	104	0.00
31 T	Cyclohexane	50.000	48.779	2.4	107	0.00
32 T	1,1,1-Trichloroethane	50.000	50.157	-0.3	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.632	-1.3	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	54.109	-8.2	110	0.00
36 T	1,1-Dichloropropene	50.000	51.621	-3.2	107	0.00
37 T	Ethyl Acetate	50.000	49.930	0.1	106	0.00
38 T	Carbon Tetrachloride	50.000	52.201	-4.4	106	0.00
39 T	Methylcyclohexane	50.000	52.588	-5.2	106	0.00
40 TM	Benzene	50.000	51.721	-3.4	106	0.00
41 T	Methacrylonitrile	50.000	56.783	-13.6	116	0.00
42 TM	1,2-Dichloroethane	50.000	50.413	-0.8	103	0.00
43 T	Isopropyl Acetate	50.000	50.690	-1.4	106	0.00
44 TM	Trichloroethene	50.000	51.073	-2.1	105	0.00
45 C	1,2-Dichloropropane	50.000	50.771	-1.5#	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	49.931	0.1	103	0.00
47 T	Bromodichloromethane	50.000	51.951	-3.9	105	0.00
48 T	Methyl methacrylate	50.000	54.466	-8.9	113	0.00
49 T	1,4-Dioxane	1000.000	918.094	8.2	108	0.00
50 S	Toluene-d8	50.000	53.618	-7.2	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.436	-0.2	104	0.00
52 CM	Toluene	50.000	51.670	-3.3#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	52.934	-5.9	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.123	-6.2	108	0.00
55 T	1,1,2-Trichloroethane	50.000	50.954	-1.9	106	0.00
56 T	Ethyl methacrylate	50.000	52.798	-5.6	106	0.00
57 T	1,3-Dichloropropane	50.000	51.014	-2.0	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.122	-8.4	105	0.00
59 T	2-Hexanone	250.000	273.771	-9.5	114	0.00
60 T	Dibromochloromethane	50.000	53.661	-7.3	108	0.00
61 T	1,2-Dibromoethane	50.000	51.184	-2.4	107	0.00
62 S	4-Bromofluorobenzene	50.000	53.097	-6.2	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	51.538	-3.1	106	0.00
65 PM	Chlorobenzene	50.000	50.391	-0.8	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.143	-4.3	105	0.00
67 C	Ethyl Benzene	50.000	51.860	-3.7#	104	0.00
68 T	m/p-Xylenes	100.000	104.176	-4.2	104	0.00
69 T	o-Xylene	50.000	51.808	-3.6	105	0.00
70 T	Styrene	50.000	52.721	-5.4	105	0.00
71 P	Bromoform	50.000	53.081	-6.2	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	52.041	-4.1	106	0.00
74 T	N-amyl acetate	50.000	51.505	-3.0	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.373	-0.7	106	0.00
76 T	1,2,3-Trichloropropane	50.000	53.642	-7.3	105	0.00
77 T	Bromobenzene	50.000	50.834	-1.7	102	0.00
78 T	n-propylbenzene	50.000	52.177	-4.4	105	0.00
79 T	2-Chlorotoluene	50.000	51.695	-3.4	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.560	-3.1	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.735	-7.5	110	0.00
82 T	4-Chlorotoluene	50.000	51.123	-2.2	106	0.00
83 T	tert-Butylbenzene	50.000	52.036	-4.1	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.439	-2.9	104	0.00
85 T	sec-Butylbenzene	50.000	52.147	-4.3	105	0.00
86 T	p-Isopropyltoluene	50.000	52.146	-4.3	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.913	-1.8	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.491	-3.0	105	0.00
89 T	n-Butylbenzene	50.000	53.162	-6.3	106	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	53.844	-7.7	108	0.00
91 T	1,2-Dichlorobenzene	50.000	51.772	-3.5	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.308	-0.6	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.561	-9.1	109	0.00
94 T	Hexachlorobutadiene	50.000	51.117	-2.2	105	0.00
95 T	Naphthalene	50.000	55.656	-11.3	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.176	-8.4	109	0.00

(#) = Out of Range

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