

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090319\
 Data File : VW012535.D
 Acq On : 03 Sep 2019 09:08
 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 03 14:12:11 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	52.225	-4.5	86	0.00
3 P	Chloromethane	50.000	46.463	7.1	81	0.00
4 C	Vinyl Chloride	50.000	46.775	6.5#	79	0.00
5 T	Bromomethane	50.000	45.952	8.1	76	0.00
6 T	Chloroethane	50.000	47.539	4.9	79	0.00
7 T	Trichlorofluoromethane	50.000	56.482	-13.0	95	0.00
8 T	Diethyl Ether	50.000	49.549	0.9	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.258	1.5	83	0.00
10 T	Methyl Iodide	50.000	51.400	-2.8	86	0.00
11 T	Tert butyl alcohol	250.000	257.780	-3.1	88	0.02
12 CM	1,1-Dichloroethene	50.000	50.531	-1.1#	85	0.00
13 T	Acrolein	250.000	217.181	13.1	82	0.00
14 T	Allyl chloride	50.000	50.538	-1.1	85	0.00
15 T	Acrylonitrile	250.000	250.767	-0.3	86	0.00
16 T	Acetone	250.000	271.275	-8.5	84	0.01
17 T	Carbon Disulfide	50.000	46.821	6.4	76	0.00
18 T	Methyl Acetate	50.000	48.157	3.7	85	0.00
19 T	Methyl tert-butyl Ether	50.000	54.167	-8.3	92	0.00
20 T	Methylene Chloride	50.000	46.747	6.5	84	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.105	1.8	83	0.00
22 T	Diisopropyl ether	50.000	49.868	0.3	85	0.00
23 T	Vinyl Acetate	250.000	255.631	-2.3	84	0.00
24 P	1,1-Dichloroethane	50.000	49.491	1.0	85	0.00
25 T	2-Butanone	250.000	256.045	-2.4	83	0.00
26 T	2,2-Dichloropropane	50.000	53.802	-7.6	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.597	-1.2	85	0.00
28 T	Bromochloromethane	50.000	45.535	8.9	86	0.00
29 T	Tetrahydrofuran	250.000	252.279	-0.9	83	0.00
30 C	Chloroform	50.000	50.067	-0.1#	87	0.00
31 T	Cyclohexane	50.000	45.075	9.8	79	0.00
32 T	1,1,1-Trichloroethane	50.000	52.154	-4.3	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.556	2.9	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	51.125	-2.3	88	0.00
36 T	1,1-Dichloropropene	50.000	51.790	-3.6	85	0.00
37 T	Ethyl Acetate	50.000	49.426	1.1	81	0.00
38 T	Carbon Tetrachloride	50.000	53.237	-6.5	87	0.00
39 T	Methylcyclohexane	50.000	49.651	0.7	79	0.00
40 TM	Benzene	50.000	51.115	-2.2	84	0.00
41 T	Methacrylonitrile	50.000	52.172	-4.3	86	0.00
42 TM	1,2-Dichloroethane	50.000	52.477	-5.0	86	0.00
43 T	Isopropyl Acetate	50.000	52.489	-5.0	86	0.00
44 TM	Trichloroethene	50.000	53.498	-7.0	88	0.00
45 C	1,2-Dichloropropane	50.000	49.881	0.2#	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.648	-3.3	86	0.00
47 T	Bromodichloromethane	50.000	52.586	-5.2	85	0.00
48 T	Methyl methacrylate	50.000	52.831	-5.7	84	0.00
49 T	1,4-Dioxane	1000.000	999.796	0.0	82	0.01
50 S	Toluene-d8	50.000	50.389	-0.8	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.562	-5.4	85	0.00
52 CM	Toluene	50.000	51.742	-3.5#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	54.406	-8.8	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.017	-6.0	85	0.00
55 T	1,1,2-Trichloroethane	50.000	52.119	-4.2	87	0.00
56 T	Ethyl methacrylate	50.000	54.333	-8.7	86	0.00
57 T	1,3-Dichloropropane	50.000	52.594	-5.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.905	-6.0	93	0.00
59 T	2-Hexanone	250.000	274.912	-10.0	85	0.00
60 T	Dibromochloromethane	50.000	53.517	-7.0	86	0.00
61 T	1,2-Dibromoethane	50.000	52.442	-4.9	85	0.00
62 S	4-Bromofluorobenzene	50.000	50.451	-0.9	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	52.549	-5.1	84	0.00
65 PM	Chlorobenzene	50.000	52.946	-5.9	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.089	-8.2	87	0.00
67 C	Ethyl Benzene	50.000	52.799	-5.6#	86	0.00
68 T	m/p-Xylenes	100.000	105.814	-5.8	85	0.00
69 T	o-Xylene	50.000	53.175	-6.3	85	0.00
70 T	Styrene	50.000	53.353	-6.7	84	0.00
71 P	Bromoform	50.000	56.087	-12.2	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	52.133	-4.3	85	0.00
74 T	N-amyl acetate	50.000	52.842	-5.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.537	-1.1	84	0.00
76 T	1,2,3-Trichloropropane	50.000	48.264	3.5	81	0.00
77 T	Bromobenzene	50.000	52.607	-5.2	88	0.00
78 T	n-propylbenzene	50.000	51.730	-3.5	84	0.00
79 T	2-Chlorotoluene	50.000	51.100	-2.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.321	-4.6	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.490	-9.0	87	0.00
82 T	4-Chlorotoluene	50.000	51.297	-2.6	85	0.00
83 T	tert-Butylbenzene	50.000	53.508	-7.0	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.880	-3.8	85	0.00
85 T	sec-Butylbenzene	50.000	51.657	-3.3	85	0.00
86 T	p-Isopropyltoluene	50.000	52.774	-5.5	86	0.00
87 T	1,3-Dichlorobenzene	50.000	51.848	-3.7	88	0.00
88 T	1,4-Dichlorobenzene	50.000	51.942	-3.9	87	0.00
89 T	n-Butylbenzene	50.000	52.088	-4.2	84	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	51.079	-2.2	83	0.00
91 T	1,2-Dichlorobenzene	50.000	52.317	-4.6	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.017	-0.0	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.751	-7.5	87	0.00
94 T	Hexachlorobutadiene	50.000	54.200	-8.4	91	0.00
95 T	Naphthalene	50.000	50.333	-0.7	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.693	-9.4	88	0.00

(#) = Out of Range

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