

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082719\
 Data File : VW012198.D
 Acq On : 27 Aug 2019 08:39
 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: Aug 28 05:08:11 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	51.040	-2.1	103	0.00
3 P	Chloromethane	50.000	47.192	5.6	101	0.00
4 C	Vinyl Chloride	50.000	50.781	-1.6#	105	0.00
5 T	Bromomethane	50.000	49.372	1.3	100	0.00
6 T	Chloroethane	50.000	50.373	-0.7	103	0.00
7 T	Trichlorofluoromethane	50.000	54.506	-9.0	112	0.00
8 T	Diethyl Ether	50.000	47.701	4.6	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.188	-0.4	104	0.00
10 T	Methyl Iodide	50.000	50.880	-1.8	104	0.00
11 T	Tert butyl alcohol	250.000	225.553	9.8	95	0.01
12 CM	1,1-Dichloroethene	50.000	50.271	-0.5#	104	0.00
13 T	Acrolein	250.000	210.163	15.9	97	0.00
14 T	Allyl chloride	50.000	52.258	-4.5	107	0.00
15 T	Acrylonitrile	250.000	229.792	8.1	97	0.00
16 T	Acetone	250.000	248.449	0.6	94	0.00
17 T	Carbon Disulfide	50.000	51.830	-3.7	103	0.00
18 T	Methyl Acetate	50.000	43.412	13.2	94	0.00
19 T	Methyl tert-butyl Ether	50.000	48.646	2.7	101	0.00
20 T	Methylene Chloride	50.000	45.342	9.3	100	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.726	0.5	103	0.00
22 T	Diisopropyl ether	50.000	49.226	1.5	102	0.00
23 T	Vinyl Acetate	250.000	247.372	1.1	99	0.00
24 P	1,1-Dichloroethane	50.000	49.230	1.5	103	0.00
25 T	2-Butanone	250.000	235.799	5.7	94	0.00
26 T	2,2-Dichloropropane	50.000	52.066	-4.1	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.619	0.8	102	0.00
28 T	Bromochloromethane	50.000	46.882	6.2	109	0.00
29 T	Tetrahydrofuran	250.000	230.818	7.7	94	0.00
30 C	Chloroform	50.000	48.026	3.9#	102	0.00
31 T	Cyclohexane	50.000	48.007	4.0	104	0.00
32 T	1,1,1-Trichloroethane	50.000	49.846	0.3	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.207	7.6	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	48.583	2.8	106	0.00
36 T	1,1-Dichloropropene	50.000	50.828	-1.7	105	0.00
37 T	Ethyl Acetate	50.000	45.749	8.5	95	0.00
38 T	Carbon Tetrachloride	50.000	50.687	-1.4	105	0.00
39 T	Methylcyclohexane	50.000	52.185	-4.4	105	0.00
40 TM	Benzene	50.000	49.604	0.8	103	0.00
41 T	Methacrylonitrile	50.000	47.952	4.1	99	0.00
42 TM	1,2-Dichloroethane	50.000	47.123	5.8	98	0.00
43 T	Isopropyl Acetate	50.000	47.052	5.9	97	0.00
44 TM	Trichloroethene	50.000	50.403	-0.8	105	0.00
45 C	1,2-Dichloropropane	50.000	48.451	3.1#	101	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	47.685	4.6	100	0.00
47 T	Bromodichloromethane	50.000	48.562	2.9	100	0.00
48 T	Methyl methacrylate	50.000	48.617	2.8	97	0.00
49 T	1,4-Dioxane	1000.000	816.530	18.3	85	0.01
50 S	Toluene-d8	50.000	49.856	0.3	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.353	5.9	96	0.00
52 CM	Toluene	50.000	49.933	0.1#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	50.008	-0.0	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.246	-0.5	102	0.00
55 T	1,1,2-Trichloroethane	50.000	47.431	5.1	100	0.00
56 T	Ethyl methacrylate	50.000	49.624	0.8	100	0.00
57 T	1,3-Dichloropropane	50.000	48.077	3.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.421	0.6	110	0.00
59 T	2-Hexanone	250.000	246.066	1.6	96	0.00
60 T	Dibromochloromethane	50.000	49.290	1.4	100	0.00
61 T	1,2-Dibromoethane	50.000	48.664	2.7	100	0.00
62 S	4-Bromofluorobenzene	50.000	49.204	1.6	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	51.169	-2.3	103	0.00
65 PM	Chlorobenzene	50.000	49.836	0.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.234	-0.5	101	0.00
67 C	Ethyl Benzene	50.000	51.740	-3.5#	105	0.00
68 T	m/p-Xylenes	100.000	103.236	-3.2	104	0.00
69 T	o-Xylene	50.000	51.272	-2.5	103	0.00
70 T	Styrene	50.000	51.256	-2.5	102	0.00
71 P	Bromoform	50.000	50.078	-0.2	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	52.135	-4.3	104	0.00
74 T	N-amyl acetate	50.000	50.613	-1.2	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.056	5.9	96	0.00
76 T	1,2,3-Trichloropropane	50.000	45.666	8.7	94	0.00
77 T	Bromobenzene	50.000	50.140	-0.3	102	0.00
78 T	n-propylbenzene	50.000	52.155	-4.3	104	0.00
79 T	2-Chlorotoluene	50.000	50.278	-0.6	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.785	-3.6	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.997	-2.0	100	0.00
82 T	4-Chlorotoluene	50.000	50.605	-1.2	103	0.00
83 T	tert-Butylbenzene	50.000	52.373	-4.7	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.041	-2.1	103	0.00
85 T	sec-Butylbenzene	50.000	52.614	-5.2	106	0.00
86 T	p-Isopropyltoluene	50.000	52.871	-5.7	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.421	-0.8	104	0.00
88 T	1,4-Dichlorobenzene	50.000	49.704	0.6	102	0.00
89 T	n-Butylbenzene	50.000	53.695	-7.4	106	0.00

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90 T	Hexachloroethane	50.000	52.488	-5.0	104	0.00
91 T	1,2-Dichlorobenzene	50.000	49.657	0.7	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.703	4.6	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.978	-8.0	107	0.00
94 T	Hexachlorobutadiene	50.000	53.483	-7.0	110	0.00
95 T	Naphthalene	50.000	49.458	1.1	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.792	-7.6	106	0.00

(#) = Out of Range

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