

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011719\
 Data File : VF061436.D
 Acq On : 17 Jan 2019 10:56
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 18 03:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	111	-0.02
2 T	Dichlorodifluoromethane	50.000	47.290	5.4	104	0.00
3 P	Chloromethane	50.000	44.992	10.0	108	0.00
4 C	Vinyl Chloride	50.000	47.929	4.1#	114	0.00
5 T	Bromomethane	50.000	52.331	-4.7	114	-0.02
6 T	Chloroethane	50.000	54.987	-10.0	115	-0.01
7 T	Trichlorofluoromethane	50.000	43.388	13.2	101	-0.01
8 T	Diethyl Ether	50.000	49.183	1.6	111	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.418	7.2	109	-0.02
10 T	Methyl Iodide	50.000	47.920	4.2	107	-0.03
11 T	Tert butyl alcohol	250.000	204.287	18.3	93	0.00
12 CM	1,1-Dichloroethene	50.000	51.656	-3.3#	120	-0.01
13 T	Acrolein	250.000	297.498	-19.0	133	0.00
14 T	Allyl chloride	50.000	71.906	-43.8#	148	-0.01
15 T	Acrylonitrile	250.000	242.247	3.1	119	0.00
16 T	Acetone	250.000	260.072	-4.0	120	0.00
17 T	Carbon Disulfide	50.000	51.097	-2.2	116	-0.01
18 T	Methyl Acetate	50.000	43.508	13.0	104	0.00
19 T	Methyl tert-butyl Ether	50.000	42.834	14.3	95	-0.01
20 T	Methylene Chloride	50.000	50.477	-1.0	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.460	3.1	117	-0.01
22 T	Diisopropyl ether	50.000	45.792	8.4	102	-0.01
23 T	Vinyl Acetate	250.000	264.320	-5.7	107	-0.01
24 P	1,1-Dichloroethane	50.000	48.821	2.4	110	-0.01
25 T	2-Butanone	250.000	257.231	-2.9	118	-0.01
26 T	2,2-Dichloropropane	50.000	46.609	6.8	116	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.626	0.7	111	-0.01
28 T	Bromochloromethane	50.000	50.061	-0.1	120	-0.02
29	Tetrahydrofuran	250.000	221.104	11.6	96	-0.02
30 C	Chloroform	50.000	46.526	6.9#	102	-0.01
31 T	Cyclohexane	50.000	50.915	-1.8	119	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.374	3.3	128	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.432	5.1	103	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.02
35 S	Dibromofluoromethane	50.000	51.272	-2.5	108	-0.02
36 T	1,1-Dichloropropene	50.000	51.788	-3.6	109	-0.01
37 T	Ethyl Acetate	50.000	50.105	-0.2	107	-0.01
38 T	Carbon Tetrachloride	50.000	47.997	4.0	110	-0.01
39 T	Methylcyclohexane	50.000	51.913	-3.8	122	-0.02
40 TM	Benzene	50.000	52.750	-5.5	118	-0.02
41 T	Methacrylonitrile	50.000	49.221	1.6	110	-0.02
42 TM	1,2-Dichloroethane	50.000	48.138	3.7	98	-0.02
43 T	Isopropyl Acetate	50.000	49.661	0.7	104	-0.02
44 TM	Trichloroethene	50.000	51.373	-2.7	109	-0.01
45 C	1,2-Dichloropropane	50.000	50.874	-1.7#	104	-0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.193	5.6	95	-0.01
47 T	Bromodichloromethane	50.000	51.661	-3.3	108	-0.01
48 T	Methyl methacrylate	50.000	45.725	8.5	95	-0.01
49 T	1,4-Dioxane	1000.000	971.395	2.9	87	-0.01
50 S	Toluene-d8	50.000	55.136	-10.3	119	-0.01
51 T	4-Methyl-2-Pentanone	250.000	239.841	4.1	103	-0.01
52 CM	Toluene	50.000	49.676	0.6#	108	-0.01
53 T	t-1,3-Dichloropropene	50.000	49.868	0.3	101	-0.01
54 T	cis-1,3-Dichloropropene	50.000	54.301	-8.6	105	-0.01
55 T	1,1,2-Trichloroethane	50.000	51.147	-2.3	105	-0.02
56 T	Ethyl methacrylate	50.000	49.797	0.4	104	-0.01
57 T	1,3-Dichloropropane	50.000	47.927	4.1	96	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	259.814	-3.9	108	-0.02
59 T	2-Hexanone	250.000	261.758	-4.7	111	-0.01
60 T	Dibromochloromethane	50.000	48.219	3.6	97	-0.01
61 T	1,2-Dibromoethane	50.000	45.965	8.1	94	-0.02
62 S	4-Bromofluorobenzene	50.000	48.024	4.0	103	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	-0.01
64 T	Tetrachloroethene	50.000	52.111	-4.2	101	-0.02
65 PM	Chlorobenzene	50.000	51.755	-3.5	103	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	50.645	-1.3	102	-0.01
67 C	Ethyl Benzene	50.000	53.216	-6.4#	111	-0.02
68 T	m/p-Xylenes	100.000	99.889	0.1	103	-0.01
69 T	o-Xylene	50.000	53.187	-6.4	109	-0.01
70 T	Styrene	50.000	51.928	-3.9	112	-0.01
71 P	Bromoform	50.000	52.412	-4.8	100	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	-0.01
73 T	Isopropylbenzene	50.000	54.392	-8.8	105	-0.01
74 T	N-amyl acetate	50.000	54.760	-9.5	104	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	50.055	-0.1	100	-0.01
76 T	1,2,3-Trichloropropane	50.000	49.610	0.8	97	-0.01
77 T	Bromobenzene	50.000	51.613	-3.2	99	-0.01
78 T	n-propylbenzene	50.000	50.883	-1.8	104	-0.01
79 T	2-Chlorotoluene	50.000	53.004	-6.0	107	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.377	-6.8	106	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	49.658	0.7	89	-0.01
82 T	4-Chlorotoluene	50.000	50.617	-1.2	101	-0.01
83 T	tert-Butylbenzene	50.000	51.662	-3.3	102	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.457	-0.9	103	-0.01
85 T	sec-Butylbenzene	50.000	51.146	-2.3	99	-0.01
86 T	p-Isopropyltoluene	50.000	52.026	-4.1	105	-0.01
87 T	1,3-Dichlorobenzene	50.000	47.878	4.2	101	-0.01
88 T	1,4-Dichlorobenzene	50.000	50.143	-0.3	98	-0.01
89 T	n-Butylbenzene	50.000	51.974	-3.9	104	-0.01

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90 T	Hexachloroethane	50.000	54.069	-8.1	105	-0.01
91 T	1,2-Dichlorobenzene	50.000	49.485	1.0	97	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.197	-0.4	95	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.246	1.5	97	-0.01
94 T	Hexachlorobutadiene	50.000	51.111	-2.2	99	-0.01
95 T	Naphthalene	50.000	49.767	0.5	94	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	49.722	0.6	95	-0.01

(#) = Out of Range

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