

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF111418\
 Data File : VF060720.D
 Acq On : 14 Nov 2018 11:48
 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: Nov 15 06:52:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 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	105	-0.04
2 T	Dichlorodifluoromethane	50.000	50.313	-0.6	101	-0.01
3 P	Chloromethane	50.000	50.523	-1.0	101	-0.03
4 C	Vinyl Chloride	50.000	53.159	-6.3#	105	-0.01
5 T	Bromomethane	50.000	54.885	-9.8	104	-0.02
6 T	Chloroethane	50.000	58.381	-16.8	100	-0.02
7 T	Trichlorofluoromethane	50.000	51.753	-3.5	97	-0.02
8 T	Diethyl Ether	50.000	51.233	-2.5	100	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.809	-5.6	105	-0.03
10 T	Methyl Iodide	50.000	51.781	-3.6	104	-0.03
11 T	Tert butyl alcohol	250.000	228.067	8.8	90	-0.02
12 CM	1,1-Dichloroethene	50.000	53.184	-6.4#	111	-0.02
13 T	Acrolein	250.000	277.694	-11.1	124	-0.02
14 T	Allyl chloride	50.000	54.222	-8.4	111	-0.02
15 T	Acrylonitrile	250.000	250.845	-0.3	100	-0.02
16 T	Acetone	250.000	277.059	-10.8	100	-0.02
17 T	Carbon Disulfide	50.000	54.134	-8.3	108	-0.06
18 T	Methyl Acetate	50.000	47.971	4.1	97	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.327	1.3	98	-0.03
20 T	Methylene Chloride	50.000	53.763	-7.5	107	-0.03
21 T	trans-1,2-Dichloroethene	50.000	52.196	-4.4	99	-0.02
22 T	Diisopropyl ether	50.000	51.899	-3.8	103	-0.03
23 T	Vinyl Acetate	250.000	265.711	-6.3	101	-0.04
24 P	1,1-Dichloroethane	50.000	54.037	-8.1	111	-0.03
25 T	2-Butanone	250.000	270.118	-8.0	107	-0.04
26 T	2,2-Dichloropropane	50.000	54.557	-9.1	111	-0.04
27 T	cis-1,2-Dichloroethene	50.000	52.254	-4.5	104	-0.03
28 T	Bromochloromethane	50.000	47.490	5.0	98	-0.04
29	Tetrahydrofuran	250.000	249.649	0.1	102	-0.04
30 C	Chloroform	50.000	49.388	1.2#	97	-0.04
31 T	Cyclohexane	50.000	51.686	-3.4	108	-0.04
32 T	1,1,1-Trichloroethane	50.000	50.917	-1.8	102	-0.04
33 S	1,2-Dichloroethane-d4	50.000	46.149	7.7	98	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	-0.04
35 S	Dibromofluoromethane	50.000	47.793	4.4	105	-0.04
36 T	1,1-Dichloropropene	50.000	51.637	-3.3	103	-0.04
37 T	Ethyl Acetate	50.000	48.866	2.3	99	-0.03
38 T	Carbon Tetrachloride	50.000	52.441	-4.9	107	-0.03
39 T	Methylcyclohexane	50.000	51.503	-3.0	102	-0.04
40 TM	Benzene	50.000	50.851	-1.7	103	-0.04
41 T	Methacrylonitrile	50.000	51.466	-2.9	98	-0.04
42 TM	1,2-Dichloroethane	50.000	48.914	2.2	98	-0.04
43 T	Isopropyl Acetate	50.000	48.760	2.5	104	-0.04
44 TM	Trichloroethene	50.000	50.592	-1.2	107	-0.04
45 C	1,2-Dichloropropane	50.000	49.557	0.9#	104	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.411	1.2	98	-0.04
47 T	Bromodichloromethane	50.000	48.687	2.6	93	-0.03
48 T	Methyl methacrylate	50.000	47.558	4.9	101	-0.04
49 T	1,4-Dioxane	1000.000	1018.260	-1.8	110	-0.04
50 S	Toluene-d8	50.000	51.355	-2.7	107	-0.04
51 T	4-Methyl-2-Pentanone	250.000	242.825	2.9	103	-0.03
52 CM	Toluene	50.000	50.579	-1.2#	105	-0.04
53 T	t-1,3-Dichloropropene	50.000	46.701	6.6	98	-0.03
54 T	cis-1,3-Dichloropropene	50.000	47.930	4.1	105	-0.03
55 T	1,1,2-Trichloroethane	50.000	48.470	3.1	97	-0.04
56 T	Ethyl methacrylate	50.000	49.207	1.6	99	-0.04
57 T	1,3-Dichloropropane	50.000	50.197	-0.4	106	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	241.608	3.4	95	-0.04
59 T	2-Hexanone	250.000	273.987	-9.6	120	-0.03
60 T	Dibromochloromethane	50.000	49.651	0.7	99	-0.04
61 T	1,2-Dibromoethane	50.000	50.808	-1.6	100	-0.03
62 S	4-Bromofluorobenzene	50.000	50.827	-1.7	101	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	-0.04
64 T	Tetrachloroethene	50.000	47.786	4.4	98	-0.04
65 PM	Chlorobenzene	50.000	50.544	-1.1	108	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	47.590	4.8	98	-0.04
67 C	Ethyl Benzene	50.000	46.084	7.8#	100	-0.04
68 T	m/p-Xylenes	100.000	92.295	7.7	102	-0.03
69 T	o-Xylene	50.000	49.277	1.4	106	-0.03
70 T	Styrene	50.000	46.941	6.1	102	-0.03
71 P	Bromoform	50.000	47.860	4.3	96	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	-0.02
73 T	Isopropylbenzene	50.000	53.519	-7.0	105	-0.02
74 T	N-amyl acetate	50.000	54.220	-8.4	114	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.688	2.6	93	-0.02
76 T	1,2,3-Trichloropropane	50.000	47.725	4.5	101	-0.02
77 T	Bromobenzene	50.000	51.855	-3.7	102	-0.02
78 T	n-propylbenzene	50.000	48.224	3.6	102	-0.02
79 T	2-Chlorotoluene	50.000	49.774	0.5	100	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	52.511	-5.0	103	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	45.423	9.2	90	-0.03
82 T	4-Chlorotoluene	50.000	50.940	-1.9	104	-0.02
83 T	tert-Butylbenzene	50.000	52.725	-5.5	101	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	51.020	-2.0	103	-0.02
85 T	sec-Butylbenzene	50.000	51.521	-3.0	102	-0.02
86 T	p-Isopropyltoluene	50.000	50.503	-1.0	99	-0.03
87 T	1,3-Dichlorobenzene	50.000	48.423	3.2	98	-0.02
88 T	1,4-Dichlorobenzene	50.000	52.227	-4.5	102	-0.02
89 T	n-Butylbenzene	50.000	50.267	-0.5	104	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.476	-5.0	99	-0.02
91 T	1,2-Dichlorobenzene	50.000	49.174	1.7	100	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.956	6.1	87	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	48.307	3.4	94	-0.02
94 T	Hexachlorobutadiene	50.000	52.072	-4.1	96	-0.02
95 T	Naphthalene	50.000	52.371	-4.7	95	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	50.442	-0.9	93	-0.02

(#) = Out of Range

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