

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF112018\
 Data File : VF060802.D
 Acq On : 20 Nov 2018 13:08
 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 20 17:03:28 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	97	-0.01
2 T	Dichlorodifluoromethane	50.000	42.824	14.4	79	0.00
3 P	Chloromethane	50.000	47.601	4.8	88	-0.01
4 C	Vinyl Chloride	50.000	48.347	3.3#	88	0.00
5 T	Bromomethane	50.000	49.743	0.5	87	0.00
6 T	Chloroethane	50.000	54.752	-9.5	86	0.00
7 T	Trichlorofluoromethane	50.000	45.534	8.9	78	0.00
8 T	Diethyl Ether	50.000	53.969	-7.9	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.558	0.9	91	-0.01
10 T	Methyl Iodide	50.000	49.569	0.9	92	-0.01
11 T	Tert butyl alcohol	250.000	268.709	-7.5	97	-0.01
12 CM	1,1-Dichloroethene	50.000	51.577	-3.2#	99	0.00
13 T	Acrolein	250.000	266.481	-6.6	110	0.00
14 T	Allyl chloride	50.000	52.972	-5.9	100	-0.01
15 T	Acrylonitrile	250.000	286.422	-14.6	105	0.00
16 T	Acetone	250.000	286.964	-14.8	96	0.00
17 T	Carbon Disulfide	50.000	49.588	0.8	91	-0.02
18 T	Methyl Acetate	50.000	51.560	-3.1	96	0.00
19 T	Methyl tert-butyl Ether	50.000	52.317	-4.6	95	-0.01
20 T	Methylene Chloride	50.000	52.369	-4.7	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.764	-5.5	93	0.00
22 T	Diisopropyl ether	50.000	55.548	-11.1	102	0.00
23 T	Vinyl Acetate	250.000	283.846	-13.5	99	-0.01
24 P	1,1-Dichloroethane	50.000	49.525	1.0	94	-0.01
25 T	2-Butanone	250.000	264.775	-5.9	97	-0.01
26 T	2,2-Dichloropropane	50.000	47.976	4.0	90	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.559	0.9	91	0.00
28 T	Bromochloromethane	50.000	52.214	-4.4	99	-0.01
29	Tetrahydrofuran	250.000	271.326	-8.5	102	0.00
30 C	Chloroform	50.000	46.774	6.5#	85	-0.01
31 T	Cyclohexane	50.000	48.280	3.4	93	-0.02
32 T	1,1,1-Trichloroethane	50.000	44.966	10.1	83	-0.01
33 S	1,2-Dichloroethane-d4	50.000	44.716	10.6	88	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	-0.01
35 S	Dibromofluoromethane	50.000	45.129	9.7	91	-0.01
36 T	1,1-Dichloropropene	50.000	47.576	4.8	87	-0.01
37 T	Ethyl Acetate	50.000	49.458	1.1	92	0.00
38 T	Carbon Tetrachloride	50.000	43.098	13.8	81	0.00
39 T	Methylcyclohexane	50.000	47.203	5.6	86	-0.01
40 TM	Benzene	50.000	48.666	2.7	91	-0.01
41 T	Methacrylonitrile	50.000	56.209	-12.4	97	0.00
42 TM	1,2-Dichloroethane	50.000	47.056	5.9	87	0.00
43 T	Isopropyl Acetate	50.000	50.534	-1.1	99	-0.01
44 TM	Trichloroethene	50.000	48.268	3.5	94	-0.01
45 C	1,2-Dichloropropane	50.000	49.358	1.3#	96	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.947	2.1	89	-0.01
47 T	Bromodichloromethane	50.000	46.268	7.5	81	0.00
48 T	Methyl methacrylate	50.000	50.875	-1.8	99	-0.01
49 T	1,4-Dioxane	1000.000	1109.790	-11.0	110	-0.01
50 S	Toluene-d8	50.000	48.558	2.9	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.647	-1.1	98	-0.01
52 CM	Toluene	50.000	46.722	6.6#	89	-0.01
53 T	t-1,3-Dichloropropene	50.000	47.623	4.8	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.673	4.7	96	-0.01
55 T	1,1,2-Trichloroethane	50.000	48.864	2.3	90	-0.01
56 T	Ethyl methacrylate	50.000	45.587	8.8	85	-0.01
57 T	1,3-Dichloropropane	50.000	49.628	0.7	96	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	240.778	3.7	87	-0.01
59 T	2-Hexanone	250.000	257.438	-3.0	103	-0.01
60 T	Dibromochloromethane	50.000	48.329	3.3	89	-0.01
61 T	1,2-Dibromoethane	50.000	51.722	-3.4	93	-0.01
62 S	4-Bromofluorobenzene	50.000	49.552	0.9	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	-0.01
64 T	Tetrachloroethene	50.000	47.488	5.0	85	-0.01
65 PM	Chlorobenzene	50.000	48.658	2.7	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.668	2.7	87	-0.01
67 C	Ethyl Benzene	50.000	47.007	6.0#	88	-0.01
68 T	m/p-Xylenes	100.000	94.060	5.9	90	0.00
69 T	o-Xylene	50.000	46.901	6.2	88	-0.01
70 T	Styrene	50.000	46.190	7.6	87	-0.01
71 P	Bromoform	50.000	49.030	1.9	86	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	50.905	-1.8	86	0.00
74 T	N-amyl acetate	50.000	53.982	-8.0	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.141	-6.3	88	0.00
76 T	1,2,3-Trichloropropane	50.000	49.506	1.0	91	0.00
77 T	Bromobenzene	50.000	52.114	-4.2	89	0.00
78 T	n-propylbenzene	50.000	49.410	1.2	91	0.00
79 T	2-Chlorotoluene	50.000	49.536	0.9	86	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.199	-0.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.946	-7.9	93	-0.01
82 T	4-Chlorotoluene	50.000	49.083	1.8	87	0.00
83 T	tert-Butylbenzene	50.000	49.378	1.2	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.667	2.7	85	-0.01
85 T	sec-Butylbenzene	50.000	49.355	1.3	85	0.00
86 T	p-Isopropyltoluene	50.000	50.179	-0.4	85	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.782	2.4	86	0.00
88 T	1,4-Dichlorobenzene	50.000	50.668	-1.3	86	0.00
89 T	n-Butylbenzene	50.000	48.202	3.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.967	-1.9	83	0.00
91 T	1,2-Dichlorobenzene	50.000	50.058	-0.1	88	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.586	-3.2	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.077	-0.2	84	0.00
94 T	Hexachlorobutadiene	50.000	51.035	-2.1	82	0.00
95 T	Naphthalene	50.000	52.485	-5.0	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.844	-3.7	82	0.00

(#) = Out of Range

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