

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121218\
 Data File : VF060996.D
 Acq On : 12 Dec 2018 15:08
 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: Dec 13 01:34:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	91	-0.04
2 T	Dichlorodifluoromethane	50.000	44.042	11.9	81	0.00
3 P	Chloromethane	50.000	45.782	8.4	93	0.00
4 C	Vinyl Chloride	50.000	48.390	3.2#	90	-0.02
5 T	Bromomethane	50.000	47.864	4.3	84	-0.02
6 T	Chloroethane	50.000	49.158	1.7	85	0.00
7 T	Trichlorofluoromethane	50.000	50.633	-1.3	89	0.00
8 T	Diethyl Ether	50.000	49.416	1.2	90	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.712	-5.4	95	0.00
10 T	Methyl Iodide	50.000	48.576	2.8	88	-0.02
11 T	Tert butyl alcohol	250.000	283.939	-13.6	98	0.00
12 CM	1,1-Dichloroethene	50.000	46.436	7.1#	85	-0.02
13 T	Acrolein	250.000	257.361	-2.9	86	-0.02
14 T	Allyl chloride	50.000	48.952	2.1	79	-0.03
15 T	Acrylonitrile	250.000	268.463	-7.4	97	-0.02
16 T	Acetone	250.000	299.549	-19.8	106	-0.02
17 T	Carbon Disulfide	50.000	42.657	14.7	80	0.00
18 T	Methyl Acetate	50.000	59.927	-19.9	110	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.201	1.6	88	-0.03
20 T	Methylene Chloride	50.000	44.678	10.6	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.089	-0.2	89	-0.03
22 T	Diisopropyl ether	50.000	54.234	-8.5	97	-0.03
23 T	Vinyl Acetate	250.000	281.923	-12.8	100	-0.03
24 P	1,1-Dichloroethane	50.000	52.980	-6.0	91	-0.03
25 T	2-Butanone	250.000	272.417	-9.0	97	-0.04
26 T	2,2-Dichloropropane	50.000	53.037	-6.1	92	-0.05
27 T	cis-1,2-Dichloroethene	50.000	51.235	-2.5	93	-0.04
28 T	Bromochloromethane	50.000	48.556	2.9	93	-0.04
29	Tetrahydrofuran	250.000	258.428	-3.4	96	-0.04
30 C	Chloroform	50.000	53.370	-6.7#	98	-0.04
31 T	Cyclohexane	50.000	48.428	3.1	92	-0.04
32 T	1,1,1-Trichloroethane	50.000	54.446	-8.9	92	-0.04
33 S	1,2-Dichloroethane-d4	50.000	55.585	-11.2	96	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	-0.05
35 S	Dibromofluoromethane	50.000	51.290	-2.6	95	-0.04
36 T	1,1-Dichloropropene	50.000	47.971	4.1	90	-0.04
37 T	Ethyl Acetate	50.000	47.390	5.2	90	-0.04
38 T	Carbon Tetrachloride	50.000	47.677	4.6	82	-0.04
39 T	Methylcyclohexane	50.000	45.452	9.1	85	-0.04
40 TM	Benzene	50.000	46.903	6.2	90	-0.05
41 T	Methacrylonitrile	50.000	54.636	-9.3	101	-0.04
42 TM	1,2-Dichloroethane	50.000	49.372	1.3	88	-0.04
43 T	Isopropyl Acetate	50.000	50.958	-1.9	91	-0.04
44 TM	Trichloroethene	50.000	47.889	4.2	92	-0.04
45 C	1,2-Dichloropropane	50.000	50.951	-1.9#	91	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.718	-1.4	92	-0.04
47 T	Bromodichloromethane	50.000	52.532	-5.1	96	-0.04
48 T	Methyl methacrylate	50.000	50.765	-1.5	94	-0.04
49 T	1,4-Dioxane	1000.000	823.364	17.7	70	-0.05
50 S	Toluene-d8	50.000	50.352	-0.7	94	-0.05
51 T	4-Methyl-2-Pentanone	250.000	247.904	0.8	97	-0.04
52 CM	Toluene	50.000	46.908	6.2#	96	-0.04
53 T	t-1,3-Dichloropropene	50.000	50.600	-1.2	96	-0.04
54 T	cis-1,3-Dichloropropene	50.000	49.205	1.6	89	-0.04
55 T	1,1,2-Trichloroethane	50.000	49.682	0.6	94	-0.04
56 T	Ethyl methacrylate	50.000	49.964	0.1	88	-0.03
57 T	1,3-Dichloropropane	50.000	51.205	-2.4	93	-0.05
58 T	2-Chloroethyl Vinyl ether	250.000	424.289	-69.7#	166	-0.05
59 T	2-Hexanone	250.000	249.533	0.2	97	-0.04
60 T	Dibromochloromethane	50.000	50.129	-0.3	91	-0.03
61 T	1,2-Dibromoethane	50.000	49.198	1.6	92	-0.04
62 S	4-Bromofluorobenzene	50.000	50.978	-2.0	96	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	-0.04
64 T	Tetrachloroethene	50.000	44.528	10.9	84	-0.04
65 PM	Chlorobenzene	50.000	51.051	-2.1	87	-0.04
66 T	1,1,1,2-Tetrachloroethane	50.000	46.645	6.7	84	-0.05
67 C	Ethyl Benzene	50.000	48.582	2.8#	86	-0.03
68 T	m/p-Xylenes	100.000	97.379	2.6	90	-0.04
69 T	o-Xylene	50.000	48.501	3.0	88	-0.04
70 T	Styrene	50.000	46.381	7.2	84	-0.03
71 P	Bromoform	50.000	47.144	5.7	84	-0.04
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	-0.03
73 T	Isopropylbenzene	50.000	51.945	-3.9	90	-0.03
74 T	N-amyl acetate	50.000	51.165	-2.3	89	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	51.392	-2.8	88	-0.03
76 T	1,2,3-Trichloropropane	50.000	53.520	-7.0	93	-0.03
77 T	Bromobenzene	50.000	49.637	0.7	82	-0.04
78 T	n-propylbenzene	50.000	51.914	-3.8	90	-0.03
79 T	2-Chlorotoluene	50.000	50.998	-2.0	89	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	52.317	-4.6	91	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	50.757	-1.5	89	-0.03
82 T	4-Chlorotoluene	50.000	50.818	-1.6	91	-0.03
83 T	tert-Butylbenzene	50.000	53.358	-6.7	94	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	52.703	-5.4	89	-0.03
85 T	sec-Butylbenzene	50.000	50.817	-1.6	90	-0.03
86 T	p-Isopropyltoluene	50.000	50.874	-1.7	92	-0.03
87 T	1,3-Dichlorobenzene	50.000	49.227	1.5	87	-0.03
88 T	1,4-Dichlorobenzene	50.000	49.922	0.2	88	-0.03
89 T	n-Butylbenzene	50.000	53.122	-6.2	92	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.887	-7.8	91	-0.03
91 T	1,2-Dichlorobenzene	50.000	50.902	-1.8	87	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.834	-11.7	96	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	52.042	-4.1	90	-0.03
94 T	Hexachlorobutadiene	50.000	53.686	-7.4	94	-0.03
95 T	Naphthalene	50.000	49.972	0.1	85	-0.03
96 T	1,2,3-Trichlorobenzene	50.000	53.639	-7.3	93	-0.03

(#) = Out of Range

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