

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060885.D
 Acq On : 30 Nov 2018 00:28
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 30 06:54:11 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	101	-0.03
2 T	Dichlorodifluoromethane	50.000	47.432	5.1	97	-0.01
3 P	Chloromethane	50.000	47.471	5.1	107	0.00
4 C	Vinyl Chloride	50.000	48.899	2.2#	102	-0.01
5 T	Bromomethane	50.000	49.874	0.3	98	-0.01
6 T	Chloroethane	50.000	53.840	-7.7	105	0.00
7 T	Trichlorofluoromethane	50.000	50.000	0.0	99	-0.01
8 T	Diethyl Ether	50.000	49.679	0.6	101	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.872	0.3	100	0.00
10 T	Methyl Iodide	50.000	51.619	-3.2	104	-0.01
11 T	Tert butyl alcohol	250.000	235.785	5.7	91	-0.01
12 CM	1,1-Dichloroethene	50.000	48.973	2.1#	100	-0.01
13 T	Acrolein	250.000	220.967	11.6	82	-0.02
14 T	Allyl chloride	50.000	52.816	-5.6	95	-0.02
15 T	Acrylonitrile	250.000	251.870	-0.7	102	-0.03
16 T	Acetone	250.000	224.222	10.3	89	-0.02
17 T	Carbon Disulfide	50.000	48.492	3.0	102	-0.01
18 T	Methyl Acetate	50.000	60.948	-21.9	125	-0.02
19 T	Methyl tert-butyl Ether	50.000	50.933	-1.9	102	-0.02
20 T	Methylene Chloride	50.000	48.951	2.1	104	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.925	-5.8	105	-0.02
22 T	Diisopropyl ether	50.000	52.440	-4.9	104	-0.03
23 T	Vinyl Acetate	250.000	259.155	-3.7	103	-0.02
24 P	1,1-Dichloroethane	50.000	53.228	-6.5	102	-0.02
25 T	2-Butanone	250.000	238.095	4.8	94	-0.03
26 T	2,2-Dichloropropane	50.000	44.155	11.7	86	-0.03
27 T	cis-1,2-Dichloroethene	50.000	48.650	2.7	99	-0.03
28 T	Bromochloromethane	50.000	49.023	2.0	104	-0.03
29	Tetrahydrofuran	250.000	233.822	6.5	97	-0.04
30 C	Chloroform	50.000	49.562	0.9#	101	-0.03
31 T	Cyclohexane	50.000	47.318	5.4	100	-0.03
32 T	1,1,1-Trichloroethane	50.000	43.905	12.2	83	-0.03
33 S	1,2-Dichloroethane-d4	50.000	52.928	-5.9	103	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	-0.04
35 S	Dibromofluoromethane	50.000	46.937	6.1	99	-0.03
36 T	1,1-Dichloropropene	50.000	47.807	4.4	101	-0.03
37 T	Ethyl Acetate	50.000	47.074	5.9	102	-0.03
38 T	Carbon Tetrachloride	50.000	46.053	7.9	89	-0.03
39 T	Methylcyclohexane	50.000	48.033	3.9	102	-0.03
40 TM	Benzene	50.000	47.935	4.1	104	-0.03
41 T	Methacrylonitrile	50.000	51.748	-3.5	108	-0.03
42 TM	1,2-Dichloroethane	50.000	48.740	2.5	98	-0.03
43 T	Isopropyl Acetate	50.000	46.160	7.7	94	-0.03
44 TM	Trichloroethene	50.000	45.953	8.1	100	-0.03
45 C	1,2-Dichloropropane	50.000	47.361	5.3#	95	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.725	2.5	100	-0.03
47 T	Bromodichloromethane	50.000	47.762	4.5	98	-0.03
48 T	Methyl methacrylate	50.000	43.243	13.5	91	-0.03
49 T	1,4-Dioxane	1000.000	1004.843	-0.5	97	-0.03
50 S	Toluene-d8	50.000	46.598	6.8	99	-0.03
51 T	4-Methyl-2-Pentanone	250.000	228.835	8.5	101	-0.03
52 CM	Toluene	50.000	43.987	12.0#	101	-0.03
53 T	t-1,3-Dichloropropene	50.000	44.648	10.7	95	-0.03
54 T	cis-1,3-Dichloropropene	50.000	45.643	8.7	94	-0.03
55 T	1,1,2-Trichloroethane	50.000	47.172	5.7	101	-0.03
56 T	Ethyl methacrylate	50.000	45.211	9.6	90	-0.02
57 T	1,3-Dichloropropane	50.000	45.041	9.9	92	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	220.825	11.7	98	-0.04
59 T	2-Hexanone	250.000	218.732	12.5	96	-0.03
60 T	Dibromochloromethane	50.000	44.842	10.3	92	-0.02
61 T	1,2-Dibromoethane	50.000	44.005	12.0	93	-0.03
62 S	4-Bromofluorobenzene	50.000	47.142	5.7	100	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	-0.03
64 T	Tetrachloroethene	50.000	49.518	1.0	102	-0.03
65 PM	Chlorobenzene	50.000	48.102	3.8	89	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	49.780	0.4	97	-0.03
67 C	Ethyl Benzene	50.000	49.241	1.5#	95	-0.02
68 T	m/p-Xylenes	100.000	95.679	4.3	96	-0.03
69 T	o-Xylene	50.000	47.341	5.3	93	-0.03
70 T	Styrene	50.000	47.786	4.4	93	-0.02
71 P	Bromoform	50.000	47.654	4.7	92	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	-0.02
73 T	Isopropylbenzene	50.000	50.653	-1.3	97	-0.02
74 T	N-amyl acetate	50.000	51.203	-2.4	99	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.159	-2.3	97	-0.03
76 T	1,2,3-Trichloropropane	50.000	52.097	-4.2	100	-0.03
77 T	Bromobenzene	50.000	50.052	-0.1	92	-0.03
78 T	n-propylbenzene	50.000	50.446	-0.9	97	-0.02
79 T	2-Chlorotoluene	50.000	49.059	1.9	95	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.606	-1.2	98	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	49.427	1.1	96	-0.02
82 T	4-Chlorotoluene	50.000	47.472	5.1	95	-0.02
83 T	tert-Butylbenzene	50.000	52.452	-4.9	103	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	50.010	-0.0	94	-0.02
85 T	sec-Butylbenzene	50.000	49.657	0.7	97	-0.02
86 T	p-Isopropyltoluene	50.000	48.435	3.1	97	-0.02
87 T	1,3-Dichlorobenzene	50.000	46.735	6.5	92	-0.03
88 T	1,4-Dichlorobenzene	50.000	49.046	1.9	96	-0.02
89 T	n-Butylbenzene	50.000	48.553	2.9	93	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.795	-1.6	95	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.965	2.1	93	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.184	-2.4	97	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	51.429	-2.9	99	-0.02
94 T	Hexachlorobutadiene	50.000	50.577	-1.2	99	-0.02
95 T	Naphthalene	50.000	52.424	-4.8	99	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	52.628	-5.3	101	-0.02

(#) = Out of Range

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