

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF120318\
 Data File : VF060887.D
 Acq On : 3 Dec 2018 12:50
 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 04 03:22:01 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	100	-0.01
2 T	Dichlorodifluoromethane	50.000	46.731	6.5	94	-0.01
3 P	Chloromethane	50.000	46.202	7.6	103	0.01
4 C	Vinyl Chloride	50.000	46.855	6.3#	96	0.00
5 T	Bromomethane	50.000	50.253	-0.5	97	0.00
6 T	Chloroethane	50.000	48.241	3.5	92	0.00
7 T	Trichlorofluoromethane	50.000	50.779	-1.6	99	0.00
8 T	Diethyl Ether	50.000	46.288	7.4	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.571	-1.1	100	0.00
10 T	Methyl Iodide	50.000	49.574	0.9	98	0.00
11 T	Tert butyl alcohol	250.000	267.018	-6.8	101	0.00
12 CM	1,1-Dichloroethene	50.000	47.279	5.4#	95	0.00
13 T	Acrolein	250.000	207.836	16.9	76	0.00
14 T	Allyl chloride	50.000	43.192	13.6	76	-0.01
15 T	Acrylonitrile	250.000	243.098	2.8	97	0.00
16 T	Acetone	250.000	293.014	-17.2	114	0.00
17 T	Carbon Disulfide	50.000	44.297	11.4	91	0.00
18 T	Methyl Acetate	50.000	57.881	-15.8	117	0.00
19 T	Methyl tert-butyl Ether	50.000	50.899	-1.8	100	-0.01
20 T	Methylene Chloride	50.000	43.754	12.5	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.564	8.9	89	-0.01
22 T	Diisopropyl ether	50.000	50.134	-0.3	98	-0.01
23 T	Vinyl Acetate	250.000	257.926	-3.2	101	-0.01
24 P	1,1-Dichloroethane	50.000	51.413	-2.8	97	-0.01
25 T	2-Butanone	250.000	259.664	-3.9	101	-0.01
26 T	2,2-Dichloropropane	50.000	51.681	-3.4	99	-0.02
27 T	cis-1,2-Dichloroethene	50.000	50.130	-0.3	100	-0.01
28 T	Bromochloromethane	50.000	49.413	1.2	104	-0.02
29	Tetrahydrofuran	250.000	245.241	1.9	100	-0.01
30 C	Chloroform	50.000	50.039	-0.1#	101	-0.01
31 T	Cyclohexane	50.000	45.624	8.8	95	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.899	-5.8	98	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.656	-1.3	97	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.02
35 S	Dibromofluoromethane	50.000	51.752	-3.5	95	-0.01
36 T	1,1-Dichloropropene	50.000	54.826	-9.7	101	-0.01
37 T	Ethyl Acetate	50.000	54.059	-8.1	102	-0.01
38 T	Carbon Tetrachloride	50.000	56.897	-13.8	96	-0.01
39 T	Methylcyclohexane	50.000	49.184	1.6	91	-0.02
40 TM	Benzene	50.000	52.857	-5.7	100	-0.02
41 T	Methacrylonitrile	50.000	53.632	-7.3	98	-0.01
42 TM	1,2-Dichloroethane	50.000	58.236	-16.5	102	-0.01
43 T	Isopropyl Acetate	50.000	62.525	-25.0#	109	-0.01
44 TM	Trichloroethene	50.000	51.142	-2.3	97	-0.01
45 C	1,2-Dichloropropane	50.000	55.264	-10.5#	97	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.069	-10.1	98	-0.01
47 T	Bromodichloromethane	50.000	54.488	-9.0	98	-0.01
48 T	Methyl methacrylate	50.000	54.259	-8.5	99	-0.01
49 T	1,4-Dioxane	1000.000	1167.723	-16.8	98	-0.02
50 S	Toluene-d8	50.000	52.227	-4.5	97	-0.01
51 T	4-Methyl-2-Pentanone	250.000	276.880	-10.8	107	-0.01
52 CM	Toluene	50.000	50.347	-0.7#	101	-0.01
53 T	t-1,3-Dichloropropene	50.000	55.800	-11.6	104	-0.01
54 T	cis-1,3-Dichloropropene	50.000	56.697	-13.4	101	-0.01
55 T	1,1,2-Trichloroethane	50.000	52.656	-5.3	98	-0.01
56 T	Ethyl methacrylate	50.000	58.292	-16.6	101	0.00
57 T	1,3-Dichloropropane	50.000	56.626	-13.3	101	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	228.886	8.4	88	-0.02
59 T	2-Hexanone	250.000	287.029	-14.8	110	-0.01
60 T	Dibromochloromethane	50.000	54.462	-8.9	98	-0.01
61 T	1,2-Dibromoethane	50.000	49.742	0.5	91	-0.01
62 S	4-Bromofluorobenzene	50.000	50.513	-1.0	94	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	-0.01
64 T	Tetrachloroethene	50.000	48.284	3.4	97	-0.01
65 PM	Chlorobenzene	50.000	50.655	-1.3	92	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.637	0.7	95	-0.01
67 C	Ethyl Benzene	50.000	50.193	-0.4#	95	-0.01
68 T	m/p-Xylenes	100.000	97.543	2.5	96	-0.01
69 T	o-Xylene	50.000	48.917	2.2	95	-0.01
70 T	Styrene	50.000	48.933	2.1	94	-0.01
71 P	Bromoform	50.000	54.265	-8.5	103	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	51.983	-4.0	99	-0.01
74 T	N-amyl acetate	50.000	52.806	-5.6	101	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	52.714	-5.4	100	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.747	-3.5	99	-0.01
77 T	Bromobenzene	50.000	52.040	-4.1	95	-0.01
78 T	n-propylbenzene	50.000	50.883	-1.8	97	0.00
79 T	2-Chlorotoluene	50.000	52.803	-5.6	101	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	51.085	-2.2	98	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	54.977	-10.0	106	-0.01
82 T	4-Chlorotoluene	50.000	50.156	-0.3	99	0.00
83 T	tert-Butylbenzene	50.000	51.456	-2.9	100	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.408	-0.8	94	0.00
85 T	sec-Butylbenzene	50.000	49.074	1.9	95	0.00
86 T	p-Isopropyltoluene	50.000	49.838	0.3	99	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.120	3.8	94	-0.01
88 T	1,4-Dichlorobenzene	50.000	50.835	-1.7	98	-0.01
89 T	n-Butylbenzene	50.000	51.111	-2.2	98	-0.01

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90 T	Hexachloroethane	50.000	51.096	-2.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	50.461	-0.9	95	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.567	-1.1	95	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.118	-6.2	101	0.00
94 T	Hexachlorobutadiene	50.000	52.356	-4.7	101	0.00
95 T	Naphthalene	50.000	51.507	-3.0	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.507	-5.0	100	0.00

(#) = Out of Range

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