

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF070318\
 Data File : VF059404.D
 Acq On : 3 Jul 2018 11:03
 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: Jul 04 00:37:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 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	-0.02
2 T	Dichlorodifluoromethane	50.000	46.350	7.3	97	0.00
3 P	Chloromethane	50.000	42.981	14.0	96	-0.01
4 C	Vinyl Chloride	50.000	47.700	4.6#	102	0.00
5 T	Bromomethane	50.000	52.366	-4.7	94	0.00
6 T	Chloroethane	50.000	46.435	7.1	98	-0.01
7 T	Trichlorofluoromethane	50.000	52.022	-4.0	105	0.00
8 T	Diethyl Ether	50.000	45.231	9.5	102	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.923	2.2	107	-0.01
10 T	Methyl Iodide	50.000	46.800	6.4	99	-0.01
11 T	Tert butyl alcohol	250.000	239.075	4.4	98	0.00
12 CM	1,1-Dichloroethene	50.000	52.241	-4.5#	110	-0.01
13 T	Acrolein	250.000	322.769	-29.1#	131	-0.01
14 T	Allyl chloride	50.000	51.669	-3.3	107	-0.01
15 T	Acrylonitrile	250.000	234.164	6.3	98	-0.01
16 T	Acetone	250.000	287.994	-15.2	110	-0.01
17 T	Carbon Disulfide	50.000	45.355	9.3	96	0.03
18 T	Methyl Acetate	50.000	53.851	-7.7	109	-0.01
19 T	Methyl tert-butyl Ether	50.000	49.051	1.9	105	0.00
20 T	Methylene Chloride	50.000	43.176	13.6	94	0.03
21 T	trans-1,2-Dichloroethene	50.000	49.259	1.5	109	-0.01
22 T	Diisopropyl ether	50.000	49.796	0.4	105	-0.01
23 T	Vinyl Acetate	250.000	244.174	2.3	99	-0.02
24 P	1,1-Dichloroethane	50.000	48.085	3.8	103	-0.01
25 T	2-Butanone	250.000	260.423	-4.2	104	-0.02
26 T	2,2-Dichloropropane	50.000	50.446	-0.9	107	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.529	0.9	108	-0.01
28 T	Bromochloromethane	50.000	47.722	4.6	96	-0.02
29	Tetrahydrofuran	250.000	252.688	-1.1	101	-0.01
30 C	Chloroform	50.000	48.651	2.7#	104	-0.02
31 T	Cyclohexane	50.000	44.712	10.6	97	-0.02
32 T	1,1,1-Trichloroethane	50.000	49.686	0.6	106	-0.02
33 S	1,2-Dichloroethane-d4	50.000	43.503	13.0	97	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.02
35 S	Dibromofluoromethane	50.000	47.158	5.7	97	-0.02
36 T	1,1-Dichloropropene	50.000	54.072	-8.1	111	-0.02
37 T	Ethyl Acetate	50.000	55.057	-10.1	99	-0.02
38 T	Carbon Tetrachloride	50.000	54.454	-8.9	108	-0.01
39 T	Methylcyclohexane	50.000	54.150	-8.3	109	-0.02
40 TM	Benzene	50.000	49.637	0.7	101	-0.02
41 T	Methacrylonitrile	50.000	48.857	2.3	95	-0.02
42 TM	1,2-Dichloroethane	50.000	51.609	-3.2	101	-0.02
43 T	Isopropyl Acetate	50.000	49.677	0.6	96	-0.02
44 TM	Trichloroethene	50.000	51.313	-2.6	104	-0.02
45 C	1,2-Dichloropropane	50.000	50.411	-0.8#	103	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.176	-6.4	100	-0.02
47 T	Bromodichloromethane	50.000	54.810	-9.6	105	-0.02
48 T	Methyl methacrylate	50.000	53.495	-7.0	101	-0.02
49 T	1,4-Dioxane	1000.000	1082.051	-8.2	98	-0.02
50 S	Toluene-d8	50.000	45.852	8.3	92	-0.02
51 T	4-Methyl-2-Pentanone	250.000	249.400	0.2	95	-0.01
52 CM	Toluene	50.000	45.866	8.3#	91	-0.02
53 T	t-1,3-Dichloropropene	50.000	53.137	-6.3	103	-0.02
54 T	cis-1,3-Dichloropropene	50.000	54.429	-8.9	102	-0.01
55 T	1,1,2-Trichloroethane	50.000	52.280	-4.6	98	-0.02
56 T	Ethyl methacrylate	50.000	52.773	-5.5	97	-0.01
57 T	1,3-Dichloropropane	50.000	53.294	-6.6	104	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	248.777	0.5	98	-0.02
59 T	2-Hexanone	250.000	279.299	-11.7	96	-0.02
60 T	Dibromochloromethane	50.000	55.301	-10.6	100	-0.02
61 T	1,2-Dibromoethane	50.000	49.448	1.1	92	-0.02
62 S	4-Bromofluorobenzene	50.000	46.044	7.9	94	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	-0.02
64 T	Tetrachloroethene	50.000	49.224	1.6	99	-0.01
65 PM	Chlorobenzene	50.000	49.882	0.2	105	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	48.442	3.1	101	-0.01
67 C	Ethyl Benzene	50.000	48.666	2.7#	105	-0.01
68 T	m/p-Xylenes	100.000	98.104	1.9	105	-0.02
69 T	o-Xylene	50.000	48.194	3.6	100	-0.01
70 T	Styrene	50.000	48.723	2.6	101	-0.01
71 P	Bromoform	50.000	51.694	-3.4	102	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	-0.01
73 T	Isopropylbenzene	50.000	51.988	-4.0	101	-0.01
74 T	N-amyl acetate	50.000	49.769	0.5	95	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.677	2.6	93	-0.01
76 T	1,2,3-Trichloropropane	50.000	49.057	1.9	96	-0.01
77 T	Bromobenzene	50.000	50.801	-1.6	101	-0.01
78 T	n-propylbenzene	50.000	51.572	-3.1	106	-0.01
79 T	2-Chlorotoluene	50.000	51.285	-2.6	106	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	51.533	-3.1	104	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.172	-0.3	96	-0.01
82 T	4-Chlorotoluene	50.000	52.137	-4.3	103	-0.01
83 T	tert-Butylbenzene	50.000	53.793	-7.6	105	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.636	-3.3	103	-0.01
85 T	sec-Butylbenzene	50.000	52.148	-4.3	103	-0.01
86 T	p-Isopropyltoluene	50.000	53.433	-6.9	105	-0.01
87 T	1,3-Dichlorobenzene	50.000	56.663	-13.3	102	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.076	-2.2	104	-0.01
89 T	n-Butylbenzene	50.000	52.235	-4.5	107	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.166	-6.3	105	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.209	-0.4	98	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.966	-1.9	94	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	55.090	-10.2	105	-0.01
94 T	Hexachlorobutadiene	50.000	57.126	-14.3	112	-0.01
95 T	Naphthalene	50.000	52.814	-5.6	95	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	54.662	-9.3	101	0.00

(#) = Out of Range

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