

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF082218\
 Data File : VF060032.D
 Acq On : 22 Aug 2018 11:16
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 04:28:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	44.217	11.6	102	0.00
3 P	Chloromethane	50.000	50.018	-0.0	107	0.00
4 C	Vinyl Chloride	50.000	48.350	3.3#	110	0.00
5 T	Bromomethane	50.000	48.618	2.8	109	0.00
6 T	Chloroethane	50.000	53.487	-7.0	120	0.00
7 T	Trichlorofluoromethane	50.000	52.737	-5.5	109	0.00
8 T	Diethyl Ether	50.000	52.260	-4.5	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.427	-0.9	108	0.00
10 T	Methyl Iodide	50.000	52.215	-4.4	107	0.00
11 T	Tert butyl alcohol	250.000	251.994	-0.8	109	0.00
12 CM	1,1-Dichloroethene	50.000	50.546	-1.1#	108	0.00
13 T	Acrolein	250.000	278.888	-11.6	125	0.00
14 T	Allyl chloride	50.000	52.624	-5.2	118	0.00
15 T	Acrylonitrile	250.000	255.515	-2.2	118	0.00
16 T	Acetone	250.000	293.057	-17.2	126	0.00
17 T	Carbon Disulfide	50.000	47.215	5.6	113	0.00
18 T	Methyl Acetate	50.000	48.900	2.2	106	0.00
19 T	Methyl tert-butyl Ether	50.000	49.283	1.4	106	0.00
20 T	Methylene Chloride	50.000	50.760	-1.5	108	0.01
21 T	trans-1,2-Dichloroethene	50.000	45.601	8.8	107	0.00
22 T	Diisopropyl ether	50.000	49.678	0.6	107	0.00
23 T	Vinyl Acetate	250.000	238.660	4.5	96	0.00
24 P	1,1-Dichloroethane	50.000	49.213	1.6	108	0.00
25 T	2-Butanone	250.000	269.175	-7.7	117	0.00
26 T	2,2-Dichloropropane	50.000	53.927	-7.9	118	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.737	0.5	107	0.00
28 T	Bromochloromethane	50.000	45.953	8.1	104	0.00
29	Tetrahydrofuran	250.000	294.344	-17.7	128	0.00
30 C	Chloroform	50.000	48.757	2.5#	106	0.00
31 T	Cyclohexane	50.000	50.513	-1.0	115	0.00
32 T	1,1,1-Trichloroethane	50.000	50.336	-0.7	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.130	5.7	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	49.961	0.1	110	0.00
36 T	1,1-Dichloropropene	50.000	48.550	2.9	109	0.00
37 T	Ethyl Acetate	50.000	53.215	-6.4	119	0.00
38 T	Carbon Tetrachloride	50.000	48.290	3.4	107	0.02
39 T	Methylcyclohexane	50.000	49.632	0.7	116	0.00
40 TM	Benzene	50.000	49.352	1.3	114	0.00
41 T	Methacrylonitrile	50.000	46.223	7.6	107	0.00
42 TM	1,2-Dichloroethane	50.000	45.273	9.5	103	0.00
43 T	Isopropyl Acetate	50.000	51.571	-3.1	112	0.00
44 TM	Trichloroethene	50.000	47.419	5.2	109	0.00
45 C	1,2-Dichloropropane	50.000	52.967	-5.9#	114	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.360	-0.7	110	0.00
47 T	Bromodichloromethane	50.000	49.758	0.5	110	0.00
48 T	Methyl methacrylate	50.000	49.495	1.0	106	0.00
49 T	1,4-Dioxane	1000.000	1076.107	-7.6	118	0.00
50 S	Toluene-d8	50.000	47.858	4.3	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.993	-0.4	112	0.00
52 CM	Toluene	50.000	53.972	-7.9#	112	0.01
53 T	t-1,3-Dichloropropene	50.000	49.614	0.8	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.620	-3.2	110	0.00
55 T	1,1,2-Trichloroethane	50.000	50.656	-1.3	109	0.00
56 T	Ethyl methacrylate	50.000	51.580	-3.2	108	0.00
57 T	1,3-Dichloropropane	50.000	50.739	-1.5	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	236.555	5.4	109	0.00
59 T	2-Hexanone	250.000	267.031	-6.8	119	0.00
60 T	Dibromochloromethane	50.000	50.590	-1.2	110	0.00
61 T	1,2-Dibromoethane	50.000	50.145	-0.3	111	0.00
62 S	4-Bromofluorobenzene	50.000	46.568	6.9	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	47.655	4.7	103	0.00
65 PM	Chlorobenzene	50.000	49.273	1.5	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.662	-1.3	110	0.00
67 C	Ethyl Benzene	50.000	50.540	-1.1#	112	0.00
68 T	m/p-Xylenes	100.000	113.240	-13.2	110	0.01
69 T	o-Xylene	50.000	50.792	-1.6	106	0.00
70 T	Styrene	50.000	49.687	0.6	109	0.00
71 P	Bromoform	50.000	51.790	-3.6	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	53.609	-7.2	112	0.00
74 T	N-amyl acetate	50.000	55.316	-10.6	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.984	-8.0	109	0.00
76 T	1,2,3-Trichloropropane	50.000	51.533	-3.1	108	0.00
77 T	Bromobenzene	50.000	51.066	-2.1	106	0.00
78 T	n-propylbenzene	50.000	51.616	-3.2	108	0.00
79 T	2-Chlorotoluene	50.000	51.277	-2.6	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.182	-2.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.681	-5.4	105	0.00
82 T	4-Chlorotoluene	50.000	50.969	-1.9	108	0.00
83 T	tert-Butylbenzene	50.000	53.018	-6.0	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.535	0.9	106	0.00
85 T	sec-Butylbenzene	50.000	50.355	-0.7	107	0.00
86 T	p-Isopropyltoluene	50.000	51.872	-3.7	108	0.00
87 T	1,3-Dichlorobenzene	50.000	50.074	-0.1	105	0.00
88 T	1,4-Dichlorobenzene	50.000	50.173	-0.3	108	0.00
89 T	n-Butylbenzene	50.000	54.760	-9.5	109	0.00

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90 T	Hexachloroethane	50.000	52.909	-5.8	109	0.00
91 T	1,2-Dichlorobenzene	50.000	51.551	-3.1	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.364	-10.7	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.750	-5.5	103	0.00
94 T	Hexachlorobutadiene	50.000	53.252	-6.5	109	0.00
95 T	Naphthalene	50.000	48.313	3.4	99	0.01
96 T	1,2,3-Trichlorobenzene	50.000	53.752	-7.5	104	0.00

(#) = Out of Range

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