

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF121918\
 Data File : VF061098.D
 Acq On : 19 Dec 2018 21:29
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 03:32:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	46.821	6.4	98	0.00
3 P	Chloromethane	50.000	43.705	12.6	93	0.00
4 C	Vinyl Chloride	50.000	44.472	11.1#	92	0.00
5 T	Bromomethane	50.000	52.142	-4.3	108	0.00
6 T	Chloroethane	50.000	50.871	-1.7	107	0.00
7 T	Trichlorofluoromethane	50.000	51.597	-3.2	104	-0.01
8 T	Diethyl Ether	50.000	51.784	-3.6	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.310	3.4	106	0.00
10 T	Methyl Iodide	50.000	48.623	2.8	106	0.00
11 T	Tert butyl alcohol	250.000	259.438	-3.8	106	0.00
12 CM	1,1-Dichloroethene	50.000	50.498	-1.0#	105	0.00
13 T	Acrolein	250.000	215.252	13.9	106	0.00
14 T	Allyl chloride	50.000	54.388	-8.8	122	0.00
15 T	Acrylonitrile	250.000	254.454	-1.8	101	0.00
16 T	Acetone	250.000	207.619	17.0	83	0.00
17 T	Carbon Disulfide	50.000	48.569	2.9	103	0.00
18 T	Methyl Acetate	50.000	54.103	-8.2	128	0.00
19 T	Methyl tert-butyl Ether	50.000	51.156	-2.3	108	0.00
20 T	Methylene Chloride	50.000	53.342	-6.7	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.891	4.2	109	0.00
22 T	Diisopropyl ether	50.000	47.979	4.0	102	0.00
23 T	Vinyl Acetate	250.000	245.644	1.7	103	0.00
24 P	1,1-Dichloroethane	50.000	51.684	-3.4	107	0.00
25 T	2-Butanone	250.000	235.161	5.9	99	0.00
26 T	2,2-Dichloropropane	50.000	49.125	1.8	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.319	7.4	102	0.00
28 T	Bromochloromethane	50.000	46.323	7.4	98	0.00
29	Tetrahydrofuran	250.000	258.316	-3.3	112	0.00
30 C	Chloroform	50.000	50.291	-0.6#	105	0.00
31 T	Cyclohexane	50.000	48.792	2.4	106	0.00
32 T	1,1,1-Trichloroethane	50.000	49.066	1.9	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.366	-2.7	115	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35 S	Dibromofluoromethane	50.000	47.404	5.2	112	0.00
36 T	1,1-Dichloropropene	50.000	50.126	-0.3	109	0.00
37 T	Ethyl Acetate	50.000	51.901	-3.8	113	0.00
38 T	Carbon Tetrachloride	50.000	48.492	3.0	106	0.00
39 T	Methylcyclohexane	50.000	48.942	2.1	102	0.00
40 TM	Benzene	50.000	50.288	-0.6	111	0.00
41 T	Methacrylonitrile	50.000	50.472	-0.9	112	0.00
42 TM	1,2-Dichloroethane	50.000	50.424	-0.8	109	0.00
43 T	Isopropyl Acetate	50.000	47.650	4.7	108	0.00
44 TM	Trichloroethene	50.000	49.539	0.9	108	0.00
45 C	1,2-Dichloropropane	50.000	47.033	5.9#	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.037	1.9	106	0.00
47 T	Bromodichloromethane	50.000	48.216	3.6	101	0.00
48 T	Methyl methacrylate	50.000	48.624	2.8	105	0.00
49 T	1,4-Dioxane	1000.000	976.258	2.4	102	0.00
50 S	Toluene-d8	50.000	50.930	-1.9	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.876	3.2	108	0.00
52 CM	Toluene	50.000	49.623	0.8#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	46.427	7.1	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.784	4.4	107	0.00
55 T	1,1,2-Trichloroethane	50.000	48.467	3.1	113	0.00
56 T	Ethyl methacrylate	50.000	45.816	8.4	100	0.00
57 T	1,3-Dichloropropane	50.000	45.141	9.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	319.368	-27.7#	145	0.00
59 T	2-Hexanone	250.000	223.488	10.6	97	0.00
60 T	Dibromochloromethane	50.000	47.934	4.1	102	0.00
61 T	1,2-Dibromoethane	50.000	48.491	3.0	106	0.00
62 S	4-Bromofluorobenzene	50.000	45.476	9.0	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	54.908	-9.8	112	0.00
65 PM	Chlorobenzene	50.000	82.860	-65.7#	171	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.120	-4.2	110	0.00
67 C	Ethyl Benzene	50.000	53.358	-6.7#	110	0.00
68 T	m/p-Xylenes	100.000	99.931	0.1	103	0.00
69 T	o-Xylene	50.000	52.376	-4.8	108	0.00
70 T	Styrene	50.000	58.007	-16.0	108	0.00
71 P	Bromoform	50.000	51.755	-3.5	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	49.690	0.6	105	0.00
74 T	N-amyl acetate	50.000	49.871	0.3	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.843	0.3	107	0.00
76 T	1,2,3-Trichloropropane	50.000	49.545	0.9	106	0.00
77 T	Bromobenzene	50.000	49.937	0.1	107	0.00
78 T	n-propylbenzene	50.000	47.749	4.5	100	0.00
79 T	2-Chlorotoluene	50.000	50.519	-1.0	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.274	3.5	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.684	6.6	98	0.00
82 T	4-Chlorotoluene	50.000	47.436	5.1	106	0.00
83 T	tert-Butylbenzene	50.000	49.610	0.8	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.767	0.5	110	0.00
85 T	sec-Butylbenzene	50.000	49.613	0.8	108	0.00
86 T	p-Isopropyltoluene	50.000	51.238	-2.5	110	0.00
87 T	1,3-Dichlorobenzene	50.000	57.286	-14.6	110	0.00
88 T	1,4-Dichlorobenzene	50.000	49.854	0.3	112	0.00
89 T	n-Butylbenzene	50.000	49.325	1.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.461	1.1	105	0.00
91 T	1,2-Dichlorobenzene	50.000	50.337	-0.7	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.591	-3.2	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.691	2.6	106	0.00
94 T	Hexachlorobutadiene	50.000	49.284	1.4	105	0.00
95 T	Naphthalene	50.000	55.602	-11.2	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.073	-0.1	101	0.00

(#) = Out of Range

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