

Data File : VF059116.D
 Acq On : 6 Jun 2018 20:00
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICV050

Quant Time: Jun 07 11:00:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 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	50.750	-1.5	110	0.00
3 P	Chloromethane	50.000	53.739	-7.5	112	0.00
4 C	Vinyl Chloride	50.000	55.413	-10.8#	115	0.00
5 T	Bromomethane	50.000	55.215	-10.4	120	0.00
6 T	Chloroethane	50.000	60.145	-20.3	121	0.00
7 T	Trichlorofluoromethane	50.000	53.059	-6.1	105	0.00
8 T	Diethyl Ether	50.000	51.382	-2.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.182	-0.4	105	0.00
10 T	Methyl Iodide	50.000	53.683	-7.4	111	0.00
11 T	Tert butyl alcohol	250.000	229.879	8.0	102	0.00
12 CM	1,1-Dichloroethene	50.000	51.906	-3.8#	105	0.00
13 T	Acrolein	250.000	250.872	-0.3	124	0.00
14 T	Allyl chloride	50.000	53.275	-6.5	115	0.00
15 T	Acrylonitrile	250.000	262.347	-4.9	102	-0.01
16 T	Acetone	250.000	254.304	-1.7	108	0.00
17 T	Carbon Disulfide	50.000	55.490	-11.0	114	0.00
18 T	Methyl Acetate	50.000	50.465	-0.9	114	0.00
19 T	Methyl tert-butyl Ether	50.000	52.531	-5.1	111	0.00
20 T	Methylene Chloride	50.000	51.466	-2.9	114	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.677	0.6	106	0.00
22 T	Diisopropyl ether	50.000	52.847	-5.7	117	0.00
23 T	Vinyl Acetate	250.000	273.839	-9.5	114	0.00
24 P	1,1-Dichloroethane	50.000	51.498	-3.0	113	0.00
25 T	2-Butanone	250.000	246.139	1.5	112	0.00
26 T	2,2-Dichloropropane	50.000	46.980	6.0	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.135	1.7	103	0.00
28 T	Bromochloromethane	50.000	50.658	-1.3	115	0.00
29	Tetrahydrofuran	250.000	264.440	-5.8	116	0.00
30 C	Chloroform	50.000	48.956	2.1#	102	0.00
31 T	Cyclohexane	50.000	52.249	-4.5	111	0.00
32 T	1,1,1-Trichloroethane	50.000	48.943	2.1	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.387	3.2	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	50.390	-0.8	102	0.00
36 T	1,1-Dichloropropene	50.000	51.653	-3.3	107	0.00
37 T	Ethyl Acetate	50.000	50.194	-0.4	114	0.00
38 T	Carbon Tetrachloride	50.000	54.673	-9.3	110	0.00
39 T	Methylcyclohexane	50.000	52.271	-4.5	107	0.00
40 TM	Benzene	50.000	50.255	-0.5	108	0.00
41 T	Methacrylonitrile	50.000	50.689	-1.4	111	0.00
42 TM	1,2-Dichloroethane	50.000	50.411	-0.8	105	0.00
43 T	Isopropyl Acetate	50.000	53.148	-6.3	122	0.00
44 TM	Trichloroethene	50.000	49.440	1.1	107	0.00
45 C	1,2-Dichloropropane	50.000	50.093	-0.2#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.424	1.2	102	0.00
47 T	Bromodichloromethane	50.000	49.993	0.0	104	0.00
48 T	Methyl methacrylate	50.000	51.400	-2.8	109	0.00
49 T	1,4-Dioxane	1000.000	906.313	9.4	98	0.00
50 S	Toluene-d8	50.000	51.856	-3.7	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.312	-0.1	114	0.00
52 CM	Toluene	50.000	48.778	2.4#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	47.282	5.4	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.661	-1.3	108	0.00
55 T	1,1,2-Trichloroethane	50.000	50.173	-0.3	106	0.00
56 T	Ethyl methacrylate	50.000	51.365	-2.7	113	0.00
57 T	1,3-Dichloropropane	50.000	49.952	0.1	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.813	1.3	111	0.00
59 T	2-Hexanone	250.000	256.115	-2.4	118	0.00
60 T	Dibromochloromethane	50.000	49.559	0.9	104	0.00
61 T	1,2-Dibromoethane	50.000	51.339	-2.7	110	0.00
62 S	4-Bromofluorobenzene	50.000	47.778	4.4	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	50.559	-1.1	103	0.00
65 PM	Chlorobenzene	50.000	51.459	-2.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.971	4.1	101	0.00
67 C	Ethyl Benzene	50.000	49.944	0.1#	102	0.00
68 T	m/p-Xylenes	100.000	97.975	2.0	110	0.00
69 T	o-Xylene	50.000	50.793	-1.6	106	0.00
70 T	Styrene	50.000	49.523	1.0	104	0.00
71 P	Bromoform	50.000	51.026	-2.1	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	48.613	2.8	103	0.00
74 T	N-amyl acetate	50.000	52.543	-5.1	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.570	2.9	107	0.00
76 T	1,2,3-Trichloropropane	50.000	47.703	4.6	106	0.00
77 T	Bromobenzene	50.000	48.180	3.6	103	0.00
78 T	n-propylbenzene	50.000	47.418	5.2	100	0.00
79 T	2-Chlorotoluene	50.000	47.644	4.7	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.409	3.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.049	3.9	108	0.00
82 T	4-Chlorotoluene	50.000	48.821	2.4	106	0.00
83 T	tert-Butylbenzene	50.000	48.407	3.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.072	1.9	100	0.00
85 T	sec-Butylbenzene	50.000	49.320	1.4	104	0.00
86 T	p-Isopropyltoluene	50.000	49.491	1.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	47.132	5.7	102	0.00
88 T	1,4-Dichlorobenzene	50.000	49.500	1.0	105	0.00
89 T	n-Butylbenzene	50.000	47.724	4.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.766	0.5	104	0.00
91 T	1,2-Dichlorobenzene	50.000	48.345	3.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.478	-3.0	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.069	-2.1	108	0.00
94 T	Hexachlorobutadiene	50.000	51.292	-2.6	104	0.00
95 T	Naphthalene	50.000	51.403	-2.8	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.230	-4.5	105	0.00

(#) = Out of Range

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