

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF092618\
 Data File : VF060347.D
 Acq On : 26 Sep 2018 12:21
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 26 17:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	48.508	3.0	109	0.00
3 P	Chloromethane	50.000	41.410	17.2	107	0.00
4 C	Vinyl Chloride	50.000	43.750	12.5#	113	0.00
5 T	Bromomethane	50.000	52.135	-4.3	109	0.00
6 T	Chloroethane	50.000	44.824	10.4	107	0.00
7 T	Trichlorofluoromethane	50.000	46.959	6.1	112	0.00
8 T	Diethyl Ether	50.000	45.425	9.2	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.005	8.0	113	0.00
10 T	Methyl Iodide	50.000	45.132	9.7	112	0.00
11 T	Tert butyl alcohol	250.000	308.087	-23.2	146	0.00
12 CM	1,1-Dichloroethene	50.000	44.496	11.0#	106	0.00
13 T	Acrolein	250.000	220.634	11.7	113	0.00
14 T	Allyl chloride	50.000	45.247	9.5	107	0.00
15 T	Acrylonitrile	250.000	239.256	4.3	119	0.00
16 T	Acetone	250.000	294.907	-18.0	139	0.00
17 T	Carbon Disulfide	50.000	46.655	6.7	103	0.02
18 T	Methyl Acetate	50.000	51.350	-2.7	125	0.00
19 T	Methyl tert-butyl Ether	50.000	50.424	-0.8	123	0.00
20 T	Methylene Chloride	50.000	51.782	-3.6	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.101	11.8	112	0.00
22 T	Diisopropyl ether	50.000	48.383	3.2	117	0.00
23 T	Vinyl Acetate	250.000	252.522	-1.0	125	0.00
24 P	1,1-Dichloroethane	50.000	46.312	7.4	119	0.00
25 T	2-Butanone	250.000	282.610	-13.0	129	0.00
26 T	2,2-Dichloropropane	50.000	45.850	8.3	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.435	7.1	115	0.00
28 T	Bromochloromethane	50.000	48.568	2.9	120	0.00
29	Tetrahydrofuran	250.000	270.249	-8.1	132	0.00
30 C	Chloroform	50.000	48.184	3.6#	111	0.00
31 T	Cyclohexane	50.000	42.760	14.5	108	0.00
32 T	1,1,1-Trichloroethane	50.000	47.522	5.0	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.493	3.0	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	47.553	4.9	108	0.00
36 T	1,1-Dichloropropene	50.000	49.281	1.4	115	0.00
37 T	Ethyl Acetate	50.000	47.345	5.3	112	0.00
38 T	Carbon Tetrachloride	50.000	47.455	5.1	110	0.00
39 T	Methylcyclohexane	50.000	44.711	10.6	104	0.00
40 TM	Benzene	50.000	49.111	1.8	115	0.00
41 T	Methacrylonitrile	50.000	53.556	-7.1	123	0.00
42 TM	1,2-Dichloroethane	50.000	53.989	-8.0	126	0.00
43 T	Isopropyl Acetate	50.000	56.056	-12.1	135	0.00
44 TM	Trichloroethene	50.000	47.426	5.1	109	0.00
45 C	1,2-Dichloropropane	50.000	49.403	1.2#	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	48.658	2.7	112	0.00
47 T	Bromodichloromethane	50.000	48.442	3.1	112	0.00
48 T	Methyl methacrylate	50.000	50.775	-1.5	125	0.00
49 T	1,4-Dioxane	1000.000	1176.185	-17.6	133	-0.01
50 S	Toluene-d8	50.000	46.325	7.3	102	-0.01
51 T	4-Methyl-2-Pentanone	250.000	324.502	-29.8#	143	0.00
52 CM	Toluene	50.000	49.310	1.4#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	51.860	-3.7	121	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.764	-1.5	115	0.00
55 T	1,1,2-Trichloroethane	50.000	56.128	-12.3	123	0.00
56 T	Ethyl methacrylate	50.000	59.820	-19.6	142	0.00
57 T	1,3-Dichloropropane	50.000	57.532	-15.1	127	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.607	3.8	116	0.00
59 T	2-Hexanone	250.000	340.232	-36.1#	147	0.00
60 T	Dibromochloromethane	50.000	53.424	-6.8	118	0.00
61 T	1,2-Dibromoethane	50.000	51.273	-2.5	119	0.00
62 S	4-Bromofluorobenzene	50.000	49.257	1.5	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	46.232	7.5	108	0.00
65 PM	Chlorobenzene	50.000	50.323	-0.6	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.306	-0.6	119	0.00
67 C	Ethyl Benzene	50.000	49.062	1.9#	114	0.00
68 T	m/p-Xylenes	100.000	97.405	2.6	116	0.00
69 T	o-Xylene	50.000	49.623	0.8	115	0.00
70 T	Styrene	50.000	48.105	3.8	112	0.00
71 P	Bromoform	50.000	51.790	-3.6	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73 T	Isopropylbenzene	50.000	48.459	3.1	116	0.00
74 T	N-amyl acetate	50.000	57.024	-14.0	145	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.266	-8.5	128	0.00
76 T	1,2,3-Trichloropropane	50.000	53.398	-6.8	130	0.00
77 T	Bromobenzene	50.000	48.404	3.2	115	0.00
78 T	n-propylbenzene	50.000	58.130	-16.3	114	0.00
79 T	2-Chlorotoluene	50.000	48.916	2.2	122	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.458	1.1	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.192	-2.4	130	0.00
82 T	4-Chlorotoluene	50.000	47.336	5.3	114	0.00
83 T	tert-Butylbenzene	50.000	47.964	4.1	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.296	9.4	111	0.00
85 T	sec-Butylbenzene	50.000	54.515	-9.0	106	0.00
86 T	p-Isopropyltoluene	50.000	55.664	-11.3	110	0.00
87 T	1,3-Dichlorobenzene	50.000	46.491	7.0	113	0.00
88 T	1,4-Dichlorobenzene	50.000	48.910	2.2	115	0.00
89 T	n-Butylbenzene	50.000	54.431	-8.9	116	0.00

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90 T	Hexachloroethane	50.000	48.117	3.8	112	0.00
91 T	1,2-Dichlorobenzene	50.000	47.983	4.0	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.718	-5.4	129	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.970	2.1	119	0.00
94 T	Hexachlorobutadiene	50.000	47.113	5.8	111	0.00
95 T	Naphthalene	50.000	56.252	-12.5	137	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.824	-3.6	120	0.00

(#) = Out of Range

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