

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF092518\
 Data File : VF060324.D
 Acq On : 25 Sep 2018 13:58
 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 02:08:30 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	101	-0.02
2 T	Dichlorodifluoromethane	50.000	52.498	-5.0	106	0.00
3 P	Chloromethane	50.000	43.635	12.7	101	0.00
4 C	Vinyl Chloride	50.000	44.186	11.6#	102	0.00
5 T	Bromomethane	50.000	57.613	-15.2	107	0.00
6 T	Chloroethane	50.000	51.724	-3.4	112	0.00
7 T	Trichlorofluoromethane	50.000	53.027	-6.1	113	0.00
8 T	Diethyl Ether	50.000	47.388	5.2	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.633	0.7	109	0.00
10 T	Methyl Iodide	50.000	48.354	3.3	108	0.00
11 T	Tert butyl alcohol	250.000	293.696	-17.5	125	-0.02
12 CM	1,1-Dichloroethene	50.000	50.426	-0.9#	108	0.00
13 T	Acrolein	250.000	289.690	-15.9	127	0.00
14 T	Allyl chloride	50.000	47.225	5.5	101	0.00
15 T	Acrylonitrile	250.000	267.559	-7.0	120	0.00
16 T	Acetone	250.000	271.513	-8.6	115	0.00
17 T	Carbon Disulfide	50.000	52.700	-5.4	103	0.00
18 T	Methyl Acetate	50.000	50.307	-0.6	110	0.00
19 T	Methyl tert-butyl Ether	50.000	49.774	0.5	109	0.00
20 T	Methylene Chloride	50.000	56.188	-12.4	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.418	5.2	108	0.00
22 T	Diisopropyl ether	50.000	48.594	2.8	106	0.00
23 T	Vinyl Acetate	250.000	233.090	6.8	103	0.00
24 P	1,1-Dichloroethane	50.000	50.613	-1.2	117	0.00
25 T	2-Butanone	250.000	232.894	6.8	96	0.00
26 T	2,2-Dichloropropane	50.000	47.847	4.3	100	-0.02
27 T	cis-1,2-Dichloroethene	50.000	44.248	11.5	98	-0.02
28 T	Bromochloromethane	50.000	45.737	8.5	102	-0.02
29	Tetrahydrofuran	250.000	211.324	15.5	93	0.00
30 C	Chloroform	50.000	47.938	4.1#	100	-0.02
31 T	Cyclohexane	50.000	41.417	17.2	94	-0.02
32 T	1,1,1-Trichloroethane	50.000	47.467	5.1	99	-0.02
33 S	1,2-Dichloroethane-d4	50.000	46.228	7.5	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	43.281	13.4	94	-0.02
36 T	1,1-Dichloropropene	50.000	44.335	11.3	99	-0.02
37 T	Ethyl Acetate	50.000	38.978	22.0	88	-0.02
38 T	Carbon Tetrachloride	50.000	43.790	12.4	97	-0.02
39 T	Methylcyclohexane	50.000	44.394	11.2	98	0.00
40 TM	Benzene	50.000	42.855	14.3	96	0.00
41 T	Methacrylonitrile	50.000	40.977	18.0	90	-0.02
42 TM	1,2-Dichloroethane	50.000	47.904	4.2	107	0.00
43 T	Isopropyl Acetate	50.000	42.427	15.1	98	0.00
44 TM	Trichloroethene	50.000	46.683	6.6	102	0.00
45 C	1,2-Dichloropropane	50.000	46.072	7.9#	102	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.467	7.1	103	-0.02
47 T	Bromodichloromethane	50.000	49.129	1.7	109	-0.02
48 T	Methyl methacrylate	50.000	43.775	12.5	103	0.00
49 T	1,4-Dioxane	1000.000	925.063	7.5	100	-0.02
50 S	Toluene-d8	50.000	44.209	11.6	93	-0.02
51 T	4-Methyl-2-Pentanone	250.000	271.097	-8.4	114	-0.02
52 CM	Toluene	50.000	45.330	9.3#	102	-0.02
53 T	t-1,3-Dichloropropene	50.000	46.632	6.7	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.850	12.3	95	0.00
55 T	1,1,2-Trichloroethane	50.000	47.838	4.3	101	-0.02
56 T	Ethyl methacrylate	50.000	49.859	0.3	113	0.00
57 T	1,3-Dichloropropane	50.000	47.490	5.0	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.600	8.2	106	0.00
59 T	2-Hexanone	250.000	277.265	-10.9	115	0.00
60 T	Dibromochloromethane	50.000	47.665	4.7	101	-0.02
61 T	1,2-Dibromoethane	50.000	46.462	7.1	104	0.00
62 S	4-Bromofluorobenzene	50.000	44.933	10.1	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	-0.02
64 T	Tetrachloroethene	50.000	44.593	10.8	97	0.00
65 PM	Chlorobenzene	50.000	47.423	5.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.788	2.4	108	0.00
67 C	Ethyl Benzene	50.000	46.911	6.2#	102	0.00
68 T	m/p-Xylenes	100.000	93.948	6.1	104	0.00
69 T	o-Xylene	50.000	49.533	0.9	107	0.00
70 T	Styrene	50.000	48.656	2.7	106	-0.02
71 P	Bromoform	50.000	47.946	4.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	46.445	7.1	106	0.00
74 T	N-amyl acetate	50.000	48.757	2.5	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.373	3.3	108	0.00
76 T	1,2,3-Trichloropropane	50.000	46.304	7.4	107	-0.02
77 T	Bromobenzene	50.000	45.136	9.7	102	0.00
78 T	n-propylbenzene	50.000	57.122	-14.2	106	0.00
79 T	2-Chlorotoluene	50.000	46.165	7.7	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.605	2.8	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.116	7.8	111	0.00
82 T	4-Chlorotoluene	50.000	47.132	5.7	108	0.00
83 T	tert-Butylbenzene	50.000	47.542	4.9	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.669	6.7	109	0.00
85 T	sec-Butylbenzene	50.000	57.771	-15.5	106	0.00
86 T	p-Isopropyltoluene	50.000	55.899	-11.8	104	0.00
87 T	1,3-Dichlorobenzene	50.000	44.639	10.7	103	0.00
88 T	1,4-Dichlorobenzene	50.000	45.776	8.4	102	0.00
89 T	n-Butylbenzene	50.000	52.279	-4.6	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.899	0.2	110	0.00
91 T	1,2-Dichlorobenzene	50.000	47.206	5.6	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.689	6.6	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.319	7.4	107	0.00
94 T	Hexachlorobutadiene	50.000	48.765	2.5	108	0.00
95 T	Naphthalene	50.000	51.678	-3.4	119	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.341	-0.7	110	0.00

(#) = Out of Range

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