

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF100318\
 Data File : VF060417.D
 Acq On : 3 Oct 2018 15:41
 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: Oct 04 05:33:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 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	130	0.00
2 T	Dichlorodifluoromethane	50.000	40.659	18.7	100	0.00
3 P	Chloromethane	50.000	44.827	10.3	117	0.00
4 C	Vinyl Chloride	50.000	44.906	10.2#	116	0.00
5 T	Bromomethane	50.000	44.943	10.1	109	0.00
6 T	Chloroethane	50.000	44.731	10.5	110	0.00
7 T	Trichlorofluoromethane	50.000	42.390	15.2	103	0.00
8 T	Diethyl Ether	50.000	43.630	12.7	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.663	16.7	107	0.00
10 T	Methyl Iodide	50.000	43.673	12.7	113	0.00
11 T	Tert butyl alcohol	250.000	196.372	21.5	103	0.00
12 CM	1,1-Dichloroethene	50.000	42.248	15.5#	111	0.00
13 T	Acrolein	250.000	223.786	10.5	113	0.00
14 T	Allyl chloride	50.000	46.275	7.5	118	0.00
15 T	Acrylonitrile	250.000	222.747	10.9	118	0.00
16 T	Acetone	250.000	242.143	3.1	119	0.01
17 T	Carbon Disulfide	50.000	43.763	12.5	112	0.00
18 T	Methyl Acetate	50.000	46.572	6.9	123	0.01
19 T	Methyl tert-butyl Ether	50.000	42.324	15.4	107	0.00
20 T	Methylene Chloride	50.000	50.472	-0.9	128	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.370	11.3	116	0.00
22 T	Diisopropyl ether	50.000	47.742	4.5	126	0.00
23 T	Vinyl Acetate	250.000	223.255	10.7	117	0.00
24 P	1,1-Dichloroethane	50.000	45.609	8.8	119	0.00
25 T	2-Butanone	250.000	222.652	10.9	125	0.00
26 T	2,2-Dichloropropane	50.000	45.040	9.9	114	0.02
27 T	cis-1,2-Dichloroethene	50.000	45.334	9.3	120	0.00
28 T	Bromochloromethane	50.000	46.199	7.6	110	0.00
29	Tetrahydrofuran	250.000	223.489	10.6	115	0.01
30 C	Chloroform	50.000	43.023	14.0#	108	0.00
31 T	Cyclohexane	50.000	48.052	3.9	122	0.02
32 T	1,1,1-Trichloroethane	50.000	44.467	11.1	108	0.02
33 S	1,2-Dichloroethane-d4	50.000	45.000	10.0	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35 S	Dibromofluoromethane	50.000	45.627	8.7	106	0.00
36 T	1,1-Dichloropropene	50.000	48.637	2.7	116	0.00
37 T	Ethyl Acetate	50.000	42.535	14.9	109	0.00
38 T	Carbon Tetrachloride	50.000	49.118	1.8	112	0.00
39 T	Methylcyclohexane	50.000	48.350	3.3	126	0.00
40 TM	Benzene	50.000	49.846	0.3	127	0.02
41 T	Methacrylonitrile	50.000	45.821	8.4	119	0.00
42 TM	1,2-Dichloroethane	50.000	42.782	14.4	103	0.00
43 T	Isopropyl Acetate	50.000	46.099	7.8	119	0.00
44 TM	Trichloroethene	50.000	48.014	4.0	123	0.00
45 C	1,2-Dichloropropane	50.000	48.995	2.0#	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.815	6.4	113	0.00
47 T	Bromodichloromethane	50.000	47.731	4.5	116	0.00
48 T	Methyl methacrylate	50.000	44.397	11.2	110	0.00
49 T	1,4-Dioxane	1000.000	962.209	3.8	112	0.00
50 S	Toluene-d8	50.000	50.153	-0.3	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	228.077	8.8	119	0.00
52 CM	Toluene	50.000	49.253	1.5#	128	0.00
53 T	t-1,3-Dichloropropene	50.000	47.958	4.1	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.258	3.5	114	0.00
55 T	1,1,2-Trichloroethane	50.000	47.292	5.4	119	0.00
56 T	Ethyl methacrylate	50.000	48.618	2.8	124	0.00
57 T	1,3-Dichloropropane	50.000	49.089	1.8	124	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.643	9.3	116	0.00
59 T	2-Hexanone	250.000	239.124	4.4	132	0.00
60 T	Dibromochloromethane	50.000	48.009	4.0	115	0.00
61 T	1,2-Dibromoethane	50.000	49.812	0.4	122	0.00
62 S	4-Bromofluorobenzene	50.000	46.503	7.0	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	49.314	1.4	122	0.00
65 PM	Chlorobenzene	50.000	48.861	2.3	120	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.083	7.8	111	0.00
67 C	Ethyl Benzene	50.000	48.029	3.9#	118	0.00
68 T	m/p-Xylenes	100.000	98.698	1.3	125	0.00
69 T	o-Xylene	50.000	48.814	2.4	118	0.00
70 T	Styrene	50.000	48.024	4.0	120	0.00
71 P	Bromoform	50.000	45.990	8.0	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73 T	Isopropylbenzene	50.000	52.556	-5.1	124	0.00
74 T	N-amyl acetate	50.000	46.849	6.3	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.305	-0.6	119	0.00
76 T	1,2,3-Trichloropropane	50.000	46.566	6.9	110	0.00
77 T	Bromobenzene	50.000	47.649	4.7	114	0.00
78 T	n-propylbenzene	50.000	49.782	0.4	116	0.00
79 T	2-Chlorotoluene	50.000	48.923	2.2	114	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.456	3.1	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.374	-8.7	121	0.00
82 T	4-Chlorotoluene	50.000	47.092	5.8	112	0.00
83 T	tert-Butylbenzene	50.000	51.052	-2.1	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.915	0.2	116	0.00
85 T	sec-Butylbenzene	50.000	47.920	4.2	111	0.00
86 T	p-Isopropyltoluene	50.000	49.209	1.6	114	0.00
87 T	1,3-Dichlorobenzene	50.000	48.988	2.0	117	0.00
88 T	1,4-Dichlorobenzene	50.000	47.695	4.6	112	0.00
89 T	n-Butylbenzene	50.000	47.986	4.0	109	0.00

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90 T	Hexachloroethane	50.000	50.096	-0.2	112	0.00
91 T	1,2-Dichlorobenzene	50.000	50.479	-1.0	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.778	2.4	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.658	0.7	116	0.00
94 T	Hexachlorobutadiene	50.000	48.639	2.7	114	0.00
95 T	Naphthalene	50.000	47.588	4.8	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.439	-2.9	117	0.00

(#) = Out of Range

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