

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059354.D
 Acq On : 28 Jun 2018 11:16
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 04:30:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 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	102	0.01
2 T	Dichlorodifluoromethane	50.000	45.178	9.6	92	0.01
3 P	Chloromethane	50.000	46.146	7.7	100	0.00
4 C	Vinyl Chloride	50.000	49.453	1.1#	103	0.00
5 T	Bromomethane	50.000	63.953	-27.9#	111	0.00
6 T	Chloroethane	50.000	52.610	-5.2	109	0.00
7 T	Trichlorofluoromethane	50.000	53.606	-7.2	106	0.00
8 T	Diethyl Ether	50.000	47.618	4.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.660	-3.3	110	0.00
10 T	Methyl Iodide	50.000	48.625	2.8	101	0.00
11 T	Tert butyl alcohol	250.000	222.827	10.9	89	0.01
12 CM	1,1-Dichloroethene	50.000	49.408	1.2#	101	0.00
13 T	Acrolein	250.000	445.824	-78.3#	174	0.00
14 T	Allyl chloride	50.000	50.520	-1.0	103	0.01
15 T	Acrylonitrile	250.000	218.412	12.6	89	0.00
16 T	Acetone	250.000	299.117	-19.6	112	0.01
17 T	Carbon Disulfide	50.000	46.914	6.2	97	0.00
18 T	Methyl Acetate	50.000	51.257	-2.5	102	0.00
19 T	Methyl tert-butyl Ether	50.000	51.542	-3.1	107	0.01
20 T	Methylene Chloride	50.000	42.710	14.6	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.428	5.1	102	0.00
22 T	Diisopropyl ether	50.000	48.417	3.2	100	0.01
23 T	Vinyl Acetate	250.000	242.539	3.0	96	0.00
24 P	1,1-Dichloroethane	50.000	46.077	7.8	96	0.01
25 T	2-Butanone	250.000	261.586	-4.6	102	0.01
26 T	2,2-Dichloropropane	50.000	49.906	0.2	103	0.01
27 T	cis-1,2-Dichloroethene	50.000	48.397	3.2	103	0.01
28 T	Bromochloromethane	50.000	50.214	-0.4	98	0.01
29	Tetrahydrofuran	250.000	263.969	-5.6	102	0.02
30 C	Chloroform	50.000	48.072	3.9#	100	0.01
31 T	Cyclohexane	50.000	43.999	12.0	93	0.01
32 T	1,1,1-Trichloroethane	50.000	49.796	0.4	103	0.01
33 S	1,2-Dichloroethane-d4	50.000	45.395	9.2	98	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.01
35 S	Dibromofluoromethane	50.000	46.781	6.4	98	0.01
36 T	1,1-Dichloropropene	50.000	47.754	4.5	100	0.01
37 T	Ethyl Acetate	50.000	50.418	-0.8	93	0.00
38 T	Carbon Tetrachloride	50.000	52.587	-5.2	107	0.01
39 T	Methylcyclohexane	50.000	48.543	2.9	100	0.01
40 TM	Benzene	50.000	47.508	5.0	99	0.02
41 T	Methacrylonitrile	50.000	45.593	8.8	90	0.01
42 TM	1,2-Dichloroethane	50.000	49.141	1.7	98	0.01
43 T	Isopropyl Acetate	50.000	50.537	-1.1	100	0.01
44 TM	Trichloroethene	50.000	46.614	6.8	97	0.01
45 C	1,2-Dichloropropane	50.000	50.218	-0.4#	105	0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.442	-0.9	97	0.01
47 T	Bromodichloromethane	50.000	50.421	-0.8	98	0.01
48 T	Methyl methacrylate	50.000	52.065	-4.1	101	0.01
49 T	1,4-Dioxane	1000.000	1163.964	-16.4	107	0.01
50 S	Toluene-d8	50.000	47.132	5.7	96	0.01
51 T	4-Methyl-2-Pentanone	250.000	254.929	-2.0	99	0.01
52 CM	Toluene	50.000	47.552	4.9#	96	0.01
53 T	t-1,3-Dichloropropene	50.000	51.694	-3.4	102	0.01
54 T	cis-1,3-Dichloropropene	50.000	50.448	-0.9	96	0.01
55 T	1,1,2-Trichloroethane	50.000	50.398	-0.8	96	0.01
56 T	Ethyl methacrylate	50.000	50.977	-2.0	96	0.01
57 T	1,3-Dichloropropane	50.000	51.189	-2.4	102	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	250.769	-0.3	101	0.01
59 T	2-Hexanone	250.000	284.382	-13.8	100	0.01
60 T	Dibromochloromethane	50.000	51.749	-3.5	96	0.01
61 T	1,2-Dibromoethane	50.000	48.482	3.0	92	0.01
62 S	4-Bromofluorobenzene	50.000	48.768	2.5	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.01
64 T	Tetrachloroethene	50.000	45.432	9.1	94	0.01
65 PM	Chlorobenzene	50.000	48.152	3.7	104	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	46.770	6.5	99	0.01
67 C	Ethyl Benzene	50.000	45.992	8.0#	101	0.01
68 T	m/p-Xylenes	100.000	93.301	6.7	102	0.00
69 T	o-Xylene	50.000	47.846	4.3	101	0.01
70 T	Styrene	50.000	46.771	6.5	99	0.01
71 P	Bromoform	50.000	49.200	1.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	50.167	-0.3	101	0.01
74 T	N-amyl acetate	50.000	49.216	1.6	98	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.582	0.8	98	0.00
76 T	1,2,3-Trichloropropane	50.000	49.369	1.3	100	0.01
77 T	Bromobenzene	50.000	48.507	3.0	100	0.01
78 T	n-propylbenzene	50.000	47.633	4.7	101	0.01
79 T	2-Chlorotoluene	50.000	49.410	1.2	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.032	-0.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.823	-1.6	101	0.01
82 T	4-Chlorotoluene	50.000	49.945	0.1	102	0.00
83 T	tert-Butylbenzene	50.000	49.718	0.6	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.206	1.6	101	0.00
85 T	sec-Butylbenzene	50.000	50.181	-0.4	103	0.01
86 T	p-Isopropyltoluene	50.000	50.507	-1.0	103	0.01
87 T	1,3-Dichlorobenzene	50.000	53.849	-7.7	101	0.01
88 T	1,4-Dichlorobenzene	50.000	48.916	2.2	103	0.01
89 T	n-Butylbenzene	50.000	51.323	-2.6	109	0.01

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90 T	Hexachloroethane	50.000	50.093	-0.2	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.243	3.5	98	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.390	-2.8	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.974	-1.9	100	0.00
94 T	Hexachlorobutadiene	50.000	52.613	-5.2	107	0.00
95 T	Naphthalene	50.000	53.699	-7.4	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.935	-5.9	102	0.01

(#) = Out of Range

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