

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF050719\
 Data File : VF062349.D
 Acq On : 7 May 2019 10:03
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 15:57:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% 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	39.590	20.8#	101	0.00
3 P	Chloromethane	50.000	41.054	17.9	107	-0.01
4 C	Vinyl Chloride	50.000	41.368	17.3#	104	0.00
5 T	Bromomethane	50.000	44.879	10.2	103	0.00
6 T	Chloroethane	50.000	43.217	13.6	103	-0.01
7 T	Trichlorofluoromethane	50.000	43.030	13.9	99	-0.01
8 T	Diethyl Ether	50.000	42.813	14.4	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.569	16.9	98	-0.01
10 T	Methyl Iodide	50.000	44.792	10.4	106	-0.01
11 T	Tert butyl alcohol	250.000	210.960	15.6	99	-0.02
12 CM	1,1-Dichloroethene	50.000	41.529	16.9#	103	-0.01
13 T	Acrolein	250.000	316.367	-26.5#	136	0.00
14 T	Allyl chloride	50.000	71.774	-43.5#	182	0.00
15 T	Acrylonitrile	250.000	234.411	6.2	104	0.00
16 T	Acetone	250.000	303.814	-21.5#	134	-0.01
17 T	Carbon Disulfide	50.000	42.670	14.7	104	-0.01
18 T	Methyl Acetate	50.000	42.082	15.8	95	-0.01
19 T	Methyl tert-butyl Ether	50.000	45.202	9.6	104	0.00
20 T	Methylene Chloride	50.000	41.984	16.0	104	-0.02
21 T	trans-1,2-Dichloroethene	50.000	41.270	17.5	99	0.00
22 T	Diisopropyl ether	50.000	45.062	9.9	98	-0.01
23 T	Vinyl Acetate	250.000	233.831	6.5	97	0.00
24 P	1,1-Dichloroethane	50.000	47.126	5.7	104	0.00
25 T	2-Butanone	250.000	260.832	-4.3	115	-0.01
26 T	2,2-Dichloropropane	50.000	46.114	7.8	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.993	12.0	100	0.00
28 T	Bromochloromethane	50.000	50.598	-1.2	103	0.00
29 T	Tetrahydrofuran	250.000	217.292	13.1	101	0.00
30 C	Chloroform	50.000	43.732	12.5#	94	0.00
31 T	Cyclohexane	50.000	43.402	13.2	100	0.00
32 T	1,1,1-Trichloroethane	50.000	45.014	10.0	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.704	-3.4	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	51.131	-2.3	104	0.00
36 T	1,1-Dichloropropene	50.000	45.941	8.1	100	0.00
37 T	Ethyl Acetate	50.000	48.407	3.2	97	0.00
38 T	Carbon Tetrachloride	50.000	51.582	-3.2	108	0.00
39 T	Methylcyclohexane	50.000	45.362	9.3	95	0.00
40 TM	Benzene	50.000	46.138	7.7	103	0.00
41 T	Methacrylonitrile	50.000	43.297	13.4	96	0.00
42 TM	1,2-Dichloroethane	50.000	46.457	7.1	97	0.00
43 T	Isopropyl Acetate	50.000	45.920	8.2	101	0.00
44 TM	Trichloroethene	50.000	44.492	11.0	96	0.00
45 C	1,2-Dichloropropane	50.000	48.553	2.9#	103	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.325	7.3	99	0.00
47 T	Bromodichloromethane	50.000	46.292	7.4	99	0.00
48 T	Methyl methacrylate	50.000	48.529	2.9	101	0.00
49 T	1,4-Dioxane	1000.000	1032.895	-3.3	105	0.00
50 S	Toluene-d8	50.000	54.733	-9.5	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	233.130	6.7	100	-0.01
52 CM	Toluene	50.000	46.232	7.5#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	46.826	6.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.947	4.1	100	0.00
55 T	1,1,2-Trichloroethane	50.000	45.619	8.8	96	0.00
56 T	Ethyl methacrylate	50.000	43.997	12.0	97	-0.01
57 T	1,3-Dichloropropane	50.000	47.958	4.1	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	214.947	14.0	97	0.00
59 T	2-Hexanone	250.000	264.767	-5.9	115	0.00
60 T	Dibromochloromethane	50.000	47.721	4.6	99	0.00
61 T	1,2-Dibromoethane	50.000	44.823	10.4	94	0.00
62 S	4-Bromofluorobenzene	50.000	49.867	0.3	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	41.124	17.8	95	0.00
65 PM	Chlorobenzene	50.000	45.515	9.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.404	9.2	102	0.00
67 C	Ethyl Benzene	50.000	45.511	9.0#	103	0.00
68 T	m/p-Xylenes	100.000	89.280	10.7	106	0.00
69 T	o-Xylene	50.000	46.729	6.5	106	0.00
70 T	Styrene	50.000	44.488	11.0	102	0.00
71 P	Bromoform	50.000	45.306	9.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	46.488	7.0	101	0.00
74 T	N-amyl acetate	50.000	44.283	11.4	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.801	2.4	105	0.00
76 T	1,2,3-Trichloropropane	50.000	44.913	10.2	100	0.00
77 T	Bromobenzene	50.000	45.144	9.7	98	0.00
78 T	n-propylbenzene	50.000	46.324	7.4	104	0.00
79 T	2-Chlorotoluene	50.000	45.502	9.0	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.524	7.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.690	10.6	104	0.00
82 T	4-Chlorotoluene	50.000	47.316	5.4	104	0.00
83 T	tert-Butylbenzene	50.000	46.140	7.7	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.952	6.1	102	0.00
85 T	sec-Butylbenzene	50.000	46.524	7.0	103	0.00
86 T	p-Isopropyltoluene	50.000	47.231	5.5	105	0.00
87 T	1,3-Dichlorobenzene	50.000	44.900	10.2	102	0.00
88 T	1,4-Dichlorobenzene	50.000	44.306	11.4	96	0.00
89 T	n-Butylbenzene	50.000	47.521	5.0	107	0.00

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90 T	Hexachloroethane	50.000	47.504	5.0	102	0.00
91 T	1,2-Dichlorobenzene	50.000	44.590	10.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.097	5.8	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.199	7.6	102	0.00
94 T	Hexachlorobutadiene	50.000	47.512	5.0	103	0.00
95 T	Naphthalene	50.000	45.479	9.0	97	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	47.454	5.1	102	0.00

(#) = Out of Range

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