

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF031819\
 Data File : VF061989.D
 Acq On : 18 Mar 2019 10:55
 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: Mar 19 02:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 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	108	-0.02
2 T	Dichlorodifluoromethane	50.000	48.957	2.1	107	-0.01
3 P	Chloromethane	50.000	50.531	-1.1	115	0.00
4 C	Vinyl Chloride	50.000	50.112	-0.2#	112	-0.01
5 T	Bromomethane	50.000	51.141	-2.3	105	-0.01
6 T	Chloroethane	50.000	49.720	0.6	104	0.00
7 T	Trichlorofluoromethane	50.000	50.998	-2.0	109	0.00
8 T	Diethyl Ether	50.000	47.517	5.0	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.393	1.2	112	-0.01
10 T	Methyl Iodide	50.000	50.846	-1.7	108	-0.01
11 T	Tert butyl alcohol	250.000	202.539	19.0	79	-0.02
12 CM	1,1-Dichloroethene	50.000	49.204	1.6#	109	0.00
13 T	Acrolein	250.000	261.717	-4.7	125	-0.01
14 T	Allyl chloride	50.000	48.348	3.3	105	-0.01
15 T	Acrylonitrile	250.000	239.355	4.3	101	-0.01
16 T	Acetone	250.000	274.766	-9.9	117	-0.01
17 T	Carbon Disulfide	50.000	50.180	-0.4	109	-0.01
18 T	Methyl Acetate	50.000	54.057	-8.1	107	-0.02
19 T	Methyl tert-butyl Ether	50.000	48.000	4.0	100	-0.02
20 T	Methylene Chloride	50.000	46.838	6.3	106	-0.01
21 T	trans-1,2-Dichloroethene	50.000	43.483	13.0	93	-0.01
22 T	Diisopropyl ether	50.000	48.454	3.1	100	-0.02
23 T	Vinyl Acetate	250.000	250.718	-0.3	104	-0.02
24 P	1,1-Dichloroethane	50.000	49.579	0.8	105	-0.01
25 T	2-Butanone	250.000	233.822	6.5	101	-0.02
26 T	2,2-Dichloropropane	50.000	49.474	1.1	105	-0.02
27 T	cis-1,2-Dichloroethene	50.000	47.796	4.4	101	-0.01
28 T	Bromochloromethane	50.000	45.024	10.0	94	-0.02
29	Tetrahydrofuran	250.000	206.355	17.5	86	-0.02
30 C	Chloroform	50.000	49.598	0.8#	109	-0.03
31 T	Cyclohexane	50.000	48.871	2.3	107	-0.01
32 T	1,1,1-Trichloroethane	50.000	44.330	11.3	95	-0.03
33 S	1,2-Dichloroethane-d4	50.000	49.391	1.2	109	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	-0.02
35 S	Dibromofluoromethane	50.000	52.446	-4.9	115	-0.02
36 T	1,1-Dichloropropene	50.000	51.465	-2.9	104	-0.02
37 T	Ethyl Acetate	50.000	42.715	14.6	88	-0.02
38 T	Carbon Tetrachloride	50.000	52.315	-4.6	107	-0.02
39 T	Methylcyclohexane	50.000	51.637	-3.3	102	-0.02
40 TM	Benzene	50.000	50.611	-1.2	106	-0.02
41 T	Methacrylonitrile	50.000	44.680	10.6	94	-0.02
42 TM	1,2-Dichloroethane	50.000	49.818	0.4	102	-0.02
43 T	Isopropyl Acetate	50.000	44.792	10.4	90	-0.03
44 TM	Trichloroethene	50.000	49.928	0.1	103	-0.02
45 C	1,2-Dichloropropane	50.000	48.126	3.7#	96	-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	50.545	-1.1	98	-0.02
47 T	Bromodichloromethane	50.000	49.283	1.4	100	-0.03
48 T	Methyl methacrylate	50.000	45.873	8.3	95	-0.02
49 T	1,4-Dioxane	1000.000	938.311	6.2	87	-0.02
50 S	Toluene-d8	50.000	52.931	-5.9	113	-0.02
51 T	4-Methyl-2-Pentanone	250.000	227.223	9.1	90	-0.03
52 CM	Toluene	50.000	46.472	7.1#	98	-0.02
53 T	t-1,3-Dichloropropene	50.000	47.159	5.7	94	-0.03
54 T	cis-1,3-Dichloropropene	50.000	50.652	-1.3	101	-0.03
55 T	1,1,2-Trichloroethane	50.000	48.766	2.5	99	-0.02
56 T	Ethyl methacrylate	50.000	47.895	4.2	96	-0.02
57 T	1,3-Dichloropropane	50.000	48.278	3.4	94	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	210.130	15.9	84	-0.02
59 T	2-Hexanone	250.000	240.545	3.8	98	-0.02
60 T	Dibromochloromethane	50.000	51.981	-4.0	102	-0.02
61 T	1,2-Dibromoethane	50.000	47.145	5.7	94	-0.03
62 S	4-Bromofluorobenzene	50.000	51.096	-2.2	116	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	-0.02
64 T	Tetrachloroethene	50.000	49.960	0.1	101	-0.02
65 PM	Chlorobenzene	50.000	49.367	1.3	102	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	52.835	-5.7	106	-0.02
67 C	Ethyl Benzene	50.000	49.990	0.0#	105	-0.02
68 T	m/p-Xylenes	100.000	103.291	-3.3	109	-0.02
69 T	o-Xylene	50.000	50.064	-0.1	101	-0.02
70 T	Styrene	50.000	51.020	-2.0	106	-0.02
71 P	Bromoform	50.000	51.809	-3.6	100	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	-0.01
73 T	Isopropylbenzene	50.000	51.787	-3.6	101	-0.01
74 T	N-amyl acetate	50.000	49.590	0.8	98	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	47.706	4.6	94	-0.01
76 T	1,2,3-Trichloropropane	50.000	45.746	8.5	90	-0.01
77 T	Bromobenzene	50.000	52.737	-5.5	106	-0.02
78 T	n-propylbenzene	50.000	50.194	-0.4	107	-0.01
79 T	2-Chlorotoluene	50.000	50.171	-0.3	104	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.382	-0.8	103	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	51.052	-2.1	93	-0.02
82 T	4-Chlorotoluene	50.000	48.539	2.9	97	-0.02
83 T	tert-Butylbenzene	50.000	52.565	-5.1	105	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.125	1.8	100	-0.02
85 T	sec-Butylbenzene	50.000	49.100	1.8	102	-0.01
86 T	p-Isopropyltoluene	50.000	51.937	-3.9	104	-0.02
87 T	1,3-Dichlorobenzene	50.000	49.788	0.4	102	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.717	-3.4	105	-0.01
89 T	n-Butylbenzene	50.000	51.192	-2.4	102	-0.02

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90 T	Hexachloroethane	50.000	56.078	-12.2	108	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.236	-0.5	104	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.494	-1.0	96	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	50.865	-1.7	102	-0.01
94 T	Hexachlorobutadiene	50.000	51.868	-3.7	101	-0.01
95 T	Naphthalene	50.000	52.060	-4.1	100	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	51.133	-2.3	99	-0.01

(#) = Out of Range

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