

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF030519\
 Data File : VF061843.D
 Acq On : 5 Mar 2019 13:49
 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 06 05:54:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 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	99	-0.01
2 T	Dichlorodifluoromethane	50.000	49.292	1.4	98	0.00
3 P	Chloromethane	50.000	49.684	0.6	100	0.00
4 C	Vinyl Chloride	50.000	50.882	-1.8#	100	0.00
5 T	Bromomethane	50.000	54.126	-8.3	104	-0.01
6 T	Chloroethane	50.000	51.494	-3.0	98	0.00
7 T	Trichlorofluoromethane	50.000	54.153	-8.3	104	-0.01
8 T	Diethyl Ether	50.000	50.747	-1.5	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.251	-4.5	105	0.00
10 T	Methyl Iodide	50.000	52.561	-5.1	103	0.00
11 T	Tert butyl alcohol	250.000	230.255	7.9	91	-0.01
12 CM	1,1-Dichloroethene	50.000	43.707	12.6#	86	0.00
13 T	Acrolein	250.000	282.630	-13.1	114	-0.01
14 T	Allyl chloride	50.000	51.269	-2.5	101	0.00
15 T	Acrylonitrile	250.000	227.908	8.8	91	-0.01
16 T	Acetone	250.000	271.852	-8.7	109	0.00
17 T	Carbon Disulfide	50.000	53.031	-6.1	101	-0.01
18 T	Methyl Acetate	50.000	54.962	-9.9	101	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.602	-1.2	97	-0.01
20 T	Methylene Chloride	50.000	50.964	-1.9	100	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.857	4.3	100	-0.01
22 T	Diisopropyl ether	50.000	52.541	-5.1	102	-0.01
23 T	Vinyl Acetate	250.000	253.182	-1.3	98	-0.01
24 P	1,1-Dichloroethane	50.000	49.858	0.3	98	0.00
25 T	2-Butanone	250.000	243.354	2.7	97	-0.01
26 T	2,2-Dichloropropane	50.000	51.234	-2.5	101	-0.01
27 T	cis-1,2-Dichloroethene	50.000	54.432	-8.9	103	-0.01
28 T	Bromochloromethane	50.000	48.047	3.9	101	-0.01
29	Tetrahydrofuran	250.000	236.248	5.5	98	-0.01
30 C	Chloroform	50.000	52.287	-4.6#	100	-0.01
31 T	Cyclohexane	50.000	50.849	-1.7	98	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.411	3.2	95	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.338	-0.7	102	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	-0.01
35 S	Dibromofluoromethane	50.000	51.945	-3.9	111	-0.01
36 T	1,1-Dichloropropene	50.000	51.184	-2.4	101	-0.01
37 T	Ethyl Acetate	50.000	46.992	6.0	99	-0.01
38 T	Carbon Tetrachloride	50.000	49.759	0.5	94	-0.02
39 T	Methylcyclohexane	50.000	52.881	-5.8	101	-0.01
40 TM	Benzene	50.000	51.372	-2.7	100	-0.01
41 T	Methacrylonitrile	50.000	45.594	8.8	94	-0.01
42 TM	1,2-Dichloroethane	50.000	50.327	-0.7	95	-0.01
43 T	Isopropyl Acetate	50.000	46.838	6.3	90	-0.01
44 TM	Trichloroethene	50.000	51.238	-2.5	99	-0.01
45 C	1,2-Dichloropropane	50.000	51.942	-3.9#	101	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.774	0.5	100	-0.01
47 T	Bromodichloromethane	50.000	50.370	-0.7	97	-0.01
48 T	Methyl methacrylate	50.000	46.502	7.0	90	-0.01
49 T	1,4-Dioxane	1000.000	982.078	1.8	84	0.00
50 S	Toluene-d8	50.000	50.984	-2.0	108	-0.01
51 T	4-Methyl-2-Pentanone	250.000	236.696	5.3	96	-0.01
52 CM	Toluene	50.000	51.352	-2.7#	100	-0.01
53 T	t-1,3-Dichloropropene	50.000	49.705	0.6	98	-0.01
54 T	cis-1,3-Dichloropropene	50.000	49.416	1.2	97	-0.01
55 T	1,1,2-Trichloroethane	50.000	46.921	6.2	94	-0.01
56 T	Ethyl methacrylate	50.000	46.819	6.4	92	-0.01
57 T	1,3-Dichloropropane	50.000	49.319	1.4	92	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	223.854	10.5	95	-0.02
59 T	2-Hexanone	250.000	235.796	5.7	98	-0.01
60 T	Dibromochloromethane	50.000	52.261	-4.5	102	-0.01
61 T	1,2-Dibromoethane	50.000	49.820	0.4	97	-0.01
62 S	4-Bromofluorobenzene	50.000	48.786	2.4	102	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	-0.01
64 T	Tetrachloroethene	50.000	51.591	-3.2	94	-0.01
65 PM	Chlorobenzene	50.000	52.893	-5.8	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.314	-8.6	104	-0.01
67 C	Ethyl Benzene	50.000	54.064	-8.1#	100	-0.01
68 T	m/p-Xylenes	100.000	107.373	-7.4	106	-0.01
69 T	o-Xylene	50.000	52.305	-4.6	97	-0.01
70 T	Styrene	50.000	52.606	-5.2	100	-0.01
71 P	Bromoform	50.000	49.303	1.4	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	54.799	-9.6	100	-0.01
74 T	N-amyl acetate	50.000	51.731	-3.5	95	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.184	-2.4	95	-0.01
76 T	1,2,3-Trichloropropane	50.000	50.931	-1.9	96	-0.01
77 T	Bromobenzene	50.000	52.773	-5.5	98	0.00
78 T	n-propylbenzene	50.000	51.917	-3.8	95	0.00
79 T	2-Chlorotoluene	50.000	53.645	-7.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.966	-5.9	97	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	55.651	-11.3	109	0.00
82 T	4-Chlorotoluene	50.000	52.665	-5.3	95	0.00
83 T	tert-Butylbenzene	50.000	54.727	-9.5	98	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	54.055	-8.1	96	0.00
85 T	sec-Butylbenzene	50.000	54.156	-8.3	97	0.00
86 T	p-Isopropyltoluene	50.000	55.274	-10.5	104	0.00
87 T	1,3-Dichlorobenzene	50.000	52.124	-4.2	99	-0.01
88 T	1,4-Dichlorobenzene	50.000	52.723	-5.4	99	-0.01
89 T	n-Butylbenzene	50.000	53.216	-6.4	99	0.00

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90 T	Hexachloroethane	50.000	55.192	-10.4	97	0.00
91 T	1,2-Dichlorobenzene	50.000	52.918	-5.8	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.258	7.5	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.598	-7.2	103	-0.01
94 T	Hexachlorobutadiene	50.000	51.261	-2.5	97	0.00
95 T	Naphthalene	50.000	50.723	-1.4	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.700	-9.4	99	0.00

(#) = Out of Range

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