

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022519\
 Data File : VF061723.D
 Acq On : 25 Feb 2019 11:19
 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: Feb 26 04:34:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 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	130	-0.02
2 T	Dichlorodifluoromethane	50.000	49.367	1.3	143	0.00
3 P	Chloromethane	50.000	48.779	2.4	131	-0.01
4 C	Vinyl Chloride	50.000	49.388	1.2#	134	0.00
5 T	Bromomethane	50.000	51.561	-3.1	131	0.00
6 T	Chloroethane	50.000	49.494	1.0	132	-0.02
7 T	Trichlorofluoromethane	50.000	52.797	-5.6	143	-0.01
8 T	Diethyl Ether	50.000	46.020	8.0	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.292	-2.6	141	-0.02
10 T	Methyl Iodide	50.000	49.574	0.9	130	-0.01
11 T	Tert butyl alcohol	250.000	214.427	14.2	115	-0.01
12 CM	1,1-Dichloroethene	50.000	48.565	2.9#	131	-0.02
13 T	Acrolein	250.000	235.397	5.8	119	-0.01
14 T	Allyl chloride	50.000	50.474	-0.9	130	0.00
15 T	Acrylonitrile	250.000	205.690	17.7	111	-0.01
16 T	Acetone	250.000	280.833	-12.3	145	-0.01
17 T	Carbon Disulfide	50.000	47.910	4.2	127	-0.01
18 T	Methyl Acetate	50.000	42.695	14.6	126	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.994	2.0	130	0.00
20 T	Methylene Chloride	50.000	49.058	1.9	132	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.291	7.4	124	-0.01
22 T	Diisopropyl ether	50.000	49.867	0.3	134	-0.01
23 T	Vinyl Acetate	250.000	215.539	13.8	116	-0.02
24 P	1,1-Dichloroethane	50.000	48.339	3.3	133	-0.01
25 T	2-Butanone	250.000	244.305	2.3	132	-0.01
26 T	2,2-Dichloropropane	50.000	53.773	-7.5	144	-0.02
27 T	cis-1,2-Dichloroethene	50.000	50.413	-0.8	136	-0.01
28 T	Bromochloromethane	50.000	45.970	8.1	113	-0.01
29	Tetrahydrofuran	250.000	210.800	15.7	116	-0.02
30 C	Chloroform	50.000	52.167	-4.3#	136	-0.01
31 T	Cyclohexane	50.000	47.220	5.6	127	-0.02
32 T	1,1,1-Trichloroethane	50.000	55.276	-10.6	137	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.385	1.2	127	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	127	-0.01
35 S	Dibromofluoromethane	50.000	47.635	4.7	126	-0.01
36 T	1,1-Dichloropropene	50.000	50.237	-0.5	136	-0.02
37 T	Ethyl Acetate	50.000	42.199	15.6	120	-0.01
38 T	Carbon Tetrachloride	50.000	55.908	-11.8	152	-0.01
39 T	Methylcyclohexane	50.000	50.758	-1.5	133	-0.01
40 TM	Benzene	50.000	50.744	-1.5	134	-0.01
41 T	Methacrylonitrile	50.000	45.223	9.6	120	-0.01
42 TM	1,2-Dichloroethane	50.000	49.410	1.2	128	-0.02
43 T	Isopropyl Acetate	50.000	44.727	10.5	126	-0.01
44 TM	Trichloroethene	50.000	50.587	-1.2	137	-0.01
45 C	1,2-Dichloropropane	50.000	51.366	-2.7#	133	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.667	-1.3	127	-0.02
47 T	Bromodichloromethane	50.000	51.984	-4.0	132	-0.01
48 T	Methyl methacrylate	50.000	44.521	11.0	117	-0.01
49 T	1,4-Dioxane	1000.000	756.930	24.3	95	-0.01
50 S	Toluene-d8	50.000	49.960	0.1	125	-0.01
51 T	4-Methyl-2-Pentanone	250.000	213.257	14.7	113	-0.01
52 CM	Toluene	50.000	52.148	-4.3#	145	-0.01
53 T	t-1,3-Dichloropropene	50.000	51.494	-3.0	137	-0.01
54 T	cis-1,3-Dichloropropene	50.000	51.828	-3.7	137	-0.01
55 T	1,1,2-Trichloroethane	50.000	48.630	2.7	125	-0.01
56 T	Ethyl methacrylate	50.000	47.895	4.2	129	-0.01
57 T	1,3-Dichloropropane	50.000	51.442	-2.9	136	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	203.253	18.7	110	-0.01
59 T	2-Hexanone	250.000	243.969	2.4	132	-0.01
60 T	Dibromochloromethane	50.000	53.027	-6.1	136	-0.01
61 T	1,2-Dibromoethane	50.000	49.211	1.6	129	-0.01
62 S	4-Bromofluorobenzene	50.000	47.554	4.9	128	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	128	-0.02
64 T	Tetrachloroethene	50.000	51.555	-3.1	138	-0.01
65 PM	Chlorobenzene	50.000	52.113	-4.2	141	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.361	-2.7	138	-0.01
67 C	Ethyl Benzene	50.000	50.326	-0.7#	139	-0.01
68 T	m/p-Xylenes	100.000	102.722	-2.7	141	-0.01
69 T	o-Xylene	50.000	54.178	-8.4	143	-0.01
70 T	Styrene	50.000	51.341	-2.7	141	-0.01
71 P	Bromoform	50.000	51.421	-2.8	135	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	133	-0.01
73 T	Isopropylbenzene	50.000	51.497	-3.0	142	-0.01
74 T	N-amyl acetate	50.000	45.895	8.2	124	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	47.367	5.3	130	-0.01
76 T	1,2,3-Trichloropropane	50.000	44.817	10.4	123	-0.01
77 T	Bromobenzene	50.000	49.405	1.2	141	-0.01
78 T	n-propylbenzene	50.000	49.931	0.1	140	-0.01
79 T	2-Chlorotoluene	50.000	50.711	-1.4	137	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	49.281	1.4	135	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	49.511	1.0	132	-0.01
82 T	4-Chlorotoluene	50.000	48.505	3.0	136	-0.01
83 T	tert-Butylbenzene	50.000	49.762	0.5	132	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.092	-0.2	141	-0.01
85 T	sec-Butylbenzene	50.000	48.071	3.9	131	-0.01
86 T	p-Isopropyltoluene	50.000	49.057	1.9	136	0.00
87 T	1,3-Dichlorobenzene	50.000	46.893	6.2	134	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.016	-2.0	145	0.00
89 T	n-Butylbenzene	50.000	49.813	0.4	138	0.00

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90 T	Hexachloroethane	50.000	54.797	-9.6	144	-0.01
91 T	1,2-Dichlorobenzene	50.000	49.044	1.9	138	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.501	5.0	123	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.289	3.4	135	-0.01
94 T	Hexachlorobutadiene	50.000	53.453	-6.9	147	-0.01
95 T	Naphthalene	50.000	47.487	5.0	127	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.457	-0.9	135	-0.01

(#) = Out of Range

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