

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022219\
 Data File : VF061704.D
 Acq On : 22 Feb 2019 12:36
 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 23 03:43:28 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	137	-0.04
2 T	Dichlorodifluoromethane	50.000	45.375	9.3	138	0.00
3 P	Chloromethane	50.000	45.680	8.6	129	0.00
4 C	Vinyl Chloride	50.000	47.751	4.5#	136	0.00
5 T	Bromomethane	50.000	48.767	2.5	130	0.01
6 T	Chloroethane	50.000	48.078	3.8	135	-0.02
7 T	Trichlorofluoromethane	50.000	50.191	-0.4	144	0.00
8 T	Diethyl Ether	50.000	44.956	10.1	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.890	4.2	139	-0.02
10 T	Methyl Iodide	50.000	47.302	5.4	131	-0.02
11 T	Tert butyl alcohol	250.000	227.429	9.0	128	-0.02
12 CM	1,1-Dichloroethene	50.000	49.765	0.5#	141	-0.02
13 T	Acrolein	250.000	228.396	8.6	121	-0.02
14 T	Allyl chloride	50.000	47.417	5.2	129	0.00
15 T	Acrylonitrile	250.000	192.234	23.1	110	-0.03
16 T	Acetone	250.000	253.023	-1.2	137	-0.02
17 T	Carbon Disulfide	50.000	46.970	6.1	132	0.00
18 T	Methyl Acetate	50.000	43.051	13.9	134	-0.02
19 T	Methyl tert-butyl Ether	50.000	45.803	8.4	128	-0.02
20 T	Methylene Chloride	50.000	51.115	-2.2	144	-0.02
21 T	trans-1,2-Dichloroethene	50.000	46.180	7.6	130	-0.02
22 T	Diisopropyl ether	50.000	48.705	2.6	138	-0.02
23 T	Vinyl Acetate	250.000	213.784	14.5	121	-0.03
24 P	1,1-Dichloroethane	50.000	48.924	2.2	141	-0.02
25 T	2-Butanone	250.000	226.270	9.5	129	-0.03
26 T	2,2-Dichloropropane	50.000	55.168	-10.3	156	-0.04
27 T	cis-1,2-Dichloroethene	50.000	48.558	2.9	138	-0.03
28 T	Bromochloromethane	50.000	48.195	3.6	125	-0.03
29	Tetrahydrofuran	250.000	205.126	17.9	119	-0.04
30 C	Chloroform	50.000	48.414	3.2#	133	-0.03
31 T	Cyclohexane	50.000	48.767	2.5	138	-0.03
32 T	1,1,1-Trichloroethane	50.000	54.889	-9.8	143	-0.03
33 S	1,2-Dichloroethane-d4	50.000	51.105	-2.2	138	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	133	-0.03
35 S	Dibromofluoromethane	50.000	51.359	-2.7	142	-0.03
36 T	1,1-Dichloropropene	50.000	50.185	-0.4	142	-0.04
37 T	Ethyl Acetate	50.000	40.878	18.2	121	-0.04
38 T	Carbon Tetrachloride	50.000	53.869	-7.7	153	-0.03
39 T	Methylcyclohexane	50.000	53.418	-6.8	147	-0.03
40 TM	Benzene	50.000	48.188	3.6	134	-0.03
41 T	Methacrylonitrile	50.000	47.385	5.2	132	-0.04
42 TM	1,2-Dichloroethane	50.000	50.884	-1.8	138	-0.04
43 T	Isopropyl Acetate	50.000	42.533	14.9	125	-0.03
44 TM	Trichloroethene	50.000	50.426	-0.9	143	-0.03
45 C	1,2-Dichloropropane	50.000	48.621	2.8#	132	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.028	7.9	121	-0.04
47 T	Bromodichloromethane	50.000	48.699	2.6	130	-0.03
48 T	Methyl methacrylate	50.000	42.770	14.5	118	-0.03
49 T	1,4-Dioxane	1000.000	786.483	21.4	104	-0.03
50 S	Toluene-d8	50.000	51.865	-3.7	136	-0.03
51 T	4-Methyl-2-Pentanone	250.000	201.283	19.5	112	-0.03
52 CM	Toluene	50.000	48.086	3.8#	140	-0.03
53 T	t-1,3-Dichloropropene	50.000	46.997	6.0	131	-0.03
54 T	cis-1,3-Dichloropropene	50.000	51.620	-3.2	143	-0.03
55 T	1,1,2-Trichloroethane	50.000	47.185	5.6	127	-0.03
56 T	Ethyl methacrylate	50.000	47.338	5.3	134	-0.03
57 T	1,3-Dichloropropane	50.000	45.657	8.7	126	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	194.319	22.3	110	-0.03
59 T	2-Hexanone	250.000	204.491	18.2	115	-0.03
60 T	Dibromochloromethane	50.000	48.002	4.0	129	-0.03
61 T	1,2-Dibromoethane	50.000	47.510	5.0	131	-0.04
62 S	4-Bromofluorobenzene	50.000	48.838	2.3	137	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	128	-0.04
64 T	Tetrachloroethene	50.000	51.178	-2.4	137	-0.03
65 PM	Chlorobenzene	50.000	50.050	-0.1	135	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	50.978	-2.0	137	-0.03
67 C	Ethyl Benzene	50.000	50.742	-1.5#	140	-0.03
68 T	m/p-Xylenes	100.000	99.668	0.3	137	-0.03
69 T	o-Xylene	50.000	51.618	-3.2	136	-0.03
70 T	Styrene	50.000	51.183	-2.4	140	-0.02
71 P	Bromoform	50.000	47.002	6.0	123	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	130	-0.02
73 T	Isopropylbenzene	50.000	51.055	-2.1	137	-0.02
74 T	N-amyl acetate	50.000	45.131	9.7	118	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	44.127	11.7	118	-0.02
76 T	1,2,3-Trichloropropane	50.000	45.280	9.4	121	-0.02
77 T	Bromobenzene	50.000	50.700	-1.4	140	-0.03
78 T	n-propylbenzene	50.000	49.746	0.5	135	-0.03
79 T	2-Chlorotoluene	50.000	50.135	-0.3	132	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	50.290	-0.6	134	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	42.901	14.2	111	-0.03
82 T	4-Chlorotoluene	50.000	50.084	-0.2	136	-0.03
83 T	tert-Butylbenzene	50.000	49.102	1.8	127	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	50.885	-1.8	139	-0.03
85 T	sec-Butylbenzene	50.000	51.032	-2.1	135	-0.02
86 T	p-Isopropyltoluene	50.000	51.313	-2.6	138	-0.02
87 T	1,3-Dichlorobenzene	50.000	48.885	2.2	136	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.252	-0.5	138	-0.02
89 T	n-Butylbenzene	50.000	50.394	-0.8	135	-0.02

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90 T	Hexachloroethane	50.000	54.117	-8.2	138	-0.02
91 T	1,2-Dichlorobenzene	50.000	46.886	6.2	128	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.308	15.4	107	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	46.431	7.1	127	-0.02
94 T	Hexachlorobutadiene	50.000	51.934	-3.9	139	-0.02
95 T	Naphthalene	50.000	45.585	8.8	118	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	48.549	2.9	127	-0.02

(#) = Out of Range

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