

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022819\
 Data File : VF061785.D
 Acq On : 28 Feb 2019 12:20
 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 01 00:26:12 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	115	-0.03
2 T	Dichlorodifluoromethane	50.000	45.726	8.5	116	0.00
3 P	Chloromethane	50.000	46.391	7.2	110	-0.01
4 C	Vinyl Chloride	50.000	49.178	1.6#	117	0.00
5 T	Bromomethane	50.000	49.298	1.4	110	0.00
6 T	Chloroethane	50.000	49.357	1.3	116	0.00
7 T	Trichlorofluoromethane	50.000	51.956	-3.9	124	0.00
8 T	Diethyl Ether	50.000	45.736	8.5	106	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.689	0.6	120	0.00
10 T	Methyl Iodide	50.000	47.344	5.3	109	0.00
11 T	Tert butyl alcohol	250.000	236.008	5.6	111	-0.01
12 CM	1,1-Dichloroethene	50.000	51.332	-2.7#	122	-0.01
13 T	Acrolein	250.000	249.391	0.2	111	-0.01
14 T	Allyl chloride	50.000	49.121	1.8	112	-0.01
15 T	Acrylonitrile	250.000	225.756	9.7	107	-0.02
16 T	Acetone	250.000	266.535	-6.6	121	-0.01
17 T	Carbon Disulfide	50.000	45.005	10.0	105	-0.01
18 T	Methyl Acetate	50.000	51.260	-2.5	133	-0.01
19 T	Methyl tert-butyl Ether	50.000	49.367	1.3	115	-0.01
20 T	Methylene Chloride	50.000	54.696	-9.4	128	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.602	6.8	110	-0.01
22 T	Diisopropyl ether	50.000	47.489	5.0	112	-0.02
23 T	Vinyl Acetate	250.000	226.860	9.3	107	-0.03
24 P	1,1-Dichloroethane	50.000	50.888	-1.8	123	-0.01
25 T	2-Butanone	250.000	246.159	1.5	117	-0.02
26 T	2,2-Dichloropropane	50.000	54.972	-9.9	130	-0.03
27 T	cis-1,2-Dichloroethene	50.000	48.763	2.5	116	-0.02
28 T	Bromochloromethane	50.000	55.126	-10.3	119	-0.02
29	Tetrahydrofuran	250.000	222.454	11.0	108	-0.03
30 C	Chloroform	50.000	50.932	-1.9#	117	-0.03
31 T	Cyclohexane	50.000	46.762	6.5	111	-0.03
32 T	1,1,1-Trichloroethane	50.000	53.526	-7.1	116	-0.02
33 S	1,2-Dichloroethane-d4	50.000	52.093	-4.2	118	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	-0.03
35 S	Dibromofluoromethane	50.000	52.183	-4.4	121	-0.02
36 T	1,1-Dichloropropene	50.000	51.683	-3.4	122	-0.03
37 T	Ethyl Acetate	50.000	42.892	14.2	107	-0.04
38 T	Carbon Tetrachloride	50.000	52.807	-5.6	126	-0.02
39 T	Methylcyclohexane	50.000	53.532	-7.1	123	-0.02
40 TM	Benzene	50.000	50.795	-1.6	118	-0.02
41 T	Methacrylonitrile	50.000	47.908	4.2	111	-0.03
42 TM	1,2-Dichloroethane	50.000	51.253	-2.5	116	-0.03
43 T	Isopropyl Acetate	50.000	44.078	11.8	108	-0.02
44 TM	Trichloroethene	50.000	51.814	-3.6	123	-0.02
45 C	1,2-Dichloropropane	50.000	50.666	-1.3#	115	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.170	-0.3	110	-0.03
47 T	Bromodichloromethane	50.000	50.711	-1.4	113	-0.03
48 T	Methyl methacrylate	50.000	46.822	6.4	108	-0.02
49 T	1,4-Dioxane	1000.000	1096.999	-9.7	121	-0.02
50 S	Toluene-d8	50.000	53.645	-7.3	118	-0.02
51 T	4-Methyl-2-Pentanone	250.000	220.253	11.9	102	-0.03
52 CM	Toluene	50.000	49.004	2.0#	119	-0.02
53 T	t-1,3-Dichloropropene	50.000	49.262	1.5	115	-0.03
54 T	cis-1,3-Dichloropropene	50.000	52.368	-4.7	122	-0.03
55 T	1,1,2-Trichloroethane	50.000	50.250	-0.5	113	-0.02
56 T	Ethyl methacrylate	50.000	48.043	3.9	114	-0.02
57 T	1,3-Dichloropropane	50.000	46.335	7.3	107	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	240.090	4.0	114	-0.02
59 T	2-Hexanone	250.000	231.731	7.3	109	-0.03
60 T	Dibromochloromethane	50.000	50.906	-1.8	114	-0.02
61 T	1,2-Dibromoethane	50.000	51.148	-2.3	118	-0.03
62 S	4-Bromofluorobenzene	50.000	49.338	1.3	116	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	-0.03
64 T	Tetrachloroethene	50.000	52.166	-4.3	114	-0.02
65 PM	Chlorobenzene	50.000	51.315	-2.6	114	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.094	-8.2	119	-0.02
67 C	Ethyl Benzene	50.000	53.015	-6.0#	120	-0.02
68 T	m/p-Xylenes	100.000	101.797	-1.8	115	-0.03
69 T	o-Xylene	50.000	52.763	-5.5	114	-0.03
70 T	Styrene	50.000	49.542	0.9	111	-0.02
71 P	Bromoform	50.000	50.315	-0.6	108	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	-0.02
73 T	Isopropylbenzene	50.000	51.615	-3.2	117	-0.02
74 T	N-amyl acetate	50.000	49.218	1.6	109	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	47.296	5.4	107	-0.02
76 T	1,2,3-Trichloropropane	50.000	45.595	8.8	103	-0.02
77 T	Bromobenzene	50.000	49.242	1.5	115	-0.02
78 T	n-propylbenzene	50.000	51.303	-2.6	118	-0.02
79 T	2-Chlorotoluene	50.000	50.795	-1.6	113	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	51.290	-2.6	115	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.252	3.5	105	-0.02
82 T	4-Chlorotoluene	50.000	49.031	1.9	113	-0.02
83 T	tert-Butylbenzene	50.000	50.942	-1.9	111	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.297	-4.6	121	-0.02
85 T	sec-Butylbenzene	50.000	51.542	-3.1	115	-0.02
86 T	p-Isopropyltoluene	50.000	51.607	-3.2	117	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.240	3.5	113	-0.02
88 T	1,4-Dichlorobenzene	50.000	51.471	-2.9	120	-0.01
89 T	n-Butylbenzene	50.000	51.028	-2.1	116	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.842	-11.7	121	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.564	2.9	112	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.588	8.8	97	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.625	0.8	114	-0.01
94 T	Hexachlorobutadiene	50.000	54.160	-8.3	122	-0.01
95 T	Naphthalene	50.000	51.382	-2.8	113	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	51.923	-3.8	114	-0.02

(#) = Out of Range

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