

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF021419\
 Data File : VF061632.D
 Acq On : 14 Feb 2019 10:57
 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 15 00:55:19 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	112	-0.03
2 T	Dichlorodifluoromethane	50.000	52.375	-4.8	130	0.00
3 P	Chloromethane	50.000	55.321	-10.6	128	0.00
4 C	Vinyl Chloride	50.000	55.613	-11.2#	130	0.00
5 T	Bromomethane	50.000	58.815	-17.6	129	0.00
6 T	Chloroethane	50.000	58.714	-17.4	135	-0.01
7 T	Trichlorofluoromethane	50.000	54.482	-9.0	127	0.00
8 T	Diethyl Ether	50.000	49.856	0.3	113	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.366	-4.7	124	-0.01
10 T	Methyl Iodide	50.000	53.674	-7.3	121	-0.01
11 T	Tert butyl alcohol	250.000	225.447	9.8	104	-0.01
12 CM	1,1-Dichloroethene	50.000	55.729	-11.5#	129	-0.01
13 T	Acrolein	250.000	268.815	-7.5	117	-0.01
14 T	Allyl chloride	50.000	62.560	-25.1#	139	-0.01
15 T	Acrylonitrile	250.000	230.258	7.9	107	-0.02
16 T	Acetone	250.000	284.121	-13.6	126	-0.01
17 T	Carbon Disulfide	50.000	54.901	-9.8	126	-0.03
18 T	Methyl Acetate	50.000	45.968	8.1	117	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.896	-3.8	119	-0.01
20 T	Methylene Chloride	50.000	56.026	-12.1	129	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.180	-6.4	123	-0.01
22 T	Diisopropyl ether	50.000	52.858	-5.7	122	-0.02
23 T	Vinyl Acetate	250.000	248.932	0.4	115	-0.02
24 P	1,1-Dichloroethane	50.000	52.538	-5.1	124	-0.01
25 T	2-Butanone	250.000	258.152	-3.3	120	-0.01
26 T	2,2-Dichloropropane	50.000	57.583	-15.2	133	-0.02
27 T	cis-1,2-Dichloroethene	50.000	52.653	-5.3	122	-0.02
28 T	Bromochloromethane	50.000	48.841	2.3	104	-0.01
29	Tetrahydrofuran	250.000	215.066	14.0	102	-0.03
30 C	Chloroform	50.000	51.750	-3.5#	117	-0.02
31 T	Cyclohexane	50.000	52.550	-5.1	122	-0.02
32 T	1,1,1-Trichloroethane	50.000	54.564	-9.1	116	-0.01
33 S	1,2-Dichloroethane-d4	50.000	51.210	-2.4	113	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	-0.02
35 S	Dibromofluoromethane	50.000	51.089	-2.2	118	-0.02
36 T	1,1-Dichloropropene	50.000	53.603	-7.2	126	-0.02
37 T	Ethyl Acetate	50.000	43.391	13.2	108	-0.03
38 T	Carbon Tetrachloride	50.000	53.855	-7.7	128	-0.02
39 T	Methylcyclohexane	50.000	55.146	-10.3	127	-0.02
40 TM	Benzene	50.000	54.487	-9.0	126	-0.02
41 T	Methacrylonitrile	50.000	46.758	6.5	109	-0.03
42 TM	1,2-Dichloroethane	50.000	50.738	-1.5	115	-0.02
43 T	Isopropyl Acetate	50.000	43.222	13.6	106	-0.02
44 TM	Trichloroethene	50.000	48.924	2.2	116	-0.01
45 C	1,2-Dichloropropane	50.000	50.028	-0.1#	113	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.266	-4.5	115	-0.02
47 T	Bromodichloromethane	50.000	52.779	-5.6	117	-0.02
48 T	Methyl methacrylate	50.000	47.385	5.2	109	-0.01
49 T	1,4-Dioxane	1000.000	996.323	0.4	110	-0.02
50 S	Toluene-d8	50.000	52.523	-5.0	115	-0.01
51 T	4-Methyl-2-Pentanone	250.000	220.058	12.0	102	-0.02
52 CM	Toluene	50.000	49.748	0.5#	121	-0.01
53 T	t-1,3-Dichloropropene	50.000	47.708	4.6	111	-0.02
54 T	cis-1,3-Dichloropropene	50.000	55.306	-10.6	128	-0.02
55 T	1,1,2-Trichloroethane	50.000	50.013	-0.0	112	-0.01
56 T	Ethyl methacrylate	50.000	46.777	6.4	110	-0.01
57 T	1,3-Dichloropropane	50.000	45.955	8.1	106	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	185.156	25.9#	88	-0.01
59 T	2-Hexanone	250.000	234.697	6.1	111	-0.02
60 T	Dibromochloromethane	50.000	49.676	0.6	111	-0.01
61 T	1,2-Dibromoethane	50.000	47.654	4.7	109	-0.02
62 S	4-Bromofluorobenzene	50.000	49.751	0.5	117	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	-0.02
64 T	Tetrachloroethene	50.000	52.396	-4.8	118	-0.01
65 PM	Chlorobenzene	50.000	51.016	-2.0	117	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.170	-6.3	121	-0.01
67 C	Ethyl Benzene	50.000	51.513	-3.0#	120	-0.01
68 T	m/p-Xylenes	100.000	104.981	-5.0	122	-0.02
69 T	o-Xylene	50.000	53.718	-7.4	120	-0.02
70 T	Styrene	50.000	48.935	2.1	114	-0.01
71 P	Bromoform	50.000	47.196	5.6	104	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	-0.01
73 T	Isopropylbenzene	50.000	57.270	-14.5	123	-0.01
74 T	N-amyl acetate	50.000	51.301	-2.6	108	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.303	3.4	103	-0.01
76 T	1,2,3-Trichloropropane	50.000	47.248	5.5	101	-0.01
77 T	Bromobenzene	50.000	55.255	-10.5	122	-0.01
78 T	n-propylbenzene	50.000	56.141	-12.3	122	-0.01
79 T	2-Chlorotoluene	50.000	55.208	-10.4	116	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	54.812	-9.6	117	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	51.025	-2.0	105	-0.01
82 T	4-Chlorotoluene	50.000	52.521	-5.0	114	-0.01
83 T	tert-Butylbenzene	50.000	53.876	-7.8	111	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	54.598	-9.2	120	-0.01
85 T	sec-Butylbenzene	50.000	56.303	-12.6	119	-0.01
86 T	p-Isopropyltoluene	50.000	54.859	-9.7	118	0.00
87 T	1,3-Dichlorobenzene	50.000	50.387	-0.8	112	-0.01
88 T	1,4-Dichlorobenzene	50.000	53.232	-6.5	117	-0.01
89 T	n-Butylbenzene	50.000	56.502	-13.0	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.852	-17.7	120	-0.01
91 T	1,2-Dichlorobenzene	50.000	51.399	-2.8	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.243	-2.5	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.429	-8.9	119	-0.01
94 T	Hexachlorobutadiene	50.000	56.542	-13.1	121	-0.01
95 T	Naphthalene	50.000	53.508	-7.0	111	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	53.703	-7.4	112	-0.01

(#) = Out of Range

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