

Data File : VF062452.D
Acq On : 11 May 2019 10:42
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
LabSampleId :
VSTDCCC050

Quant Time: May 12 04:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	112	0.00
2 T	Dichlorodifluoromethane	50.000	44.253	11.5	114	0.00
3 P	Chloromethane	50.000	43.059	13.9	113	0.00
4 C	Vinyl Chloride	50.000	44.532	10.9#	113	0.00
5 T	Bromomethane	50.000	50.850	-1.7	117	-0.02
6 T	Chloroethane	50.000	48.139	3.7	115	0.00
7 T	Trichlorofluoromethane	50.000	53.478	-7.0	124	0.00
8 T	Diethyl Ether	50.000	49.098	1.8	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.476	-3.0	122	0.00
10 T	Methyl Iodide	50.000	52.002	-4.0	124	0.00
11 T	Tert butyl alcohol	250.000	230.550	7.8	109	0.00
12 CM	1,1-Dichloroethene	50.000	47.074	5.9#	117	0.00
13 T	Acrolein	250.000	310.008	-24.0#	134	0.00
14 T	Allyl chloride	50.000	76.172	-52.3#	195	0.00
15 T	Acrylonitrile	250.000	258.419	-3.4	115	0.00
16 T	Acetone	250.000	332.528	-33.0#	147	0.00
17 T	Carbon Disulfide	50.000	45.125	9.8	111	-0.02
18 T	Methyl Acetate	50.000	48.639	2.7	109	0.00
19 T	Methyl tert-butyl Ether	50.000	50.813	-1.6	117	0.00
20 T	Methylene Chloride	50.000	49.175	1.7	123	-0.05
21 T	trans-1,2-Dichloroethene	50.000	48.121	3.8	116	0.00
22 T	Diisopropyl ether	50.000	51.635	-3.3	113	0.00
23 T	Vinyl Acetate	250.000	246.914	1.2	103	0.00
24 P	1,1-Dichloroethane	50.000	53.803	-7.6	119	0.00
25 T	2-Butanone	250.000	259.327	-3.7	114	0.00
26 T	2,2-Dichloropropane	50.000	64.685	-29.4#	147	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.448	-2.9	118	0.00
28 T	Bromochloromethane	50.000	51.525	-3.0	105	0.00
29 T	Tetrahydrofuran	250.000	218.258	12.7	102	0.00
30 C	Chloroform	50.000	53.571	-7.1#	116	0.00
31 T	Cyclohexane	50.000	47.042	5.9	108	0.00
32 T	1,1,1-Trichloroethane	50.000	54.327	-8.7	119	0.02
33 S	1,2-Dichloroethane-d4	50.000	52.588	-5.2	107	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	53.549	-7.1	107	0.00
36 T	1,1-Dichloropropene	50.000	53.117	-6.2	114	0.00
37 T	Ethyl Acetate	50.000	56.427	-12.9	110	0.00
38 T	Carbon Tetrachloride	50.000	64.206	-28.4#	132	0.01
39 T	Methylcyclohexane	50.000	52.451	-4.9	109	0.00
40 TM	Benzene	50.000	53.033	-6.1	117	0.02
41 T	Methacrylonitrile	50.000	50.379	-0.8	110	0.00
42 TM	1,2-Dichloroethane	50.000	56.383	-12.8	117	0.00
43 T	Isopropyl Acetate	50.000	50.745	-1.5	110	0.00
44 TM	Trichloroethene	50.000	54.258	-8.5	115	0.00
45 C	1,2-Dichloropropane	50.000	54.521	-9.0#	114	0.02

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.920	-11.8	118	0.00
47 T	Bromodichloromethane	50.000	56.581	-13.2	119	0.00
48 T	Methyl methacrylate	50.000	53.370	-6.7	110	0.00
49 T	1,4-Dioxane	1000.000	1025.439	-2.5	103	0.01
50 S	Toluene-d8	50.000	54.789	-9.6	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.986	-14.4	122	0.00
52 CM	Toluene	50.000	56.380	-12.8#	124	0.00
53 T	t-1,3-Dichloropropene	50.000	58.378	-16.8	121	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.515	-19.0	123	0.00
55 T	1,1,2-Trichloroethane	50.000	56.885	-13.8	119	0.00
56 T	Ethyl methacrylate	50.000	49.352	1.3	107	0.00
57 T	1,3-Dichloropropane	50.000	56.426	-12.9	121	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	213.721	14.5	95	0.00
59 T	2-Hexanone	250.000	288.618	-15.4	124	0.00
60 T	Dibromochloromethane	50.000	57.881	-15.8	119	0.00
61 T	1,2-Dibromoethane	50.000	54.528	-9.1	113	0.00
62 S	4-Bromofluorobenzene	50.000	53.707	-7.4	118	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.02
64 T	Tetrachloroethene	50.000	49.089	1.8	116	0.00
65 PM	Chlorobenzene	50.000	54.387	-8.8	127	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.525	-1.0	117	0.00
67 C	Ethyl Benzene	50.000	52.564	-5.1#	123	0.00
68 T	m/p-Xylenes	100.000	101.054	-1.1	123	0.00
69 T	o-Xylene	50.000	53.973	-7.9	126	0.00
70 T	Styrene	50.000	50.192	-0.4	119	0.00
71 P	Bromoform	50.000	50.530	-1.1	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73 T	Isopropylbenzene	50.000	52.750	-5.5	121	0.00
74 T	N-amyl acetate	50.000	48.985	2.0	121	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.922	-3.8	118	0.00
76 T	1,2,3-Trichloropropane	50.000	53.858	-7.7	127	0.00
77 T	Bromobenzene	50.000	52.845	-5.7	121	0.00
78 T	n-propylbenzene	50.000	52.033	-4.1	123	0.00
79 T	2-Chlorotoluene	50.000	52.701	-5.4	122	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.304	-6.6	125	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.632	4.7	117	0.00
82 T	4-Chlorotoluene	50.000	52.009	-4.0	121	0.00
83 T	tert-Butylbenzene	50.000	52.210	-4.4	120	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.042	-4.1	120	0.00
85 T	sec-Butylbenzene	50.000	53.460	-6.9	125	0.00
86 T	p-Isopropyltoluene	50.000	51.225	-2.5	120	0.00
87 T	1,3-Dichlorobenzene	50.000	50.454	-0.9	122	0.00
88 T	1,4-Dichlorobenzene	50.000	52.709	-5.4	121	0.00
89 T	n-Butylbenzene	50.000	52.068	-4.1	124	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF051119\
Evaluate Continuing Calibration Report

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.437	-0.9	115	0.00
91 T	1,2-Dichlorobenzene	50.000	51.758	-3.5	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.076	3.8	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.854	-5.7	123	0.00
94 T	Hexachlorobutadiene	50.000	51.979	-4.0	119	0.00
95 T	Naphthalene	50.000	52.802	-5.6	119	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.935	-5.9	121	0.00

(#) = Out of Range

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