

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	112	0.00
2 T	Dichlorodifluoromethane	0.579	0.512	11.6	114	0.00
3 P	Chloromethane	0.382	0.329	13.9	113	0.00
4 C	Vinyl Chloride	0.381	0.339	11.0#	113	0.00
5 T	Bromomethane	0.322	0.292	9.3	117	-0.02
6 T	Chloroethane	0.191	0.184	3.7	115	0.00
7 T	Trichlorofluoromethane	0.790	0.845	-7.0	124	0.00
8 T	Diethyl Ether	0.120	0.117	2.5	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.451	0.464	-2.9	122	0.00
10 T	Methyl Iodide	0.743	0.773	-4.0	124	0.00
11 T	Tert butyl alcohol	0.027	0.025	7.4	109	0.00
12 CM	1,1-Dichloroethene	0.383	0.361	5.7#	117	0.00
13 T	Acrolein	0.020	0.020	0.0	134	0.00
14 T	Allyl chloride	0.339	0.516	-52.2#	195#	0.00
15 T	Acrylonitrile	0.051	0.052	-2.0	115	0.00
16 T	Acetone	0.096	0.127	-32.3#	147	0.00
17 T	Carbon Disulfide	0.836	0.754	9.8	111	-0.02
18 T	Methyl Acetate	0.202	0.170	15.8	109	0.00
19 T	Methyl tert-butyl Ether	0.791	0.804	-1.6	117	0.00
20 T	Methylene Chloride	0.346	0.340	1.7	123	-0.05
21 T	trans-1,2-Dichloroethene	0.365	0.352	3.6	116	0.00
22 T	Diisopropyl ether	1.058	1.093	-3.3	113	0.00
23 T	Vinyl Acetate	0.472	0.466	1.3	103	0.00
24 P	1,1-Dichloroethane	0.640	0.688	-7.5	119	0.00
25 T	2-Butanone	0.120	0.125	-4.2	114	0.00
26 T	2,2-Dichloropropane	0.357	0.462	-29.4#	147	0.00
27 T	cis-1,2-Dichloroethene	0.457	0.470	-2.8	118	0.00
28 T	Bromochloromethane	0.290	0.299	-3.1	105	0.00
29 T	Tetrahydrofuran	0.055	0.048	12.7	102	0.00
30 C	Chloroform	0.864	0.926	-7.2#	116	0.00
31 T	Cyclohexane	0.511	0.480	6.1	108	0.00
32 T	1,1,1-Trichloroethane	0.741	0.805	-8.6	119	0.02
33 S	1,2-Dichloroethane-d4	0.473	0.497	-5.1	107	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.398	0.427	-7.3	107	0.00
36 T	1,1-Dichloropropene	0.430	0.456	-6.0	114	0.00
37 T	Ethyl Acetate	0.196	0.186	5.1	110	0.00
38 T	Carbon Tetrachloride	0.490	0.565	-15.3	132	0.01
39 T	Methylcyclohexane	0.431	0.452	-4.9	109	0.00
40 TM	Benzene	0.946	1.003	-6.0	117	0.02
41 T	Methacrylonitrile	0.103	0.104	-1.0	110	0.00
42 TM	1,2-Dichloroethane	0.396	0.446	-12.6	117	0.00
43 T	Isopropyl Acetate	0.195	0.198	-1.5	110	0.00
44 TM	Trichloroethene	0.347	0.377	-8.6	115	0.00
45 C	1,2-Dichloropropane	0.214	0.234	-9.3#	114	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.178	0.199	-11.8	118	0.00
47 T	Bromodichloromethane	0.444	0.503	-13.3	119	0.00
48 T	Methyl methacrylate	0.138	0.147	-6.5	110	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	103	0.01
50 S	Toluene-d8	0.964	1.057	-9.6	111	0.00
51 T	4-Methyl-2-Pentanone	0.148	0.169	-14.2	122	0.00
52 CM	Toluene	0.583	0.658	-12.9#	124	0.00
53 T	t-1,3-Dichloropropene	0.336	0.392	-16.7	121	0.00
54 T	cis-1,3-Dichloropropene	0.391	0.465	-18.9	123	0.00
55 T	1,1,2-Trichloroethane	0.185	0.211	-14.1	119	0.00
56 T	Ethyl methacrylate	0.196	0.193	1.5	107	0.00
57 T	1,3-Dichloropropane	0.280	0.316	-12.9	121	0.00
58 T	2-Chloroethyl Vinyl ether	0.059	0.050	15.3	95	0.00
59 T	2-Hexanone	0.102	0.118	-15.7	124	0.00
60 T	Dibromochloromethane	0.303	0.351	-15.8	119	0.00
61 T	1,2-Dibromoethane	0.218	0.237	-8.7	113	0.00
62 S	4-Bromofluorobenzene	0.435	0.467	-7.4	118	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.02
64 T	Tetrachloroethene	0.406	0.399	1.7	116	0.00
65 PM	Chlorobenzene	0.827	0.900	-8.8	127	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.422	-1.2	117	0.00
67 C	Ethyl Benzene	1.449	1.523	-5.1#	123	0.00
68 T	m/p-Xylenes	0.534	0.540	-1.1	123	0.00
69 T	o-Xylene	0.578	0.623	-7.8	126	0.00
70 T	Styrene	0.866	0.869	-0.3	119	0.00
71 P	Bromoform	0.229	0.231	-0.9	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	2.964	3.127	-5.5	121	0.00
74 T	N-amyl acetate	0.636	0.623	2.0	121	0.00
75 P	1,1,2,2-Tetrachloroethane	0.464	0.482	-3.9	118	0.00
76 T	1,2,3-Trichloropropane	0.354	0.381	-7.6	127	0.00
77 T	Bromobenzene	0.778	0.822	-5.7	121	0.00
78 T	n-propylbenzene	3.156	3.284	-4.1	123	0.00
79 T	2-Chlorotoluene	1.962	2.068	-5.4	122	0.00
80 T	1,3,5-Trimethylbenzene	2.598	2.770	-6.6	125	0.00
81 T	trans-1,4-Dichloro-2-butene	0.133	0.127	4.5	117	0.00
82 T	4-Chlorotoluene	1.938	2.016	-4.0	121	0.00
83 T	tert-Butylbenzene	2.730	2.851	-4.4	120	0.00
84 T	1,2,4-Trimethylbenzene	2.543	2.646	-4.1	120	0.00
85 T	sec-Butylbenzene	3.323	3.553	-6.9	125	0.00
86 T	p-Isopropyltoluene	3.088	3.163	-2.4	120	0.00
87 T	1,3-Dichlorobenzene	1.421	1.434	-0.9	122	0.00
88 T	1,4-Dichlorobenzene	1.371	1.446	-5.5	121	0.00
89 T	n-Butylbenzene	2.747	2.861	-4.1	124	0.00

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

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90 T	Hexachloroethane	0.771	0.778	-0.9	115	0.00
91 T	1,2-Dichlorobenzene	1.375	1.424	-3.6	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.100	3.8	113	0.00
93 T	1,2,4-Trichlorobenzene	1.233	1.304	-5.8	123	0.00
94 T	Hexachlorobutadiene	0.919	0.956	-4.0	119	0.00
95 T	Naphthalene	1.854	1.958	-5.6	119	0.00
96 T	1,2,3-Trichlorobenzene	1.195	1.265	-5.9	121	0.00

(#) = Out of Range

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