Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051319\
Data File : VF062539.D
Acq On : 13 May 2019 12:51
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 14 09:08:29 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	105	0.03
2	T	Dichlorodifluoromethane	0.579	0.517	10.7	107	0.01
3	P	Chloromethane	0.382	0.334	12.6	108	0.00
4	C	Vinyl Chloride	0.381	0.347	8.9#	108	0.01
5	T	Bromomethane	0.322	0.295	8.4	110	0.00
6	T	Chloroethane	0.191	0.193	-1.0	113	0.00
7	T	Trichlorofluoromethane	0.790	0.862	-9.1	118	0.00
8	T	Diethyl Ether	0.120	0.119	0.8	118	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.451	0.484	-7.3	119	0.00
10	T	Methyl Iodide	0.743	0.802	-7.9	120	0.00
11	T	Tert butyl alcohol	0.027	0.024	11.1	101	0.00
12	CM	1,1-Dichloroethene	0.383	0.367	4.2#	111	0.00
13	T	Acrolein	0.020	0.019	5.0	117	0.01
14	T	Allyl chloride	0.339	0.547	-61.4#	193#	0.02
15	T	Acrylonitrile	0.051	0.056	-9.8	114	0.01
16	T	Acetone	0.096	0.119	-24.0#	128	0.01
17	T	Carbon Disulfide	0.836	0.781	6.6	107	0.00
18	T	Methyl Acetate	0.202	0.184	8.9	110	0.00
19	T	Methyl tert-butyl Ether	0.791	0.849	-7.3	116	0.02
20	T	Methylene Chloride	0.346	0.357	-3.2	120	0.00
21	T	trans-1,2-Dichloroethene	0.365	0.368	-0.8	113	0.02
22	T	Diisopropyl ether	1.058	1.140	-7.8	110	0.01
23	T	Vinyl Acetate	0.472	0.507	-7.4	105	0.02
24	P	1,1-Dichloroethane	0.640	0.734	-14.7	118	0.02
25	T	2-Butanone	0.120	0.125	-4.2	108	0.02
26	T	2,2-Dichloropropane	0.357	0.524	-46.8#	156#	0.03
27	T	cis-1,2-Dichloroethene	0.457	0.502	-9.8	117	0.03
28	T	Bromochloromethane	0.290	0.354	-22.1#	117	0.03
29	T	Tetrahydrofuran	0.055	0.051	7.3	101	0.03
30	C	Chloroform	0.864	0.970	-12.3#	114	0.03
31	T	Cyclohexane	0.511	0.501	2.0	106	0.03
32	T	1,1,1-Trichloroethane	0.741	0.862	-16.3	119	0.03
33	S	1,2-Dichloroethane-d4	0.473	0.511	-8.0	103	0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.03
35	S	Dibromofluoromethane	0.398	0.430	-8.0	111	0.03
36	T	1,1-Dichloropropene	0.430	0.417	3.0	107	0.03
37	T	Ethyl Acetate	0.196	0.173	11.7	105	0.02
38	T	Carbon Tetrachloride	0.490	0.549	-12.0	132	0.03
39	T	Methylcyclohexane	0.431	0.385	10.7	96	0.03
40	TM	Benzene	0.946	0.907	4.1	109	0.03
41	T	Methacrylonitrile	0.103	0.086	16.5	93	0.02
42	TM	1,2-Dichloroethane	0.396	0.376	5.1	101	0.02
43	T	Isopropyl Acetate	0.195	0.178	8.7	101	0.02
44	TM	Trichloroethene	0.347	0.348	-0.3	109	0.03
45	C	1,2-Dichloropropane	0.214	0.221	-3.3#	111	0.03

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.178	0.180	-1.1	110	0.03
47	T	Bromodichloromethane	0.444	0.459	-3.4	112	0.03
48	T	Methyl methacrylate	0.138	0.129	6.5	99	0.02
49	T	1,4-Dioxane	0.001	0.001	0.0	88	0.03
50	S	Toluene-d8	0.964	1.042	-8.1	112	0.03
51	T	4-Methyl-2-Pentanone	0.148	0.145	2.0	107	0.02
52	CM	Toluene	0.583	0.590	-1.2#	114	0.03
53	T	t-1,3-Dichloropropene	0.336	0.348	-3.6	111	0.02
54	T	cis-1,3-Dichloropropene	0.391	0.404	-3.3	110	0.02
55	T	1,1,2-Trichloroethane	0.185	0.196	-5.9	113	0.03
56	T	Ethyl methacrylate	0.196	0.191	2.6	109	0.02
57	T	1,3-Dichloropropane	0.280	0.301	-7.5	118	0.02
58	T	2-Chloroethyl Vinyl ether	0.059	0.045	23.7#	87	0.02
59	T	2-Hexanone	0.102	0.107	-4.9	115	0.02
60	T	Dibromochloromethane	0.303	0.339	-11.9	118	0.03
61	T	1,2-Dibromoethane	0.218	0.216	0.9	106	0.03
62	S	4-Bromofluorobenzene	0.435	0.476	-9.4	124	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.03
64	T	Tetrachloroethene	0.406	0.385	5.2	110	0.02
65	PM	Chlorobenzene	0.827	0.883	-6.8	122	0.02
66	T	1,1,1,2-Tetrachloroethane	0.417	0.430	-3.1	117	0.02
67	C	Ethyl Benzene	1.449	1.518	-4.8#	120	0.02
68	T	m/p-Xylenes	0.534	0.556	-4.1	124	0.02
69	T	o-Xylene	0.578	0.617	-6.7	122	0.02
70	T	Styrene	0.866	0.892	-3.0	119	0.02
71	P	Bromoform	0.229	0.230	-0.4	111	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.01
73	T	Isopropylbenzene	2.964	3.019	-1.9	123	0.02
74	T	N-amyl acetate	0.636	0.541	14.9	110	0.01
75	P	1,1,2,2-Tetrachloroethane	0.464	0.469	-1.1	120	0.02
76	T	1,2,3-Trichloropropane	0.354	0.347	2.0	122	0.02
77	T	Bromobenzene	0.778	0.764	1.8	118	0.02
78	T	n-propylbenzene	3.156	3.142	0.4	124	0.02
79	T	2-Chlorotoluene	1.962	1.961	0.1	122	0.02
80	T	1,3,5-Trimethylbenzene	2.598	2.590	0.3	122	0.01
81	T	trans-1,4-Dichloro-2-butene	0.133	0.134	-0.8	130	0.01
82	T	4-Chlorotoluene	1.938	1.910	1.4	121	0.01
83	T	tert-Butylbenzene	2.730	2.690	1.5	119	0.01
84	T	1,2,4-Trimethylbenzene	2.543	2.521	0.9	120	0.01
85	T	sec-Butylbenzene	3.323	3.444	-3.6	127	0.01
86	T	p-Isopropyltoluene	3.088	3.007	2.6	120	0.02
87	T	1,3-Dichlorobenzene	1.421	1.428	-0.5	127	0.02
88	T	1,4-Dichlorobenzene	1.371	1.406	-2.6	123	0.02
89	T	n-Butylbenzene	2.747	2.760	-0.5	126	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.771	0.758	1.7	118	0.02
91 T	1,2-Dichlorobenzene	1.375	1.337	2.8	121	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.096	7.7	114	0.01
93 T	1,2,4-Trichlorobenzene	1.233	1.174	4.8	117	0.01
94 T	Hexachlorobutadiene	0.919	0.936	-1.8	123	0.01
95 T	Naphthalene	1.854	1.762	5.0	113	0.01
96 T	1,2,3-Trichlorobenzene	1.195	1.201	-0.5	120	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 6