Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF041919\
Data File : VF062218.D
Acq On : 19 Apr 2019 10:25
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 19 16:01:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 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	114	0.02
2	T	Dichlorodifluoromethane	0.760	0.641	15.7	101	0.00
3	P	Chloromethane	0.785	0.677	13.8	103	0.00
4	C	Vinyl Chloride	0.675	0.596	11.7#	104	0.00
5	T	Bromomethane	0.392	0.359	8.4	101	0.01
6	T	Chloroethane	0.282	0.256	9.2	100	0.00
7	T	Trichlorofluoromethane	0.857	0.772	9.9	104	0.00
8	T	Diethyl Ether	0.178	0.155	12.9	98	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.586	0.524	10.6	105	0.01
10	T	Methyl Iodide	1.040	0.944	9.2	104	0.01
11	T	Tert butyl alcohol	0.032	0.030	6.3	113	0.01
12	CM	1,1-Dichloroethene	0.557	0.491	11.8#	104	0.01
13	T	Acrolein	0.019	0.015	21.1#	138	0.01
14	T	Allyl chloride	0.639	0.477	25.4#	91	0.01
15	T	Acrylonitrile	0.097	0.093	4.1	114	0.02
16	T	Acetone	0.110	0.134	-21.8#	141	0.01
17	T	Carbon Disulfide	1.548	1.385	10.5	100	0.01
18	T	Methyl Acetate	0.302	0.213	29.5#	102	0.01
19	T	Methyl tert-butyl Ether	0.983	0.885	10.0	105	0.01
20	T	Methylene Chloride	0.699	0.480	31.3#	100	0.01
21	T	trans-1,2-Dichloroethene	0.551	0.476	13.6	99	0.01
22	T	Diisopropyl ether	1.635	1.408	13.9	102	0.01
23	T	Vinyl Acetate	0.779	0.735	5.6	104	0.02
24	P	1,1-Dichloroethane	0.894	0.813	9.1	111	0.01
25	T	2-Butanone	0.219	0.227	-3.7	121	0.02
26	T	2,2-Dichloropropane	0.452	0.396	12.4	109	0.02
27	T	cis-1,2-Dichloroethene	0.713	0.657	7.9	104	0.01
28	T	Bromochloromethane	0.428	0.366	14.5	111	0.02
29	T	Tetrahydrofuran	0.099	0.087	12.1	102	0.01
30	C	Chloroform	1.099	1.012	7.9#	107	0.01
31	T	Cyclohexane	1.072	0.923	13.9	101	0.02
32	T	1,1,1-Trichloroethane	0.805	0.725	9.9	133	0.03
33	S	1,2-Dichloroethane-d4	0.458	0.452	1.3	109	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.02
35	S	Dibromofluoromethane	0.437	0.400	8.5	111	0.02
36	T	1,1-Dichloropropene	0.599	0.537	10.4	105	0.02
37	T	Ethyl Acetate	0.283	0.236	16.6	101	0.03
38	T	Carbon Tetrachloride	0.531	0.428	19.4	103	0.02
39	T	Methylcyclohexane	0.718	0.734	-2.2	120	0.02
40	TM	Benzene	1.572	1.380	12.2	105	0.02
41	T	Methacrylonitrile	0.163	0.140	14.1	99	0.02
42	TM	1,2-Dichloroethane	0.416	0.405	2.6	115	0.02
43	T	Isopropyl Acetate	0.298	0.251	15.8	102	0.01
44	TM	Trichloroethene	0.425	0.432	-1.6	119	0.02
45	C	1,2-Dichloropropane	0.346	0.320	7.5#	110	0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.230	0.216	6.1	107	0.02
47	T	Bromodichloromethane	0.520	0.480	7.7	110	0.02
48	T	Methyl methacrylate	0.196	0.171	12.8	105	0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	110	0.01
50	S	Toluene-d8	1.107	1.101	0.5	115	0.02
51	T	4-Methyl-2-Pentanone	0.221	0.204	7.7	111	0.02
52	CM	Toluene	0.829	0.837	-1.0#	116	0.02
53	T	t-1,3-Dichloropropene	0.391	0.382	2.3	115	0.02
54	T	cis-1,3-Dichloropropene	0.528	0.503	4.7	113	0.02
55	T	1,1,2-Trichloroethane	0.232	0.244	-5.2	124	0.02
56	T	Ethyl methacrylate	0.264	0.258	2.3	119	0.02
57	T	1,3-Dichloropropane	0.375	0.384	-2.4	121	0.02
58	T	2-Chloroethyl Vinyl ether	0.077	0.074	3.9	110	0.02
59	T	2-Hexanone	0.146	0.146	0.0	125	0.02
60	T	Dibromochloromethane	0.345	0.380	-10.1	129	0.02
61	T	1,2-Dibromoethane	0.262	0.283	-8.0	127	0.02
62	S	4-Bromofluorobenzene	0.426	0.407	4.5	116	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.02
64	T	Tetrachloroethene	0.451	0.439	2.7	120	0.02
65	PM	Chlorobenzene	1.066	1.068	-0.2	117	0.02
66	T	1,1,1,2-Tetrachloroethane	0.499	0.458	8.2	112	0.02
67	C	Ethyl Benzene	1.939	1.790	7.7#	115	0.02
68	T	m/p-Xylenes	0.714	0.671	6.0	118	0.02
69	T	o-Xylene	0.792	0.725	8.5	111	0.02
70	T	Styrene	1.118	0.983	12.1	112	0.01
71	P	Bromoform	0.264	0.246	6.8	116	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.01
73	T	Isopropylbenzene	4.295	4.148	3.4	111	0.01
74	T	N-amyl acetate	1.135	0.900	20.7#	104	0.02
75	P	1,1,2,2-Tetrachloroethane	0.739	0.710	3.9	111	0.01
76	T	1,2,3-Trichloropropane	0.508	0.478	5.9	110	0.02
77	T	Bromobenzene	0.920	0.950	-3.3	121	0.01
78	T	n-propylbenzene	4.531	4.208	7.1	111	0.02
79	T	2-Chlorotoluene	2.748	2.611	5.0	112	0.01
80	T	1,3,5-Trimethylbenzene	3.577	3.395	5.1	111	0.01
81	T	trans-1,4-Dichloro-2-butene	0.259	0.240	7.3	107	0.02
82	T	4-Chlorotoluene	2.656	2.470	7.0	112	0.01
83	T	tert-Butylbenzene	3.699	3.539	4.3	112	0.01
84	T	1,2,4-Trimethylbenzene	3.462	3.279	5.3	114	0.01
85	T	sec-Butylbenzene	4.803	4.425	7.9	107	0.01
86	T	p-Isopropyltoluene	4.074	3.916	3.9	113	0.01
87	T	1,3-Dichlorobenzene	1.707	1.660	2.8	119	0.01
88	T	1,4-Dichlorobenzene	1.647	1.617	1.8	117	0.01
89	T	n-Butylbenzene	3.906	3.462	11.4	114	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	1.046	1.032	1.3	113	0.02
91	T	1,2-Dichlorobenzene	1.649	1.602	2.9	117	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.145	0.138	4.8	108	0.01
93	T	1,2,4-Trichlorobenzene	1.379	1.365	1.0	119	0.01
94	T	Hexachlorobutadiene	0.946	0.952	-0.6	117	0.01
95	T	Naphthalene	2.412	2.342	2.9	115	0.01
96	T	1,2,3-Trichlorobenzene	1.324	1.340	-1.2	116	0.02

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