Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF041819\
Data File : VF062216.D
Acq On : 18 Apr 2019 21:01
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Apr 19 03:31:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 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	0.02
2	T	Dichlorodifluoromethane	0.760	0.718	5.5	104	0.00
3	P	Chloromethane	0.785	0.708	9.8	99	0.00
4	C	Vinyl Chloride	0.675	0.631	6.5#	101	0.00
5	T	Bromomethane	0.392	0.420	-7.1	108	0.00
6	T	Chloroethane	0.282	0.277	1.8	100	0.00
7	T	Trichlorofluoromethane	0.857	0.857	0.0	106	0.00
8	T	Diethyl Ether	0.178	0.159	10.7	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.586	0.568	3.1	104	0.00
10	T	Methyl Iodide	1.040	1.030	1.0	104	0.00
11	T	Tert butyl alcohol	0.032	0.031	3.1	106	0.02
12	CM	1,1-Dichloroethene	0.557	0.510	8.4#	100	0.00
13	T	Acrolein	0.019	0.014	26.3#	112	0.01
14	T	Allyl chloride	0.639	0.553	13.5	97	0.01
15	T	Acrylonitrile	0.097	0.089	8.2	99	0.02
16	T	Acetone	0.110	0.103	6.4	100	0.01
17	T	Carbon Disulfide	1.548	1.490	3.7	99	0.01
18	T	Methyl Acetate	0.302	0.221	26.8#	97	0.01
19	T	Methyl tert-butyl Ether	0.983	0.993	-1.0	109	0.01
20	T	Methylene Chloride	0.699	0.525	24.9#	101	0.00
21	T	trans-1,2-Dichloroethene	0.551	0.530	3.8	102	0.01
22	T	Diisopropyl ether	1.635	1.564	4.3	104	0.02
23	T	Vinyl Acetate	0.779	0.769	1.3	100	0.02
24	P	1,1-Dichloroethane	0.894	0.872	2.5	110	0.01
25	T	2-Butanone	0.219	0.209	4.6	102	0.02
26	T	2,2-Dichloropropane	0.452	0.402	11.1	102	0.02
27	T	cis-1,2-Dichloroethene	0.713	0.693	2.8	101	0.01
28	T	Bromochloromethane	0.428	0.377	11.9	105	0.02
29	T	Tetrahydrofuran	0.099	0.091	8.1	98	0.02
30	C	Chloroform	1.099	1.101	-0.2#	107	0.01
31	T	Cyclohexane	1.072	0.974	9.1	98	0.02
32	T	1,1,1-Trichloroethane	0.805	0.839	-4.2	141	0.02
33	S	1,2-Dichloroethane-d4	0.458	0.459	-0.2	102	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
35	S	Dibromofluoromethane	0.437	0.415	5.0	99	0.01
36	T	1,1-Dichloropropene	0.599	0.624	-4.2	105	0.02
37	T	Ethyl Acetate	0.283	0.278	1.8	102	0.02
38	T	Carbon Tetrachloride	0.531	0.549	-3.4	114	0.02
39	T	Methylcyclohexane	0.718	0.715	0.4	101	0.01
40	TM	Benzene	1.572	1.559	0.8	102	0.02
41	T	Methacrylonitrile	0.163	0.150	8.0	92	0.02
42	TM	1,2-Dichloroethane	0.416	0.436	-4.8	107	0.02
43	T	Isopropyl Acetate	0.298	0.330	-10.7	116	0.01
44	TM	Trichloroethene	0.425	0.443	-4.2	106	0.02
45	C	1,2-Dichloropropane	0.346	0.371	-7.2#	111	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.230	0.244	-6.1	104	0.01
47	T	Bromodichloromethane	0.520	0.546	-5.0	108	0.02
48	T	Methyl methacrylate	0.196	0.206	-5.1	109	0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	106	0.02
50	S	Toluene-d8	1.107	1.158	-4.6	105	0.01
51	T	4-Methyl-2-Pentanone	0.221	0.227	-2.7	107	0.02
52	CM	Toluene	0.829	0.893	-7.7#	107	0.01
53	T	t-1,3-Dichloropropene	0.391	0.429	-9.7	111	0.02
54	T	cis-1,3-Dichloropropene	0.528	0.564	-6.8	109	0.02
55	T	1,1,2-Trichloroethane	0.232	0.256	-10.3	112	0.01
56	T	Ethyl methacrylate	0.264	0.311	-17.8	124	0.01
57	T	1,3-Dichloropropane	0.375	0.414	-10.4	112	0.02
58	T	2-Chloroethyl Vinyl ether	0.077	0.089	-15.6	114	0.02
59	T	2-Hexanone	0.146	0.152	-4.1	112	0.01
60	T	Dibromochloromethane	0.345	0.390	-13.0	114	0.02
61	T	1,2-Dibromoethane	0.262	0.298	-13.7	116	0.02
62	S	4-Bromofluorobenzene	0.426	0.451	-5.9	111	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.01
64	T	Tetrachloroethene	0.451	0.521	-15.5	122	0.02
65	PM	Chlorobenzene	1.066	1.151	-8.0	108	0.02
66	T	1,1,1,2-Tetrachloroethane	0.499	0.497	0.4	105	0.02
67	C	Ethyl Benzene	1.939	2.016	-4.0#	111	0.02
68	T	m/p-Xylenes	0.714	0.730	-2.2	110	0.02
69	T	o-Xylene	0.792	0.800	-1.0	105	0.02
70	T	Styrene	1.118	1.206	-7.9	118	0.01
71	P	Bromoform	0.264	0.288	-9.1	116	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.01
73	T	Isopropylbenzene	4.295	4.272	0.5	108	0.01
74	T	N-amyl acetate	1.135	1.133	0.2	123	0.01
75	P	1,1,2,2-Tetrachloroethane	0.739	0.744	-0.7	109	0.01
76	T	1,2,3-Trichloropropane	0.508	0.510	-0.4	110	0.01
77	T	Bromobenzene	0.920	1.022	-11.1	122	0.01
78	T	n-propylbenzene	4.531	4.555	-0.5	113	0.01
79	T	2-Chlorotoluene	2.748	2.776	-1.0	112	0.01
80	T	1,3,5-Trimethylbenzene	3.577	3.565	0.3	110	0.01
81	T	trans-1,4-Dichloro-2-butene	0.259	0.263	-1.5	111	0.01
82	T	4-Chlorotoluene	2.656	2.712	-2.1	116	0.01
83	T	tert-Butylbenzene	3.699	3.612	2.4	107	0.01
84	T	1,2,4-Trimethylbenzene	3.462	3.324	4.0	109	0.01
85	T	sec-Butylbenzene	4.803	4.661	3.0	106	0.01
86	T	p-Isopropyltoluene	4.074	4.055	0.5	110	0.01
87	T	1,3-Dichlorobenzene	1.707	1.752	-2.6	118	0.01
88	T	1,4-Dichlorobenzene	1.647	1.737	-5.5	118	0.01
89	T	n-Butylbenzene	3.906	3.590	8.1	111	0.01

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90 T	Hexachloroethane	1.046	1.048	-0.2	108	0.01
91 T	1,2-Dichlorobenzene	1.649	1.692	-2.6	116	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.145	0.141	2.8	104	0.01
93 T	1,2,4-Trichlorobenzene	1.379	1.388	-0.7	114	0.01
94 T	Hexachlorobutadiene	0.946	0.994	-5.1	115	0.01
95 T	Naphthalene	2.412	2.530	-4.9	116	0.00
96 T	1,2,3-Trichlorobenzene	1.324	1.380	-4.2	112	0.01

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