Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF042619\
Data File : VF062303.D
Acq On : 26 Apr 2019 12:57
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: Apr 27 00:50:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 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	87	0.01
2	T	Dichlorodifluoromethane	0.594	0.596	-0.3	98	0.00
3	P	Chloromethane	0.501	0.454	9.4	90	0.00
4	C	Vinyl Chloride	0.474	0.443	6.5#	92	0.00
5	T	Bromomethane	0.322	0.330	-2.5	95	0.00
6	T	Chloroethane	0.208	0.230	-10.6	100	0.00
7	T	Trichlorofluoromethane	0.753	0.815	-8.2	102	0.01
8	T	Diethyl Ether	0.136	0.136	0.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.473	0.491	-3.8	101	0.01
10	T	Methyl Iodide	0.826	0.830	-0.5	97	0.01
11	T	Tert butyl alcohol	0.024	0.027	-12.5	105	0.01
12	CM	1,1-Dichloroethene	0.422	0.436	-3.3#	96	0.01
13	T	Acrolein	0.020	0.027	-35.0#	99	0.00
14	T	Allyl chloride	0.459	0.441	3.9	96	0.01
15	T	Acrylonitrile	0.068	0.069	-1.5	91	0.01
16	T	Acetone	0.091	0.112	-23.1#	117	0.01
17	T	Carbon Disulfide	1.110	1.073	3.3	94	0.00
18	T	Methyl Acetate	0.193	0.184	4.7	106	0.01
19	T	Methyl tert-butyl Ether	0.804	0.860	-7.0	96	0.01
20	T	Methylene Chloride	0.497	0.387	22.1#	94	0.01
21	T	trans-1,2-Dichloroethene	0.417	0.411	1.4	97	0.01
22	T	Diisopropyl ether	1.236	1.238	-0.2	99	0.00
23	T	Vinyl Acetate	0.548	0.552	-0.7	95	0.01
24	P	1,1-Dichloroethane	0.705	0.726	-3.0	100	0.01
25	T	2-Butanone	0.144	0.143	0.7	97	0.01
26	T	2,2-Dichloropropane	0.366	0.392	-7.1	101	0.02
27	T	cis-1,2-Dichloroethene	0.528	0.506	4.2	92	0.00
28	T	Bromochloromethane	0.297	0.266	10.4	80	0.01
29	T	Tetrahydrofuran	0.063	0.060	4.8	91	0.01
30	C	Chloroform	0.886	0.908	-2.5#	97	0.02
31	T	Cyclohexane	0.671	0.635	5.4	89	0.01
32	T	1,1,1-Trichloroethane	0.695	0.612	11.9	82	0.01
33	S	1,2-Dichloroethane-d4	0.405	0.428	-5.7	93	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.01
35	S	Dibromofluoromethane	0.371	0.373	-0.5	85	0.01
36	T	1,1-Dichloropropene	0.461	0.479	-3.9	95	0.01
37	T	Ethyl Acetate	0.194	0.192	1.0	96	0.02
38	T	Carbon Tetrachloride	0.469	0.463	1.3	99	0.02
39	T	Methylcyclohexane	0.538	0.557	-3.5	94	0.00
40	TM	Benzene	1.114	1.123	-0.8	96	0.01
41	T	Methacrylonitrile	0.108	0.117	-8.3	98	0.01
42	TM	1,2-Dichloroethane	0.353	0.412	-16.7	108	0.01
43	T	Isopropyl Acetate	0.210	0.196	6.7	97	0.01
44	TM	Trichloroethene	0.377	0.385	-2.1	97	0.02
45	C	1,2-Dichloropropane	0.251	0.261	-4.0#	101	0.01

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.181	0.213	-17.7	109	0.01
47	T	Bromodichloromethane	0.427	0.490	-14.8	109	0.01
48	T	Methyl methacrylate	0.142	0.144	-1.4	102	0.01
49	T	1,4-Dioxane	0.002	0.002	0.0	101	0.01
50	S	Toluene-d8	0.906	0.835	7.8	80	0.01
51	T	4-Methyl-2-Pentanone	0.153	0.145	5.2	94	0.01
52	CM	Toluene	0.643	0.598	7.0#	90	0.01
53	T	t-1,3-Dichloropropene	0.314	0.326	-3.8	100	0.01
54	T	cis-1,3-Dichloropropene	0.402	0.404	-0.5	95	0.01
55	T	1,1,2-Trichloroethane	0.183	0.186	-1.6	98	0.01
56	T	Ethyl methacrylate	0.201	0.181	10.0	89	0.01
57	T	1,3-Dichloropropane	0.287	0.302	-5.2	103	0.01
58	T	2-Chloroethyl Vinyl ether	0.061	0.055	9.8	80	0.01
59	T	2-Hexanone	0.106	0.099	6.6	101	0.01
60	T	Dibromochloromethane	0.296	0.310	-4.7	98	0.01
61	T	1,2-Dibromoethane	0.211	0.221	-4.7	98	0.01
62	S	4-Bromofluorobenzene	0.373	0.338	9.4	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.01
64	T	Tetrachloroethene	0.418	0.415	0.7	97	0.01
65	PM	Chlorobenzene	0.914	0.948	-3.7	103	0.01
66	T	1,1,1,2-Tetrachloroethane	0.430	0.472	-9.8	105	0.01
67	C	Ethyl Benzene	1.588	1.667	-5.0#	105	0.01
68	T	m/p-Xylenes	0.591	0.617	-4.4	104	0.01
69	T	o-Xylene	0.661	0.639	3.3	94	0.01
70	T	Styrene	0.955	0.892	6.6	94	0.01
71	P	Bromoform	0.242	0.241	0.4	94	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.426	3.617	-5.6	95	0.01
74	T	N-amyl acetate	0.789	0.667	15.5	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.544	0.558	-2.6	91	0.01
76	T	1,2,3-Trichloropropane	0.386	0.398	-3.1	96	0.01
77	T	Bromobenzene	0.856	0.896	-4.7	96	0.01
78	T	n-propylbenzene	3.605	3.583	0.6	94	0.00
79	T	2-Chlorotoluene	2.171	2.262	-4.2	97	0.01
80	T	1,3,5-Trimethylbenzene	2.892	3.105	-7.4	98	0.01
81	T	trans-1,4-Dichloro-2-butene	0.173	0.164	5.2	101	0.00
82	T	4-Chlorotoluene	2.148	2.175	-1.3	94	0.00
83	T	tert-Butylbenzene	2.968	3.206	-8.0	101	0.00
84	T	1,2,4-Trimethylbenzene	2.801	2.885	-3.0	100	0.00
85	T	sec-Butylbenzene	3.697	3.971	-7.4	99	0.01
86	T	p-Isopropyltoluene	3.314	3.495	-5.5	101	0.01
87	T	1,3-Dichlorobenzene	1.515	1.510	0.3	99	0.01
88	T	1,4-Dichlorobenzene	1.437	1.523	-6.0	101	0.01
89	T	n-Butylbenzene	3.011	3.084	-2.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.831	0.937	-12.8	102	0.01
91 T	1,2-Dichlorobenzene	1.454	1.481	-1.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.115	-4.5	95	0.00
93 T	1,2,4-Trichlorobenzene	1.278	1.337	-4.6	99	0.00
94 T	Hexachlorobutadiene	0.919	1.017	-10.7	101	0.00
95 T	Naphthalene	1.979	2.056	-3.9	95	0.00
96 T	1,2,3-Trichlorobenzene	1.208	1.328	-9.9	102	0.01

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