Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060319\
Data File : VF062834.D
Acq On : 3 Jun 2019 17:51
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jun 04 09:16:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	99	-0.02
2	T	Dichlorodifluoromethane	0.649	0.547	15.7	92	0.00
3	P	Chloromethane	0.517	0.504	2.5	100	0.00
4	C	Vinyl Chloride	0.514	0.489	4.9#	96	0.00
5	T	Bromomethane	0.293	0.281	4.1	86	0.00
6	T	Chloroethane	0.192	0.190	1.0	88	-0.02
7	T	Trichlorofluoromethane	0.728	0.755	-3.7	98	0.00
8	T	Diethyl Ether	0.143	0.134	6.3	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.458	0.457	0.2	99	-0.03
10	T	Methyl Iodide	0.917	0.952	-3.8	103	-0.03
11	T	Tert butyl alcohol	0.021	0.022	-4.8	111	-0.02
12	CM	1,1-Dichloroethene	0.416	0.421	-1.2#	100	-0.02
13	T	Acrolein	0.009	0.009	0.0	111	-0.02
14	T	Allyl chloride	0.322	0.447	-38.8#	118	-0.02
15	T	Acrylonitrile	0.079	0.070	11.4	84	-0.03
16	T	Acetone	0.079	0.082	-3.8	95	0.00
17	T	Carbon Disulfide	1.214	1.217	-0.2	98	-0.02
18	T	Methyl Acetate	0.138	0.117	15.2	84	-0.02
19	T	Methyl tert-butyl Ether	0.753	0.797	-5.8	106	0.00
20	T	Methylene Chloride	0.442	0.422	4.5	98	-0.07
21	T	trans-1,2-Dichloroethene	0.417	0.431	-3.4	95	-0.02
22	T	Diisopropyl ether	0.916	0.903	1.4	97	-0.02
23	T	Vinyl Acetate	0.627	0.638	-1.8	97	-0.03
24	P	1,1-Dichloroethane	0.684	0.676	1.2	94	-0.02
25	T	2-Butanone	0.184	0.189	-2.7	103	-0.03
26	T	2,2-Dichloropropane	0.388	0.473	-21.9	118	-0.02
27	T	cis-1,2-Dichloroethene	0.700	0.761	-8.7	101	-0.02
28	T	Bromochloromethane	0.372	0.381	-2.4	97	-0.02
29		Tetrahydrofuran	0.070	0.078	-11.4	108	-0.03
30	C	Chloroform	0.964	1.035	-7.4#	102	-0.02
31	T	Cyclohexane	0.926	0.910	1.7	93	-0.02
32	T	1,1,1-Trichloroethane	0.561	0.677	-20.7	128	-0.02
33	S	1,2-Dichloroethane-d4	0.346	0.370	-6.9	98	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.03
35	S	Dibromofluoromethane	0.378	0.420	-11.1	96	-0.02
36	T	1,1-Dichloropropene	0.460	0.517	-12.4	100	-0.02
37	T	Ethyl Acetate	0.176	0.205	-16.5	103	-0.03
38	T	Carbon Tetrachloride	0.311	0.383	-23.2	112	-0.02
39	T	Methylcyclohexane	0.573	0.658	-14.8	101	-0.02
40	TM	Benzene	1.340	1.503	-12.2	95	-0.02
41	T	Methacrylonitrile	0.098	0.121	-23.5	114	-0.02
42	TM	1,2-Dichloroethane	0.255	0.301	-18.0	104	-0.02
43	T	Isopropyl Acetate	0.232	0.285	-22.8	113	-0.02
44	TM	Trichloroethene	0.378	0.426	-12.7	101	-0.02
45	C	1,2-Dichloropropane	0.336	0.378	-12.5#	98	-0.03

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.196	0.217	-10.7	100	-0.02
47	T	Bromodichloromethane	0.400	0.469	-17.2	105	-0.03
48	T	Methyl methacrylate	0.120	0.146	-21.7	102	-0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	104	0.00
50	S	Toluene-d8	0.955	1.057	-10.7	96	-0.02
51	T	4-Methyl-2-Pentanone	0.166	0.195	-17.5	109	-0.02
52	CM	Toluene	0.722	0.822	-13.9#	101	-0.02
53	T	t-1,3-Dichloropropene	0.331	0.384	-16.0	101	-0.02
54	T	cis-1,3-Dichloropropene	0.479	0.534	-11.5	97	-0.02
55	T	1,1,2-Trichloroethane	0.216	0.260	-20.4	108	-0.02
56	T	Ethyl methacrylate	0.231	0.296	-28.1#	113	-0.03
57	T	1,3-Dichloropropane	0.352	0.422	-19.9	104	-0.02
58	T	2-Chloroethyl Vinyl ether	0.081	0.085	-4.9	95	-0.02
59	T	2-Hexanone	0.118	0.142	-20.3	112	-0.02
60	T	Dibromochloromethane	0.267	0.332	-24.3	105	-0.02
61	T	1,2-Dibromoethane	0.224	0.269	-20.1	105	-0.03
62	S	4-Bromofluorobenzene	0.344	0.400	-16.3	101	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.02
64	T	Tetrachloroethene	0.384	0.381	0.8	91	-0.02
65	PM	Chlorobenzene	0.966	1.023	-5.9	101	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.385	0.401	-4.2	101	-0.02
67	C	Ethyl Benzene	1.657	1.720	-3.8#	101	-0.02
68	T	m/p-Xylenes	0.634	0.664	-4.7	100	-0.02
69	T	o-Xylene	0.642	0.693	-7.9	100	0.00
70	T	Styrene	0.946	1.059	-11.9	105	-0.02
71	P	Bromoform	0.184	0.224	-21.7	112	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	-0.02
73	T	Isopropylbenzene	3.489	3.406	2.4	100	-0.02
74	T	N-amyl acetate	0.983	0.960	2.3	108	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.745	0.770	-3.4	108	-0.02
76	T	1,2,3-Trichloropropane	0.494	0.500	-1.2	109	-0.02
77	T	Bromobenzene	0.877	0.871	0.7	105	-0.02
78	T	n-propylbenzene	4.212	3.980	5.5	97	-0.02
79	T	2-Chlorotoluene	2.410	2.349	2.5	101	0.00
80	T	1,3,5-Trimethylbenzene	2.853	2.650	7.1	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.209	0.234	-12.0	112	-0.02
82	T	4-Chlorotoluene	2.369	2.291	3.3	101	0.00
83	T	tert-Butylbenzene	2.827	2.913	-3.0	108	-0.02
84	T	1,2,4-Trimethylbenzene	2.705	2.706	-0.0	104	0.00
85	T	sec-Butylbenzene	3.725	3.695	0.8	99	0.00
86	T	p-Isopropyltoluene	3.101	3.133	-1.0	106	-0.02
87	T	1,3-Dichlorobenzene	1.546	1.576	-1.9	111	0.00
88	T	1,4-Dichlorobenzene	1.443	1.507	-4.4	111	0.00
89	T	n-Butylbenzene	3.119	3.076	1.4	106	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.824	-9.0	108	-0.02
91 T	1,2-Dichlorobenzene	1.359	1.409	-3.7	108	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.096	-18.5	123	-0.02
93 T	1,2,4-Trichlorobenzene	0.933	0.928	0.5	103	-0.02
94 T	Hexachlorobutadiene	0.645	0.639	0.9	99	-0.02
95 T	Naphthalene	1.529	1.632	-6.7	109	-0.02
96 T	1,2,3-Trichlorobenzene	0.852	0.876	-2.8	107	0.00

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