Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060319\
Data File : VD062595.D
Acq On : 3 Jun 2019 19:34
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 04 07:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 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	96	-0.01
2	T	Dichlorodifluoromethane	0.580	0.549	5.3	95	0.00
3	P	Chloromethane	0.668	0.466	30.2#	78	0.00
4	C	Vinyl Chloride	0.443	0.459	-3.6#	94	0.00
5	T	Bromomethane	0.144	0.235	-63.2#	116	0.00
6	T	Chloroethane	0.208	0.237	-13.9	94	0.00
7	T	Trichlorofluoromethane	0.936	0.986	-5.3	94	0.00
8	T	Diethyl Ether	0.120	0.153	-27.5#	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.553	0.604	-9.2	99	-0.01
10	T	Methyl Iodide	0.627	0.677	-8.0	80	0.00
11	T	Tert butyl alcohol	0.025	0.032	-28.0#	117	0.00
12	CM	1,1-Dichloroethene	0.391	0.439	-12.3#	100	0.00
13	T	Acrolein	0.011	0.013	-18.2	111	0.00
14	T	Allyl chloride	0.611	0.690	-12.9	96	0.00
15	T	Acrylonitrile	0.060	0.070	-16.7	104	-0.01
16	T	Acetone	0.115	0.110	4.3	84	0.00
17	T	Carbon Disulfide	1.271	1.250	1.7	87	0.00
18	T	Methyl Acetate	0.188	0.206	-9.6	115	0.00
19	T	Methyl tert-butyl Ether	0.947	1.092	-15.3	100	0.00
20	T	Methylene Chloride	0.426	0.463	-8.7	100	-0.01
21	T	trans-1,2-Dichloroethene	0.444	0.480	-8.1	98	-0.01
22	T	Diisopropyl ether	1.248	1.425	-14.2	99	-0.01
23	T	Vinyl Acetate	0.757	0.925	-22.2#	103	0.00
24	P	1,1-Dichloroethane	0.805	0.896	-11.3	96	-0.01
25	T	2-Butanone	0.108	0.124	-14.8	96	-0.01
26	T	2,2-Dichloropropane	0.893	0.997	-11.6	99	-0.02
27	T	cis-1,2-Dichloroethene	0.456	0.539	-18.2	102	-0.01
28	T	Bromochloromethane	0.278	0.318	-14.4	107	-0.01
29		Tetrahydrofuran	0.049	0.061	-24.5#	102	-0.01
30	C	Chloroform	0.970	1.102	-13.6#	97	-0.01
31	T	Cyclohexane	0.544	0.584	-7.4	93	-0.01
32	T	1,1,1-Trichloroethane	1.010	1.091	-8.0	94	-0.02
33	S	1,2-Dichloroethane-d4	0.586	0.634	-8.2	94	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	-0.01
35	S	Dibromofluoromethane	0.456	0.489	-7.2	89	-0.01
36	T	1,1-Dichloropropene	0.498	0.572	-14.9	100	-0.01
37	T	Ethyl Acetate	0.210	0.228	-8.6	98	-0.01
38	T	Carbon Tetrachloride	0.741	0.874	-17.9	99	-0.01
39	T	Methylcyclohexane	0.421	0.474	-12.6	101	-0.01
40	TM	Benzene	0.977	1.081	-10.6	96	-0.01
41	T	Methacrylonitrile	0.247	0.306	-23.9#	107	-0.02
42	TM	1,2-Dichloroethane	0.544	0.646	-18.7	98	-0.02
43	T	Isopropyl Acetate	0.261	0.319	-22.2#	99	-0.01
44	TM	Trichloroethene	0.390	0.436	-11.8	98	-0.01
45	C	1,2-Dichloropropane	0.240	0.282	-17.5#	97	-0.02

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Quant Title : SW846 8260
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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.201	0.237	-17.9	98	-0.01
47	T	Bromodichloromethane	0.554	0.642	-15.9	98	-0.01
48	T	Methyl methacrylate	0.174	0.226	-29.9#	107	-0.01
49	T	1,4-Dioxane	0.001	0.002	-100.0#	118	-0.01
50	S	Toluene-d8	0.998	1.038	-4.0	90	-0.01
51	T	4-Methyl-2-Pentanone	0.182	0.220	-20.9#	102	-0.01
52	CM	Toluene	0.666	0.758	-13.8#	96	-0.01
53	T	t-1,3-Dichloropropene	0.468	0.545	-16.5	95	-0.01
54	T	cis-1,3-Dichloropropene	0.487	0.579	-18.9	98	-0.01
55	T	1,1,2-Trichloroethane	0.219	0.272	-24.2#	107	-0.01
56	T	Ethyl methacrylate	0.233	0.288	-23.6#	112	-0.01
57	T	1,3-Dichloropropane	0.337	0.417	-23.7#	106	-0.01
58	T	2-Chloroethyl Vinyl ether	0.120	0.145	-20.8#	108	-0.01
59	T	2-Hexanone	0.128	0.161	-25.8#	103	-0.01
60	T	Dibromochloromethane	0.425	0.501	-17.9	99	0.00
61	T	1,2-Dibromoethane	0.263	0.303	-15.2	97	-0.01
62	S	4-Bromofluorobenzene	0.450	0.470	-4.4	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.01
64	T	Tetrachloroethene	0.442	0.434	1.8	93	-0.01
65	PM	Chlorobenzene	0.974	1.060	-8.8	100	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.461	0.493	-6.9	95	0.00
67	C	Ethyl Benzene	1.785	1.748	2.1#	91	0.00
68	T	m/p-Xylenes	0.617	0.656	-6.3	103	-0.01
69	T	o-Xylene	0.589	0.573	2.7	91	-0.01
70	T	Styrene	1.000	1.026	-2.6	98	0.00
71	P	Bromoform	0.323	0.356	-10.2	104	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	-0.01
73	T	Isopropylbenzene	3.296	3.521	-6.8	101	-0.01
74	T	N-amyl acetate	0.840	0.970	-15.5	111	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.523	0.632	-20.8#	106	-0.01
76	T	1,2,3-Trichloropropane	0.600	0.699	-16.5	106	0.00
77	T	Bromobenzene	0.904	0.967	-7.0	94	-0.01
78	T	n-propylbenzene	3.799	4.076	-7.3	103	0.00
79	T	2-Chlorotoluene	2.203	2.501	-13.5	107	-0.01
80	T	1,3,5-Trimethylbenzene	2.817	3.147	-11.7	101	0.00
81	T	trans-1,4-Dichloro-2-butene	0.172	0.176	-2.3	92	-0.01
82	T	4-Chlorotoluene	2.637	2.917	-10.6	104	-0.01
83	T	tert-Butylbenzene	3.143	3.413	-8.6	103	0.00
84	T	1,2,4-Trimethylbenzene	2.870	3.123	-8.8	108	0.00
85	T	sec-Butylbenzene	3.329	3.464	-4.1	98	-0.01
86	T	p-Isopropyltoluene	3.111	3.214	-3.3	96	0.00
87	T	1,3-Dichlorobenzene	1.567	1.680	-7.2	98	-0.01
88	T	1,4-Dichlorobenzene	1.570	1.658	-5.6	94	-0.01
89	T	n-Butylbenzene	2.777	3.028	-9.0	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.825	0.913	-10.7	101	-0.01
91 T	1,2-Dichlorobenzene	1.318	1.443	-9.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.129	-19.4	96	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.104	-4.7	94	-0.01
94 T	Hexachlorobutadiene	0.778	0.871	-12.0	99	0.00
95 T	Naphthalene	1.435	1.598	-11.4	97	-0.01
96 T	1,2,3-Trichlorobenzene	0.787	0.845	-7.4	96	-0.01

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