Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061315.D
Acq On : 9 Jan 2019 23:22
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jan 10 07:04:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 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	109	0.02
2	T	Dichlorodifluoromethane	0.922	0.925	-0.3	101	0.00
3	P	Chloromethane	0.822	0.748	9.0	96	0.02
4	C	Vinyl Chloride	0.734	0.655	10.8#	88	0.02
5	T	Bromomethane	0.506	0.467	7.7	84	0.03
6	T	Chloroethane	0.358	0.299	16.5	79	0.03
7	T	Trichlorofluoromethane	1.244	1.186	4.7	93	0.03
8	T	Diethyl Ether	0.183	0.198	-8.2	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.657	0.574	12.6	84	0.03
10	T	Methyl Iodide	1.029	0.956	7.1	91	0.06
11	T	Tert butyl alcohol	0.022	0.027	-22.7	146	0.02
12	CM	1,1-Dichloroethene	0.525	0.482	8.2#	88	0.05
13	T	Acrolein	0.028	0.019	32.1#	78	0.01
14	T	Allyl chloride	0.960	0.833	13.2	85	0.02
15	T	Acrylonitrile	0.079	0.075	5.1	100	0.02
16	T	Acetone	0.129	0.107	17.1	90	0.02
17	T	Carbon Disulfide	1.735	1.470	15.3	81	0.05
18	T	Methyl Acetate	0.255	0.275	-7.8	112	0.02
19	T	Methyl tert-butyl Ether	1.001	1.040	-3.9	97	0.02
20	T	Methylene Chloride	0.548	0.479	12.6	88	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.491	11.8	83	0.00
22	T	Diisopropyl ether	1.858	1.746	6.0	92	0.02
23	T	Vinyl Acetate	0.543	0.718	-32.2#	130	0.02
24	P	1,1-Dichloroethane	1.075	1.036	3.6	97	0.00
25	T	2-Butanone	0.208	0.231	-11.1	124	0.02
26	T	2,2-Dichloropropane	0.718	0.561	21.9	75	0.00
27	T	cis-1,2-Dichloroethene	0.777	0.835	-7.5	111	0.02
28	T	Bromochloromethane	0.474	0.507	-7.0	108	0.02
29		Tetrahydrofuran	0.087	0.101	-16.1	124	0.02
30	C	Chloroform	1.364	1.440	-5.6#	105	0.00
31	T	Cyclohexane	1.128	1.099	2.6	97	0.02
32	T	1,1,1-Trichloroethane	1.102	1.051	4.6	90	0.00
33	S	1,2-Dichloroethane-d4	0.557	0.617	-10.8	114	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.383	0.400	-4.4	105	0.02
36	T	1,1-Dichloropropene	0.584	0.635	-8.7	113	0.02
37	T	Ethyl Acetate	0.213	0.268	-25.8#	139	0.00
38	T	Carbon Tetrachloride	0.553	0.507	8.3	89	0.00
39	T	Methylcyclohexane	0.731	0.690	5.6	93	0.00
40	TM	Benzene	1.363	1.413	-3.7	110	0.02
41	T	Methacrylonitrile	0.119	0.138	-16.0	124	0.02
42	TM	1,2-Dichloroethane	0.424	0.512	-20.8	126	0.02
43	T	Isopropyl Acetate	0.281	0.343	-22.1	128	0.00
44	TM	Trichloroethene	0.399	0.407	-2.0	105	0.00
45	C	1,2-Dichloropropane	0.347	0.387	-11.5#	113	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.213	0.251	-17.8	123	0.02
47	T	Bromodichloromethane	0.529	0.625	-18.1	118	0.00
48	T	Methyl methacrylate	0.182	0.231	-26.9#	123	0.02
49	T	1,4-Dioxane	0.001	0.002	-100.0#	145	0.02
50	S	Toluene-d8	1.132	1.190	-5.1	106	0.00
51	T	4-Methyl-2-Pentanone	0.212	0.249	-17.5	120	0.00
52	CM	Toluene	0.876	0.907	-3.5#	106	0.00
53	T	t-1,3-Dichloropropene	0.416	0.466	-12.0	113	0.00
54	T	cis-1,3-Dichloropropene	0.551	0.635	-15.2	116	0.00
55	T	1,1,2-Trichloroethane	0.245	0.287	-17.1	121	0.00
56	T	Ethyl methacrylate	0.274	0.343	-25.2#	127	0.00
57	T	1,3-Dichloropropane	0.434	0.532	-22.6	123	0.00
58	T	2-Chloroethyl Vinyl ether	0.012	0.017	-41.7#	128	0.00
59	T	2-Hexanone	0.150	0.177	-18.0	127	0.00
60	T	Dibromochloromethane	0.326	0.401	-23.0	116	0.00
61	T	1,2-Dibromoethane	0.250	0.302	-20.8	125	0.00
62	S	4-Bromofluorobenzene	0.494	0.515	-4.3	109	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.364	0.399	-9.6	113	0.00
65	PM	Chlorobenzene	1.010	1.040	-3.0	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.412	0.435	-5.6	109	0.00
67	C	Ethyl Benzene	1.947	1.916	1.6#	102	0.00
68	T	m/p-Xylenes	0.679	0.666	1.9	105	0.00
69	T	o-Xylene	0.759	0.755	0.5	101	0.00
70	T	Styrene	1.011	1.025	-1.4	104	0.00
71	P	Bromoform	0.168	0.206	-22.6	119	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	4.400	4.574	-4.0	102	0.00
74	T	N-amyl acetate	1.000	1.288	-28.8#	127	0.00
75	P	1,1,2,2-Tetrachloroethane	0.698	0.851	-21.9	120	0.00
76	T	1,2,3-Trichloropropane	0.512	0.613	-19.7	126	0.00
77	T	Bromobenzene	0.875	0.965	-10.3	112	0.00
78	T	n-propylbenzene	5.246	5.400	-2.9	105	0.00
79	T	2-Chlorotoluene	2.923	3.044	-4.1	106	0.00
80	T	1,3,5-Trimethylbenzene	3.501	3.588	-2.5	106	0.00
81	T	trans-1,4-Dichloro-2-butene	0.224	0.234	-4.5	108	0.00
82	T	4-Chlorotoluene	2.970	3.041	-2.4	108	0.00
83	T	tert-Butylbenzene	3.488	3.616	-3.7	106	0.00
84	T	1,2,4-Trimethylbenzene	3.476	3.580	-3.0	103	0.00
85	T	sec-Butylbenzene	4.966	4.919	0.9	100	0.00
86	T	p-Isopropyltoluene	4.040	4.018	0.5	99	0.00
87	T	1,3-Dichlorobenzene	1.709	1.734	-1.5	106	0.00
88	T	1,4-Dichlorobenzene	1.643	1.725	-5.0	106	0.00
89	T	n-Butylbenzene	4.151	4.151	0.0	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.924	1.015	-9.8	108	0.00
91 T	1,2-Dichlorobenzene	1.632	1.723	-5.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.118	0.150	-27.1#	117	0.00
93 T	1,2,4-Trichlorobenzene	1.123	1.167	-3.9	101	0.00
94 T	Hexachlorobutadiene	0.723	0.725	-0.3	98	0.00
95 T	Naphthalene	2.116	2.472	-16.8	112	0.00
96 T	1,2,3-Trichlorobenzene	1.058	1.084	-2.5	100	0.00

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