Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
Data File : VD063521.D
Acq On : 13 Aug 2019 8:17
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 58 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 13 09:15:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 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	82	-0.01
2	T	Dichlorodifluoromethane	0.605	0.508	16.0	70	0.00
3	P	Chloromethane	0.473	0.455	3.8	84	0.00
4	C	Vinyl Chloride	0.469	0.449	4.3#	77	0.00
5	T	Bromomethane	0.221	0.260	-17.6	89	0.00
6	T	Chloroethane	0.215	0.248	-15.3	92	0.00
7	T	Trichlorofluoromethane	0.920	0.850	7.6	73	0.00
8	T	Diethyl Ether	0.130	0.163	-25.4#	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.541	0.4	81	0.00
10	T	Methyl Iodide	0.769	0.875	-13.8	89	0.00
11	T	Tert butyl alcohol	0.023	0.033	-43.5#	115	0.00
12	CM	1,1-Dichloroethene	0.404	0.431	-6.7#	82	0.00
13	T	Acrolein	0.023	0.026	-13.0	102	0.00
14	T	Allyl chloride	0.607	0.676	-11.4	92	0.00
15	T	Acrylonitrile	0.062	0.088	-41.9#	114	0.00
16	T	Acetone	0.109	0.119	-9.2	80	0.00
17	T	Carbon Disulfide	1.275	1.281	-0.5	83	0.00
18	T	Methyl Acetate	0.206	0.343	-66.5#	148	0.00
19	T	Methyl tert-butyl Ether	0.808	1.182	-46.3#	117	0.00
20	T	Methylene Chloride	0.470	0.563	-19.8	104	0.00
21	T	trans-1,2-Dichloroethene	0.425	0.505	-18.8	92	0.00
22	T	Diisopropyl ether	1.253	1.615	-28.9#	104	0.00
23	T	Vinyl Acetate	0.729	0.913	-25.2#	101	-0.01
24	P	1,1-Dichloroethane	0.777	0.922	-18.7	96	0.00
25	T	2-Butanone	0.107	0.142	-32.7#	105	-0.01
26	T	2,2-Dichloropropane	0.774	0.740	4.4	78	-0.01
27	T	cis-1,2-Dichloroethene	0.465	0.582	-25.2#	100	-0.01
28	T	Bromochloromethane	0.315	0.386	-22.5#	97	-0.01
29		Tetrahydrofuran	0.050	0.071	-42.0#	114	-0.01
30	C	Chloroform	0.966	1.159	-20.0#	99	0.00
31	T	Cyclohexane	0.483	0.474	1.9	76	0.00
32	T	1,1,1-Trichloroethane	0.924	0.988	-6.9	86	-0.01
33	S	1,2-Dichloroethane-d4	0.534	0.690	-29.2#	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.01
35	S	Dibromofluoromethane	0.421	0.466	-10.7	87	0.00
36	T	1,1-Dichloropropene	0.442	0.420	5.0	83	-0.01
37	T	Ethyl Acetate	0.185	0.223	-20.5#	107	-0.01
38	T	Carbon Tetrachloride	0.666	0.682	-2.4	84	0.00
39	T	Methylcyclohexane	0.376	0.329	12.5	73	0.00
40	TM	Benzene	0.973	1.086	-11.6	96	0.00
41	T	Methacrylonitrile	0.233	0.295	-26.6#	110	0.00
42	TM	1,2-Dichloroethane	0.489	0.583	-19.2	104	-0.01
43	T	Isopropyl Acetate	0.248	0.310	-25.0#	110	-0.01
44	TM	Trichloroethene	0.372	0.377	-1.3	94	0.00
45	C	1,2-Dichloropropane	0.227	0.277	-22.0#	110	-0.01

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.193	0.230	-19.2	102	0.00
47	T	Bromodichloromethane	0.496	0.594	-19.8	108	0.00
48	T	Methyl methacrylate	0.168	0.200	-19.0	105	0.00
49	T	1,4-Dioxane	0.001	0.002	-100.0#	112	-0.01
50	S	Toluene-d8	0.926	1.054	-13.8	86	0.00
51	T	4-Methyl-2-Pentanone	0.170	0.214	-25.9#	117	0.00
52	CM	Toluene	0.627	0.695	-10.8#	102	-0.01
53	T	t-1,3-Dichloropropene	0.405	0.489	-20.7#	105	0.00
54	T	cis-1,3-Dichloropropene	0.457	0.552	-20.8#	104	-0.01
55	T	1,1,2-Trichloroethane	0.212	0.263	-24.1#	112	-0.01
56	T	Ethyl methacrylate	0.230	0.303	-31.7#	113	-0.01
57	T	1,3-Dichloropropane	0.320	0.396	-23.8#	110	-0.01
58	T	2-Chloroethyl Vinyl ether	0.121	0.152	-25.6#	100	0.00
59	T	2-Hexanone	0.124	0.158	-27.4#	106	0.00
60	T	Dibromochloromethane	0.385	0.483	-25.5#	110	-0.01
61	T	1,2-Dibromoethane	0.256	0.327	-27.7#	115	-0.01
62	S	4-Bromofluorobenzene	0.420	0.467	-11.2	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.01
64	T	Tetrachloroethene	0.386	0.398	-3.1	95	-0.01
65	PM	Chlorobenzene	0.937	1.030	-9.9	102	0.00
66	T	1,1,1,2-Tetrachloroethane	0.412	0.477	-15.8	106	-0.01
67	C	Ethyl Benzene	1.629	1.663	-2.1#	93	-0.01
68	T	m/p-Xylenes	0.572	0.541	5.4	89	-0.01
69	T	o-Xylene	0.551	0.618	-12.2	103	0.00
70	T	Styrene	0.980	1.074	-9.6	103	0.00
71	P	Bromoform	0.283	0.344	-21.6#	109	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.180	2.900	8.8	82	0.00
74	T	N-amyl acetate	0.798	0.940	-17.8	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.528	0.603	-14.2	104	0.00
76	T	1,2,3-Trichloropropane	0.574	0.628	-9.4	100	0.00
77	T	Bromobenzene	0.869	0.883	-1.6	95	0.00
78	T	n-propylbenzene	3.721	3.617	2.8	91	-0.01
79	T	2-Chlorotoluene	2.145	2.311	-7.7	102	0.00
80	T	1,3,5-Trimethylbenzene	2.779	2.931	-5.5	97	-0.01
81	T	trans-1,4-Dichloro-2-butene	0.154	0.157	-1.9	93	0.00
82	T	4-Chlorotoluene	2.580	2.761	-7.0	99	0.00
83	T	tert-Butylbenzene	2.926	2.946	-0.7	93	-0.01
84	T	1,2,4-Trimethylbenzene	2.571	2.818	-9.6	99	-0.01
85	T	sec-Butylbenzene	3.107	3.099	0.3	97	-0.01
86	T	p-Isopropyltoluene	2.971	2.674	10.0	81	0.00
87	T	1,3-Dichlorobenzene	1.572	1.503	4.4	90	-0.01
88	T	1,4-Dichlorobenzene	1.508	1.627	-7.9	100	0.00
89	T	n-Butylbenzene	2.712	2.476	8.7	88	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.773	-3.5	97	0.00
91 T	1,2-Dichlorobenzene	1.334	1.462	-9.6	104	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.119	-20.2#	114	-0.01
93 T	1,2,4-Trichlorobenzene	0.982	1.072	-9.2	97	0.00
94 T	Hexachlorobutadiene	0.748	0.658	12.0	80	0.00
95 T	Naphthalene	1.487	1.681	-13.0	106	0.00
96 T	1,2,3-Trichlorobenzene	0.793	0.820	-3.4	98	0.00

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