Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061313.D
Acq On : 25 Mar 2019 20:53
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 26 08:04:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 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	104	0.00
2	T	Dichlorodifluoromethane	0.511	0.533	-4.3	101	0.00
3	P	Chloromethane	0.399	0.381	4.5	98	0.00
4	C	Vinyl Chloride	0.373	0.372	0.3#	97	0.00
5	T	Bromomethane	0.076	0.071	6.6	87	0.00
6	T	Chloroethane	0.117	0.137	-17.1	95	0.00
7	T	Trichlorofluoromethane	0.551	0.538	2.4	91	0.00
8	T	Diethyl Ether	0.164	0.202	-23.2#	125	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.579	-3.2	100	0.00
10	T	Methyl Iodide	0.784	0.897	-14.4	97	0.00
11	T	Tert butyl alcohol	0.023	0.031	-34.8#	125	-0.01
12	CM	1,1-Dichloroethene	0.483	0.501	-3.7#	102	0.00
13	T	Acrolein	0.025	0.025	0.0	109	0.00
14	T	Allyl chloride	0.685	0.726	-6.0	104	0.00
15	T	Acrylonitrile	0.081	0.103	-27.2#	120	0.00
16	T	Acetone	0.103	0.115	-11.7	92	0.00
17	T	Carbon Disulfide	1.603	1.709	-6.6	101	0.00
18	T	Methyl Acetate	0.195	0.233	-19.5	118	0.00
19	T	Methyl tert-butyl Ether	0.850	0.999	-17.5	108	0.00
20	T	Methylene Chloride	0.586	0.594	-1.4	112	0.00
21	T	trans-1,2-Dichloroethene	0.540	0.563	-4.3	96	0.00
22	T	Diisopropyl ether	1.443	1.584	-9.8	101	0.00
23	T	Vinyl Acetate	0.770	0.937	-21.7#	112	0.00
24	P	1,1-Dichloroethane	0.841	0.951	-13.1	104	0.00
25	T	2-Butanone	0.119	0.147	-23.5#	109	0.00
26	T	2,2-Dichloropropane	0.714	0.684	4.2	91	0.00
27	T	cis-1,2-Dichloroethene	0.581	0.624	-7.4	100	0.00
28	T	Bromochloromethane	0.352	0.362	-2.8	97	0.00
29		Tetrahydrofuran	0.059	0.074	-25.4#	112	0.00
30	C	Chloroform	0.896	0.983	-9.7#	103	0.00
31	T	Cyclohexane	0.682	0.742	-8.8	99	0.00
32	T	1,1,1-Trichloroethane	0.793	0.842	-6.2	95	0.00
33	S	1,2-Dichloroethane-d4	0.431	0.410	4.9	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.383	0.384	-0.3	97	0.00
36	T	1,1-Dichloropropene	0.409	0.408	0.2	99	0.00
37	T	Ethyl Acetate	0.171	0.222	-29.8#	123	0.00
38	T	Carbon Tetrachloride	0.468	0.470	-0.4	99	0.00
39	T	Methylcyclohexane	0.424	0.432	-1.9	94	0.00
40	TM	Benzene	1.016	1.069	-5.2	97	0.00
41	T	Methacrylonitrile	0.199	0.236	-18.6	109	0.00
42	TM	1,2-Dichloroethane	0.317	0.357	-12.6	108	0.00
43	T	Isopropyl Acetate	0.246	0.287	-16.7	108	0.00
44	TM	Trichloroethene	0.367	0.410	-11.7	105	0.00
45	C	1,2-Dichloropropane	0.251	0.289	-15.1#	104	0.00

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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	0.172	0.200	-16.3	110	0.00
47	T	Bromodichloromethane	0.403	0.463	-14.9	106	0.00
48	T	Methyl methacrylate	0.131	0.164	-25.2#	130	0.00
49	T	1,4-Dioxane	0.001	0.002	-100.0#	127	0.00
50	S	Toluene-d8	0.928	0.876	5.6	94	0.00
51	T	4-Methyl-2-Pentanone	0.147	0.177	-20.4#	116	0.00
52	CM	Toluene	0.622	0.648	-4.2#	107	0.00
53	T	t-1,3-Dichloropropene	0.350	0.412	-17.7	112	0.00
54	T	cis-1,3-Dichloropropene	0.428	0.492	-15.0	107	0.00
55	T	1,1,2-Trichloroethane	0.206	0.229	-11.2	112	0.00
56	T	Ethyl methacrylate	0.220	0.280	-27.3#	119	0.00
57	T	1,3-Dichloropropane	0.312	0.356	-14.1	104	0.00
58	T	2-Chloroethyl Vinyl ether	0.115	0.120	-4.3	101	0.00
59	T	2-Hexanone	0.107	0.133	-24.3#	108	0.00
60	T	Dibromochloromethane	0.323	0.389	-20.4#	110	0.00
61	T	1,2-Dibromoethane	0.241	0.292	-21.2#	116	0.00
62	S	4-Bromofluorobenzene	0.362	0.336	7.2	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.344	0.385	-11.9	103	0.00
65	PM	Chlorobenzene	0.921	1.046	-13.6	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.357	0.406	-13.7	100	0.00
67	C	Ethyl Benzene	1.409	1.465	-4.0#	95	0.00
68	T	m/p-Xylenes	0.550	0.583	-6.0	104	0.00
69	T	o-Xylene	0.510	0.561	-10.0	99	0.00
70	T	Styrene	0.866	1.031	-19.1	107	0.00
71	P	Bromoform	0.218	0.277	-27.1#	111	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73	T	Isopropylbenzene	3.252	3.142	3.4	96	0.00
74	T	N-amyl acetate	0.851	0.904	-6.2	102	0.00
75	P	1,1,2,2-Tetrachloroethane	0.631	0.741	-17.4	109	0.00
76	T	1,2,3-Trichloropropane	0.622	0.751	-20.7#	119	0.00
77	T	Bromobenzene	0.908	0.915	-0.8	95	0.00
78	T	n-propylbenzene	3.669	4.040	-10.1	109	0.00
79	T	2-Chlorotoluene	2.136	2.359	-10.4	114	0.00
80	T	1,3,5-Trimethylbenzene	2.566	2.687	-4.7	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.196	0.238	-21.4#	111	0.00
82	T	4-Chlorotoluene	2.335	2.266	3.0	98	0.00
83	T	tert-Butylbenzene	2.929	3.238	-10.5	107	0.00
84	T	1,2,4-Trimethylbenzene	2.566	2.687	-4.7	103	0.00
85	T	sec-Butylbenzene	3.262	3.267	-0.2	100	0.00
86	T	p-Isopropyltoluene	2.910	2.843	2.3	95	0.00
87	T	1,3-Dichlorobenzene	1.610	1.679	-4.3	105	0.00
88	T	1,4-Dichlorobenzene	1.560	1.672	-7.2	101	0.00
89	T	n-Butylbenzene	2.584	2.629	-1.7	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.780	0.805	-3.2	98	0.00
91 T	1,2-Dichlorobenzene	1.285	1.394	-8.5	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.079	0.100	-26.6#	120	0.00
93 T	1,2,4-Trichlorobenzene	0.593	0.669	-12.8	100	0.00
94 T	Hexachlorobutadiene	0.478	0.519	-8.6	97	0.00
95 T	Naphthalene	0.866	1.046	-20.8#	106	0.00
96 T	1,2,3-Trichlorobenzene	0.277	0.271	2.2	83	0.00

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