Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061331.D
Acq On : 26 Mar 2019 9:25
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 26 10:03:01 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	0.558	-9.2	105	0.00
3	P	Chloromethane	0.399	0.417	-4.5	107	0.00
4	C	Vinyl Chloride	0.373	0.430	-15.3#	111	0.00
5	T	Bromomethane	0.076	0.085	-11.8	103	0.00
6	T	Chloroethane	0.117	0.143	-22.2#	99	0.00
7	T	Trichlorofluoromethane	0.551	0.616	-11.8	103	0.00
8	T	Diethyl Ether	0.164	0.195	-18.9	120	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.609	-8.6	105	0.00
10	T	Methyl Iodide	0.784	0.991	-26.4#	107	0.00
11	T	Tert butyl alcohol	0.023	0.026	-13.0	106	-0.02
12	CM	1,1-Dichloroethene	0.483	0.517	-7.0#	104	0.00
13	T	Acrolein	0.025	0.023	8.0	102	0.00
14	T	Allyl chloride	0.685	0.802	-17.1	114	-0.01
15	T	Acrylonitrile	0.081	0.093	-14.8	108	-0.01
16	T	Acetone	0.103	0.154	-49.5#	123	-0.01
17	T	Carbon Disulfide	1.603	1.757	-9.6	104	0.00
18	T	Methyl Acetate	0.195	0.223	-14.4	112	0.00
19	T	Methyl tert-butyl Ether	0.850	0.908	-6.8	98	-0.01
20	T	Methylene Chloride	0.586	0.612	-4.4	115	-0.01
21	T	trans-1,2-Dichloroethene	0.540	0.591	-9.4	101	-0.01
22	T	Diisopropyl ether	1.443	1.604	-11.2	102	-0.01
23	T	Vinyl Acetate	0.770	0.868	-12.7	103	-0.02
24	P	1,1-Dichloroethane	0.841	0.980	-16.5	107	0.00
25	T	2-Butanone	0.119	0.156	-31.1#	115	-0.01
26	T	2,2-Dichloropropane	0.714	0.771	-8.0	102	-0.02
27	T	cis-1,2-Dichloroethene	0.581	0.644	-10.8	102	-0.01
28	T	Bromochloromethane	0.352	0.388	-10.2	103	0.00
29		Tetrahydrofuran	0.059	0.068	-15.3	103	-0.01
30	C	Chloroform	0.896	1.046	-16.7#	109	0.00
31	T	Cyclohexane	0.682	0.767	-12.5	101	-0.01
32	T	1,1,1-Trichloroethane	0.793	0.863	-8.8	97	0.00
33	S	1,2-Dichloroethane-d4	0.431	0.431	0.0	96	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	-0.01
35	S	Dibromofluoromethane	0.383	0.377	1.6	100	-0.01
36	T	1,1-Dichloropropene	0.409	0.436	-6.6	112	-0.01
37	T	Ethyl Acetate	0.171	0.183	-7.0	107	-0.01
38	T	Carbon Tetrachloride	0.468	0.486	-3.8	107	-0.01
39	T	Methylcyclohexane	0.424	0.466	-9.9	107	0.00
40	TM	Benzene	1.016	1.067	-5.0	102	0.00
41	T	Methacrylonitrile	0.199	0.207	-4.0	100	-0.01
42	TM	1,2-Dichloroethane	0.317	0.341	-7.6	108	-0.01
43	T	Isopropyl Acetate	0.246	0.290	-17.9	115	0.00
44	TM	Trichloroethene	0.367	0.413	-12.5	112	-0.01
45	C	1,2-Dichloropropane	0.251	0.286	-13.9#	109	-0.01

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.172	0.194	-12.8	112	0.00
47	T	Bromodichloromethane	0.403	0.446	-10.7	107	0.00
48	T	Methyl methacrylate	0.131	0.146	-11.5	122	-0.01
49	T	1,4-Dioxane	0.001	0.002	-100.0#	113	-0.01
50	S	Toluene-d8	0.928	0.888	4.3	100	-0.01
51	T	4-Methyl-2-Pentanone	0.147	0.163	-10.9	113	0.00
52	CM	Toluene	0.622	0.638	-2.6#	111	0.00
53	T	t-1,3-Dichloropropene	0.350	0.353	-0.9	101	0.00
54	T	cis-1,3-Dichloropropene	0.428	0.459	-7.2	106	-0.01
55	T	1,1,2-Trichloroethane	0.206	0.221	-7.3	114	0.00
56	T	Ethyl methacrylate	0.220	0.257	-16.8	115	0.00
57	T	1,3-Dichloropropane	0.312	0.332	-6.4	103	0.00
58	T	2-Chloroethyl Vinyl ether	0.115	0.109	5.2	97	0.00
59	T	2-Hexanone	0.107	0.131	-22.4#	113	0.00
60	T	Dibromochloromethane	0.323	0.348	-7.7	104	0.00
61	T	1,2-Dibromoethane	0.241	0.272	-12.9	114	-0.01
62	S	4-Bromofluorobenzene	0.362	0.357	1.4	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64	T	Tetrachloroethene	0.344	0.345	-0.3	103	0.00
65	PM	Chlorobenzene	0.921	0.908	1.4	101	0.00
66	T	1,1,1,2-Tetrachloroethane	0.357	0.397	-11.2	110	0.00
67	C	Ethyl Benzene	1.409	1.550	-10.0#	112	0.00
68	T	m/p-Xylenes	0.550	0.536	2.5	107	0.00
69	T	o-Xylene	0.510	0.535	-4.9	105	0.00
70	T	Styrene	0.866	0.935	-8.0	108	0.00
71	P	Bromoform	0.218	0.240	-10.1	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.252	3.169	2.6	94	0.00
74	T	N-amyl acetate	0.851	0.988	-16.1	109	0.00
75	P	1,1,2,2-Tetrachloroethane	0.631	0.716	-13.5	103	0.00
76	T	1,2,3-Trichloropropane	0.622	0.735	-18.2	114	0.00
77	T	Bromobenzene	0.908	1.067	-17.5	108	0.00
78	T	n-propylbenzene	3.669	4.054	-10.5	107	0.00
79	T	2-Chlorotoluene	2.136	2.498	-16.9	118	0.00
80	T	1,3,5-Trimethylbenzene	2.566	2.803	-9.2	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.196	0.255	-30.1#	116	0.00
82	T	4-Chlorotoluene	2.335	2.618	-12.1	111	0.00
83	T	tert-Butylbenzene	2.929	3.369	-15.0	109	0.00
84	T	1,2,4-Trimethylbenzene	2.566	2.803	-9.2	105	0.00
85	T	sec-Butylbenzene	3.262	3.340	-2.4	99	0.00
86	T	p-Isopropyltoluene	2.910	3.290	-13.1	107	0.00
87	T	1,3-Dichlorobenzene	1.610	1.844	-14.5	112	0.00
88	T	1,4-Dichlorobenzene	1.560	1.640	-5.1	97	0.00
89	T	n-Butylbenzene	2.584	2.632	-1.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.780	0.888	-13.8	105	0.00
91 T	1,2-Dichlorobenzene	1.285	1.372	-6.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.079	0.100	-26.6#	117	0.00
93 T	1,2,4-Trichlorobenzene	0.593	0.673	-13.5	98	0.00
94 T	Hexachlorobutadiene	0.478	0.536	-12.1	98	0.00
95 T	Naphthalene	0.866	1.059	-22.3#	105	0.00
96 T	1,2,3-Trichlorobenzene	0.277	0.308	-11.2	92	0.00

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