Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD030419\
Data File : VD060917.D
Acq On : 4 Mar 2019 11:54
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 05 02:05:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 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	108	0.04
2	T	Dichlorodifluoromethane	0.554	0.555	-0.2	113	0.02
3	P	Chloromethane	0.460	0.439	4.6	110	0.02
4	C	Vinyl Chloride	0.415	0.416	-0.2#	110	0.02
5	T	Bromomethane	0.073	0.072	1.4	103	0.03
6	T	Chloroethane	0.100	0.124	-24.0#	112	0.03
7	T	Trichlorofluoromethane	0.499	0.522	-4.6	107	0.02
8	T	Diethyl Ether	0.220	0.215	2.3	106	0.03
9	T	1,1,2-Trichlorotrifluoroeth	0.676	0.680	-0.6	109	0.03
10	T	Methyl Iodide	0.791	0.896	-13.3	102	0.04
11	T	Tert butyl alcohol	0.031	0.031	0.0	111	0.05
12	CM	1,1-Dichloroethene	0.574	0.558	2.8#	105	0.03
13	T	Acrolein	0.043	0.038	11.6	98	0.03
14	T	Allyl chloride	0.936	0.941	-0.5	114	0.04
15	T	Acrylonitrile	0.118	0.109	7.6	104	0.04
16	T	Acetone	0.138	0.146	-5.8	112	0.04
17	T	Carbon Disulfide	2.033	2.035	-0.1	111	0.03
18	T	Methyl Acetate	0.283	0.264	6.7	109	0.04
19	T	Methyl tert-butyl Ether	1.009	0.990	1.9	108	0.05
20	T	Methylene Chloride	0.766	0.653	14.8	107	0.03
21	T	trans-1,2-Dichloroethene	0.624	0.651	-4.3	115	0.04
22	T	Diisopropyl ether	1.987	1.856	6.6	100	0.04
23	T	Vinyl Acetate	1.043	0.951	8.8	102	0.05
24	P	1,1-Dichloroethane	1.060	1.070	-0.9	113	0.05
25	T	2-Butanone	0.171	0.165	3.5	100	0.05
26	T	2,2-Dichloropropane	0.787	0.804	-2.2	112	0.04
27	T	cis-1,2-Dichloroethene	0.708	0.672	5.1	104	0.05
28	T	Bromochloromethane	0.445	0.407	8.5	96	0.04
29		Tetrahydrofuran	0.088	0.079	10.2	99	0.05
30	C	Chloroform	1.028	0.999	2.8#	109	0.05
31	T	Cyclohexane	0.913	0.886	3.0	101	0.04
32	T	1,1,1-Trichloroethane	0.880	0.908	-3.2	110	0.04
33	S	1,2-Dichloroethane-d4	0.413	0.458	-10.9	118	0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.04
35	S	Dibromofluoromethane	0.401	0.433	-8.0	109	0.04
36	T	1,1-Dichloropropene	0.460	0.469	-2.0	109	0.04
37	T	Ethyl Acetate	0.236	0.218	7.6	102	0.05
38	T	Carbon Tetrachloride	0.494	0.530	-7.3	107	0.04
39	T	Methylcyclohexane	0.503	0.499	0.8	102	0.04
40	TM	Benzene	1.171	1.183	-1.0	110	0.04
41	T	Methacrylonitrile	0.148	0.111	25.0#	91	0.04
42	TM	1,2-Dichloroethane	0.329	0.325	1.2	108	0.04
43	T	Isopropyl Acetate	0.330	0.302	8.5	94	0.04
44	TM	Trichloroethene	0.401	0.430	-7.2	109	0.04
45	C	1,2-Dichloropropane	0.310	0.315	-1.6#	108	0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.200	0.207	-3.5	108	0.04
47	T	Bromodichloromethane	0.436	0.460	-5.5	112	0.03
48	T	Methyl methacrylate	0.185	0.183	1.1	106	0.04
49	T	1,4-Dioxane	0.002	0.002	0.0	107	0.03
50	S	Toluene-d8	0.997	1.110	-11.3	121	0.04
51	T	4-Methyl-2-Pentanone	0.201	0.187	7.0	100	0.03
52	CM	Toluene	0.752	0.713	5.2#	103	0.04
53	T	t-1,3-Dichloropropene	0.401	0.418	-4.2	109	0.03
54	T	cis-1,3-Dichloropropene	0.498	0.512	-2.8	108	0.04
55	T	1,1,2-Trichloroethane	0.249	0.237	4.8	105	0.03
56	T	Ethyl methacrylate	0.264	0.257	2.7	100	0.03
57	T	1,3-Dichloropropane	0.362	0.377	-4.1	110	0.03
58	T	2-Chloroethyl Vinyl ether	0.141	0.121	14.2	96	0.03
59	T	2-Hexanone	0.141	0.146	-3.5	106	0.03
60	T	Dibromochloromethane	0.359	0.354	1.4	102	0.03
61	T	1,2-Dibromoethane	0.292	0.283	3.1	102	0.03
62	S	4-Bromofluorobenzene	0.377	0.403	-6.9	110	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.03
64	T	Tetrachloroethene	0.383	0.363	5.2	105	0.03
65	PM	Chlorobenzene	1.113	1.101	1.1	109	0.03
66	T	1,1,1,2-Tetrachloroethane	0.399	0.386	3.3	109	0.02
67	C	Ethyl Benzene	1.621	1.528	5.7#	106	0.02
68	T	m/p-Xylenes	0.648	0.564	13.0	100	0.02
69	T	o-Xylene	0.608	0.571	6.1	101	0.03
70	T	Styrene	1.015	0.928	8.6	100	0.02
71	P	Bromoform	0.253	0.250	1.2	106	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.02
73	T	Isopropylbenzene	3.863	3.537	8.4	95	0.02
74	T	N-amyl acetate	1.154	1.134	1.7	110	0.00
75	P	1,1,2,2-Tetrachloroethane	0.801	0.731	8.7	97	0.02
76	T	1,2,3-Trichloropropane	0.810	0.809	0.1	106	0.02
77	T	Bromobenzene	1.010	0.978	3.2	100	0.02
78	T	n-propylbenzene	4.444	4.574	-2.9	108	0.02
79	T	2-Chlorotoluene	2.538	2.281	10.1	95	0.02
80	T	1,3,5-Trimethylbenzene	2.930	2.833	3.3	102	0.02
81	T	trans-1,4-Dichloro-2-butene	0.240	0.247	-2.9	104	0.02
82	T	4-Chlorotoluene	2.784	2.798	-0.5	103	0.02
83	T	tert-Butylbenzene	3.354	3.488	-4.0	102	0.00
84	T	1,2,4-Trimethylbenzene	2.930	2.833	3.3	102	0.02
85	T	sec-Butylbenzene	3.889	3.850	1.0	103	0.00
86	T	p-Isopropyltoluene	3.167	3.302	-4.3	104	0.02
87	T	1,3-Dichlorobenzene	1.715	1.830	-6.7	107	0.00
88	T	1,4-Dichlorobenzene	1.704	1.794	-5.3	107	0.02
89	T	n-Butylbenzene	2.943	3.029	-2.9	107	0.02

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90 T	Hexachloroethane	0.913	0.906	0.8	101	0.00
91 T	1,2-Dichlorobenzene	1.486	1.487	-0.1	104	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.093	1.1	100	0.00
93 T	1,2,4-Trichlorobenzene	0.863	0.763	11.6	93	0.00
94 T	Hexachlorobutadiene	0.554	0.589	-6.3	103	0.02
95 T	Naphthalene	1.344	1.230	8.5	102	0.02
96 T	1,2,3-Trichlorobenzene	0.485	0.463	4.5	101	0.02

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