Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052819\
Data File : VX009911.D
Acq On : 28 May 2019 13:22
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX052819

Quant Time: May 29 04:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 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	102	0.00
2	T	Dichlorodifluoromethane	0.611	0.714	-16.9	107	0.00
3	P	Chloromethane	0.821	0.863	-5.1	110	0.00
4	C	Vinyl Chloride	0.740	0.772	-4.3#	105	0.00
5	T	Bromomethane	0.449	0.473	-5.3	116	0.00
6	T	Chloroethane	0.456	0.448	1.8	106	0.00
7	T	Trichlorofluoromethane	0.818	0.872	-6.6	107	0.00
8	T	Diethyl Ether	0.385	0.379	1.6	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.494	0.523	-5.9	109	0.00
10	T	Methyl Iodide	0.551	0.535	2.9	90	0.00
11	T	Tert butyl alcohol	0.174	0.168	3.4	104	0.00
12	CM	1,1-Dichloroethene	0.506	0.515	-1.8#	106	0.00
13	T	Acrolein	0.110	0.116	-5.5	99	0.00
14	T	Allyl chloride	1.231	1.267	-2.9	106	0.00
15	T	Acrylonitrile	0.419	0.406	3.1	105	0.00
16	T	Acetone	0.408	0.413	-1.2	108	0.00
17	T	Carbon Disulfide	1.653	1.594	3.6	108	0.00
18	T	Methyl Acetate	0.950	0.895	5.8	106	0.00
19	T	Methyl tert-butyl Ether	1.912	1.923	-0.6	106	0.00
20	T	Methylene Chloride	0.625	0.607	2.9	106	0.00
21	T	trans-1,2-Dichloroethene	0.563	0.560	0.5	109	0.00
22	T	Diisopropyl ether	2.342	2.380	-1.6	106	0.00
23	T	Vinyl Acetate	2.104	2.162	-2.8	106	0.00
24	P	1,1-Dichloroethane	1.135	1.143	-0.7	106	0.00
25	T	2-Butanone	0.636	0.634	0.3	105	0.00
26	T	2,2-Dichloropropane	0.858	0.897	-4.5	109	0.00
27	T	cis-1,2-Dichloroethene	0.650	0.640	1.5	108	0.00
28	T	Bromochloromethane	0.589	0.532	9.7	100	0.00
29	T	Tetrahydrofuran	0.408	0.403	1.2	105	0.00
30	C	Chloroform	1.023	1.030	-0.7#	106	0.00
31	T	Cyclohexane	1.075	1.168	-8.7	107	0.00
32	T	1,1,1-Trichloroethane	0.833	0.874	-4.9	106	0.00
33	S	1,2-Dichloroethane-d4	0.706	0.680	3.7	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.314	0.314	0.0	103	0.00
36	T	1,1-Dichloropropene	0.507	0.537	-5.9	109	0.00
37	T	Ethyl Acetate	0.707	0.750	-6.1	105	0.00
38	T	Carbon Tetrachloride	0.438	0.480	-9.6	107	0.00
39	T	Methylcyclohexane	0.602	0.686	-14.0	110	0.00
40	TM	Benzene	1.505	1.610	-7.0	107	0.00
41	T	Methacrylonitrile	0.413	0.426	-3.1	106	0.00
42	TM	1,2-Dichloroethane	0.556	0.581	-4.5	107	0.00
43	T	Isopropyl Acetate	1.141	1.190	-4.3	106	0.00
44	TM	Trichloroethene	0.366	0.384	-4.9	108	0.00
45	C	1,2-Dichloropropane	0.433	0.453	-4.6#	106	0.00

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ClientSampleId : ICVVX052819

Quant Time: May 29 04:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.255	0.258	-1.2	107	0.00
47	T	Bromodichloromethane	0.485	0.526	-8.5	108	0.00
48	T	Methyl methacrylate	0.565	0.600	-6.2	105	0.00
49	T	1,4-Dioxane	0.011	0.011	0.0	104	0.00
50	S	Toluene-d8	1.277	1.310	-2.6	103	0.00
51	T	4-Methyl-2-Pentanone	0.742	0.781	-5.3	105	0.00
52	CM	Toluene	0.914	0.979	-7.1#	107	0.00
53	T	t-1,3-Dichloropropene	0.582	0.629	-8.1	106	0.00
54	T	cis-1,3-Dichloropropene	0.634	0.688	-8.5	107	0.00
55	T	1,1,2-Trichloroethane	0.368	0.383	-4.1	106	0.00
56	T	Ethyl methacrylate	0.655	0.725	-10.7	105	0.00
57	T	1,3-Dichloropropane	0.660	0.687	-4.1	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.343	0.415	-21.0#	117	0.00
59	T	2-Hexanone	0.571	0.615	-7.7	105	0.00
60	T	Dibromochloromethane	0.362	0.389	-7.5	105	0.00
61	T	1,2-Dibromoethane	0.378	0.397	-5.0	107	0.00
62	S	4-Bromofluorobenzene	0.459	0.487	-6.1	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.349	0.375	-7.4	107	0.00
65	PM	Chlorobenzene	1.047	1.099	-5.0	107	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.395	-8.8	107	0.00
67	C	Ethyl Benzene	1.879	2.059	-9.6#	108	0.00
68	T	m/p-Xylenes	0.694	0.766	-10.4	108	0.00
69	T	o-Xylene	0.666	0.731	-9.8	107	0.00
70	T	Styrene	1.168	1.295	-10.9	108	0.00
71	P	Bromoform	0.297	0.334	-12.5	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.689	3.901	-5.7	108	0.00
74	T	N-amyl acetate	2.204	2.333	-5.9	105	0.00
75	P	1,1,2,2-Tetrachloroethane	1.376	1.370	0.4	105	0.00
76	T	1,2,3-Trichloropropane	1.196	1.243	-3.9	108	0.00
77	T	Bromobenzene	0.940	0.956	-1.7	109	0.00
78	T	n-propylbenzene	4.252	4.646	-9.3	110	0.00
79	T	2-Chlorotoluene	2.598	2.693	-3.7	108	0.00
80	T	1,3,5-Trimethylbenzene	3.108	3.338	-7.4	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.483	0.503	-4.1	105	0.00
82	T	4-Chlorotoluene	3.024	3.170	-4.8	109	0.00
83	T	tert-Butylbenzene	2.973	3.183	-7.1	109	0.00
84	T	1,2,4-Trimethylbenzene	3.156	3.346	-6.0	108	0.00
85	T	sec-Butylbenzene	3.537	3.839	-8.5	109	0.00
86	T	p-Isopropyltoluene	3.182	3.556	-11.8	110	0.00
87	T	1,3-Dichlorobenzene	1.674	1.731	-3.4	110	0.00
88	T	1,4-Dichlorobenzene	1.707	1.730	-1.3	109	0.00
89	T	n-Butylbenzene	2.990	3.374	-12.8	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.546	0.605	-10.8	110	0.00
91 T	1,2-Dichlorobenzene	1.650	1.683	-2.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.324	0.316	2.5	104	0.00
93 T	1,2,4-Trichlorobenzene	1.179	1.240	-5.2	110	0.00
94 T	Hexachlorobutadiene	0.592	0.649	-9.6	113	0.00
95 T	Naphthalene	3.670	3.808	-3.8	107	0.00
96 T	1,2,3-Trichlorobenzene	1.180	1.215	-3.0	109	0.00

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