Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015612.D
Acq On : 10 Apr 2020 11:46
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Apr 11 00:51:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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	130	0.00
2	T	Dichlorodifluoromethane	0.441	0.392	11.1	142	0.00
3	P	Chloromethane	0.561	0.475	15.3	102	0.00
4	C	Vinyl Chloride	0.515	0.462	10.3#	123	0.00
5	T	Bromomethane	0.259	0.252	2.7	123	0.00
6	T	Chloroethane	0.319	0.296	7.2	120	0.00
7	T	Trichlorofluoromethane	0.691	0.661	4.3	147	0.00
8	T	Diethyl Ether	0.291	0.272	6.5	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.450	0.437	2.9	157#	0.00
10	T	Methyl Iodide	0.607	0.586	3.5	105	0.00
11	T	Tert butyl alcohol	0.169	0.114	32.5#	78	0.00
12	CM	1,1-Dichloroethene	0.472	0.417	11.7#	120	0.00
13	T	Acrolein	0.096	0.067	30.2#	82	0.00
14	T	Allyl chloride	1.103	0.946	14.2	103	0.00
15	T	Acrylonitrile	0.322	0.269	16.5	93	0.00
16	T	Acetone	0.303	0.318	-5.0	119	0.00
17	T	Carbon Disulfide	1.440	1.159	19.5	108	0.00
18	T	Methyl Acetate	0.773	0.661	14.5	95	0.00
19	T	Methyl tert-butyl Ether	1.831	1.642	10.3	101	0.00
20	T	Methylene Chloride	0.566	0.487	14.0	103	0.00
21	T	trans-1,2-Dichloroethene	0.524	0.462	11.8	111	0.00
22	T	Diisopropyl ether	1.954	1.758	10.0	102	0.00
23	T	Vinyl Acetate	1.770	1.553	12.3	97	0.00
24	P	1,1-Dichloroethane	1.029	0.907	11.9	108	0.00
25	T	2-Butanone	0.487	0.423	13.1	97	0.00
26	T	2,2-Dichloropropane	0.845	0.825	2.4	127	0.00
27	T	cis-1,2-Dichloroethene	0.606	0.553	8.7	108	0.00
28	T	Bromochloromethane	0.491	0.470	4.3	108	0.00
29	T	Tetrahydrofuran	0.313	0.250	20.1#	89	0.00
30	C	Chloroform	0.990	0.896	9.5#	107	0.00
31	T	Cyclohexane	0.893	0.793	11.2	139	0.00
32	T	1,1,1-Trichloroethane	0.896	0.808	9.8	117	0.00
33	S	1,2-Dichloroethane-d4	0.705	0.655	7.1	110	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35	S	Dibromofluoromethane	0.320	0.318	0.6	112	0.00
36	T	1,1-Dichloropropene	0.461	0.440	4.6	121	0.00
37	T	Ethyl Acetate	0.600	0.518	13.7	91	0.00
38	T	Carbon Tetrachloride	0.499	0.471	5.6	123	0.00
39	T	Methylcyclohexane	0.531	0.524	1.3	154#	0.00
40	TM	Benzene	1.350	1.282	5.0	107	0.00
41	T	Methacrylonitrile	0.333	0.301	9.6	92	0.00
42	TM	1,2-Dichloroethane	0.542	0.525	3.1	102	0.00
43	T	Isopropyl Acetate	1.013	0.900	11.2	93	0.00
44	TM	Trichloroethene	0.368	0.362	1.6	116	0.00
45	C	1,2-Dichloropropane	0.369	0.349	5.4#	104	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
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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)
46	T	Dibromomethane	0.242	0.226	6.6	100	0.00
47	T	Bromodichloromethane	0.516	0.492	4.7	101	0.00
48	T	Methyl methacrylate	0.506	0.457	9.7	94	0.00
49	T	1,4-Dioxane	0.009	0.007	22.2#	81	0.00
50	S	Toluene-d8	1.177	1.165	1.0	116	0.00
51	T	4-Methyl-2-Pentanone	0.574	0.515	10.3	93	0.00
52	CM	Toluene	0.832	0.820	1.4#	110	0.00
53	T	t-1,3-Dichloropropene	0.605	0.565	6.6	101	0.00
54	T	cis-1,3-Dichloropropene	0.616	0.596	3.2	103	0.00
55	T	1,1,2-Trichloroethane	0.341	0.333	2.3	103	0.00
56	T	Ethyl methacrylate	0.601	0.555	7.7	97	0.00
57	T	1,3-Dichloropropane	0.614	0.576	6.2	102	0.00
58	T	2-Chloroethyl Vinyl ether	0.292	0.285	2.4	102	0.00
59	T	2-Hexanone	0.433	0.401	7.4	95	0.00
60	T	Dibromochloromethane	0.410	0.394	3.9	100	0.00
61	T	1,2-Dibromoethane	0.371	0.357	3.8	101	0.00
62	S	4-Bromofluorobenzene	0.478	0.483	-1.0	116	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.377	0.379	-0.5	125	0.00
65	PM	Chlorobenzene	0.997	0.985	1.2	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.394	1.0	107	0.00
67	C	Ethyl Benzene	1.769	1.754	0.8#	113	0.00
68	T	m/p-Xylenes	0.659	0.666	-1.1	116	0.00
69	T	o-Xylene	0.651	0.647	0.6	110	0.00
70	T	Styrene	1.145	1.125	1.7	108	0.00
71	P	Bromoform	0.363	0.348	4.1	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73	T	Isopropylbenzene	3.276	3.244	1.0	122	0.00
74	T	N-amyl acetate	1.822	1.607	11.8	96	0.00
75	P	1,1,2,2-Tetrachloroethane	1.124	1.017	9.5	101	0.00
76	T	1,2,3-Trichloropropane	1.028	0.962	6.4	100	0.00
77	T	Bromobenzene	0.874	0.864	1.1	111	0.00
78	T	n-propylbenzene	3.746	3.700	1.2	120	0.00
79	T	2-Chlorotoluene	2.296	2.213	3.6	112	0.00
80	T	1,3,5-Trimethylbenzene	2.798	2.742	2.0	117	0.00
81	T	trans-1,4-Dichloro-2-butene	0.429	0.381	11.2	95	0.00
82	T	4-Chlorotoluene	2.692	2.617	2.8	113	0.00
83	T	tert-Butylbenzene	2.733	2.721	0.4	122	0.00
84	T	1,2,4-Trimethylbenzene	2.851	2.781	2.5	114	0.00
85	T	sec-Butylbenzene	3.161	3.162	-0.0	130	0.00
86	T	p-Isopropyltoluene	2.934	3.088	-5.2	131	0.00
87	T	1,3-Dichlorobenzene	1.564	1.570	-0.4	116	0.00
88	T	1,4-Dichlorobenzene	1.593	1.603	-0.6	116	0.00
89	T	n-Butylbenzene	2.652	2.714	-2.3	131	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.571	0.540	5.4	115	0.00
91 T	1,2-Dichlorobenzene	1.531	1.534	-0.2	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.317	0.250	21.1#	91	0.00
93 T	1,2,4-Trichlorobenzene	1.211	1.241	-2.5	120	0.00
94 T	Hexachlorobutadiene	0.577	0.598	-3.6	145	0.00
95 T	Naphthalene	3.694	3.529	4.5	104	0.00
96 T	1,2,3-Trichlorobenzene	1.166	1.202	-3.1	114	0.00

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