Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX041620\
Data File : VX015728.D
Acq On : 16 Apr 2020 21:17
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Apr 17 08:54:56 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	112	0.00
2	T	Dichlorodifluoromethane	0.441	0.358	18.8	112	0.00
3	P	Chloromethane	0.561	0.445	20.7#	82	0.00
4	C	Vinyl Chloride	0.515	0.458	11.1#	105	0.00
5	T	Bromomethane	0.259	0.227	12.4	95	0.00
6	T	Chloroethane	0.319	0.289	9.4	101	0.00
7	T	Trichlorofluoromethane	0.691	0.632	8.5	120	0.00
8	T	Diethyl Ether	0.291	0.262	10.0	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.450	0.425	5.6	131	0.00
10	T	Methyl Iodide	0.607	0.491	19.1	76	0.00
11	T	Tert butyl alcohol	0.169	0.129	23.7#	76	0.00
12	CM	1,1-Dichloroethene	0.472	0.417	11.7#	103	0.00
13	T	Acrolein	0.096	0.117	-21.9#	123	0.00
14	T	Allyl chloride	1.103	0.886	19.7	82	0.00
15	T	Acrylonitrile	0.322	0.281	12.7	83	0.00
16	T	Acetone	0.303	0.246	18.8	79	0.00
17	T	Carbon Disulfide	1.440	1.077	25.2#	86	0.00
18	T	Methyl Acetate	0.773	0.686	11.3	85	0.00
19	T	Methyl tert-butyl Ether	1.831	1.598	12.7	84	0.00
20	T	Methylene Chloride	0.566	0.493	12.9	89	0.00
21	T	trans-1,2-Dichloroethene	0.524	0.462	11.8	95	0.00
22	T	Diisopropyl ether	1.954	1.720	12.0	86	0.00
23	T	Vinyl Acetate	1.770	1.501	15.2	80	0.00
24	P	1,1-Dichloroethane	1.029	0.888	13.7	90	0.00
25	T	2-Butanone	0.487	0.405	16.8	80	0.00
26	T	2,2-Dichloropropane	0.845	0.678	19.8	89	0.00
27	T	cis-1,2-Dichloroethene	0.606	0.548	9.6	92	0.00
28	T	Bromochloromethane	0.491	0.425	13.4	84	0.00
29	T	Tetrahydrofuran	0.313	0.260	16.9	79	0.00
30	C	Chloroform	0.990	0.883	10.8#	90	0.00
31	T	Cyclohexane	0.893	0.761	14.8	115	0.00
32	T	1,1,1-Trichloroethane	0.896	0.793	11.5	99	0.00
33	S	1,2-Dichloroethane-d4	0.705	0.613	13.0	88	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.320	0.335	-4.7	98	0.00
36	T	1,1-Dichloropropene	0.461	0.447	3.0	102	0.00
37	T	Ethyl Acetate	0.600	0.540	10.0	78	0.00
38	T	Carbon Tetrachloride	0.499	0.477	4.4	103	0.00
39	T	Methylcyclohexane	0.531	0.512	3.6	125	0.00
40	TM	Benzene	1.350	1.320	2.2	91	0.00
41	T	Methacrylonitrile	0.333	0.308	7.5	78	0.00
42	TM	1,2-Dichloroethane	0.542	0.508	6.3	82	0.00
43	T	Isopropyl Acetate	1.013	0.921	9.1	79	0.00
44	TM	Trichloroethene	0.368	0.379	-3.0	101	0.00
45	C	1,2-Dichloropropane	0.369	0.358	3.0#	88	0.00

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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	0.235	2.9	86	0.00
47	T	Bromodichloromethane	0.516	0.493	4.5	84	0.00
48	T	Methyl methacrylate	0.506	0.453	10.5	77	0.00
49	T	1,4-Dioxane	0.009	0.009	0.0	85	0.00
50	S	Toluene-d8	1.177	1.236	-5.0	102	0.00
51	T	4-Methyl-2-Pentanone	0.574	0.548	4.5	82	0.00
52	CM	Toluene	0.832	0.848	-1.9#	95	0.00
53	T	t-1,3-Dichloropropene	0.605	0.545	9.9	81	0.00
54	T	cis-1,3-Dichloropropene	0.616	0.582	5.5	84	0.00
55	T	1,1,2-Trichloroethane	0.341	0.352	-3.2	91	0.00
56	T	Ethyl methacrylate	0.601	0.578	3.8	84	0.00
57	T	1,3-Dichloropropane	0.614	0.602	2.0	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.292	0.286	2.1	85	0.00
59	T	2-Hexanone	0.433	0.414	4.4	81	0.00
60	T	Dibromochloromethane	0.410	0.401	2.2	85	0.00
61	T	1,2-Dibromoethane	0.371	0.374	-0.8	88	0.00
62	S	4-Bromofluorobenzene	0.478	0.494	-3.3	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.377	0.392	-4.0	109	0.00
65	PM	Chlorobenzene	0.997	1.012	-1.5	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.402	-1.0	92	0.00
67	C	Ethyl Benzene	1.769	1.770	-0.1#	97	0.00
68	T	m/p-Xylenes	0.659	0.680	-3.2	100	0.00
69	T	o-Xylene	0.651	0.657	-0.9	94	0.00
70	T	Styrene	1.145	1.148	-0.3	94	0.00
71	P	Bromoform	0.363	0.361	0.6	88	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.276	3.159	3.6	104	0.00
74	T	N-amyl acetate	1.822	1.511	17.1	79	0.00
75	P	1,1,2,2-Tetrachloroethane	1.124	1.021	9.2	88	0.00
76	T	1,2,3-Trichloropropane	1.028	0.950	7.6	86	0.00
77	T	Bromobenzene	0.874	0.866	0.9	97	0.00
78	T	n-propylbenzene	3.746	3.549	5.3	101	0.00
79	T	2-Chlorotoluene	2.296	2.134	7.1	94	0.00
80	T	1,3,5-Trimethylbenzene	2.798	2.679	4.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.429	0.343	20.0#	75	0.00
82	T	4-Chlorotoluene	2.692	2.524	6.2	95	0.00
83	T	tert-Butylbenzene	2.733	2.713	0.7	106	0.00
84	T	1,2,4-Trimethylbenzene	2.851	2.708	5.0	97	0.00
85	T	sec-Butylbenzene	3.161	3.125	1.1	112	0.00
86	T	p-Isopropyltoluene	2.934	2.923	0.4	108	0.00
87	T	1,3-Dichlorobenzene	1.564	1.560	0.3	101	0.00
88	T	1,4-Dichlorobenzene	1.593	1.566	1.7	99	0.00
89	T	n-Butylbenzene	2.652	2.567	3.2	108	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	0.506	11.4	94	0.00
91 T	1,2-Dichlorobenzene	1.531	1.552	-1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.317	0.246	22.4#	79	0.00
93 T	1,2,4-Trichlorobenzene	1.211	1.257	-3.8	106	0.00
94 T	Hexachlorobutadiene	0.577	0.629	-9.0	134	0.00
95 T	Naphthalene	3.694	3.556	3.7	91	0.00
96 T	1,2,3-Trichlorobenzene	1.166	1.281	-9.9	106	0.00

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