Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX041620\
Data File : VX015701.D
Acq On : 16 Apr 2020 10:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Apr 17 07:02:11 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	114	0.00
2	T	Dichlorodifluoromethane	0.441	0.384	12.9	122	0.00
3	P	Chloromethane	0.561	0.467	16.8	88	0.00
4	C	Vinyl Chloride	0.515	0.472	8.3#	110	0.00
5	T	Bromomethane	0.259	0.243	6.2	104	0.00
6	T	Chloroethane	0.319	0.296	7.2	106	0.00
7	T	Trichlorofluoromethane	0.691	0.662	4.2	129	0.00
8	T	Diethyl Ether	0.291	0.272	6.5	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.450	0.448	0.4	141	0.00
10	T	Methyl Iodide	0.607	0.469	22.7#	74	0.00
11	T	Tert butyl alcohol	0.169	0.118	30.2#	72	0.00
12	CM	1,1-Dichloroethene	0.472	0.421	10.8#	106	0.00
13	T	Acrolein	0.096	0.113	-17.7	122	0.00
14	T	Allyl chloride	1.103	0.934	15.3	89	0.00
15	T	Acrylonitrile	0.322	0.271	15.8	82	0.00
16	T	Acetone	0.303	0.314	-3.6	103	0.00
17	T	Carbon Disulfide	1.440	1.139	20.9#	93	0.00
18	T	Methyl Acetate	0.773	0.661	14.5	84	0.00
19	T	Methyl tert-butyl Ether	1.831	1.601	12.6	86	0.00
20	T	Methylene Chloride	0.566	0.488	13.8	90	0.00
21	T	trans-1,2-Dichloroethene	0.524	0.466	11.1	98	0.00
22	T	Diisopropyl ether	1.954	1.758	10.0	90	0.00
23	T	Vinyl Acetate	1.770	1.519	14.2	83	0.00
24	P	1,1-Dichloroethane	1.029	0.898	12.7	94	0.00
25	T	2-Butanone	0.487	0.424	12.9	85	0.00
26	T	2,2-Dichloropropane	0.845	0.813	3.8	109	0.00
27	T	cis-1,2-Dichloroethene	0.606	0.553	8.7	95	0.00
28	T	Bromochloromethane	0.491	0.423	13.8	85	0.00
29	T	Tetrahydrofuran	0.313	0.248	20.8#	77	0.00
30	C	Chloroform	0.990	0.879	11.2#	92	-0.01
31	T	Cyclohexane	0.893	0.804	10.0	124	0.00
32	T	1,1,1-Trichloroethane	0.896	0.805	10.2	102	0.00
33	S	1,2-Dichloroethane-d4	0.705	0.615	12.8	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.320	0.338	-5.6	99	-0.01
36	T	1,1-Dichloropropene	0.461	0.467	-1.3	107	0.00
37	T	Ethyl Acetate	0.600	0.529	11.8	77	-0.01
38	T	Carbon Tetrachloride	0.499	0.495	0.8	108	0.00
39	T	Methylcyclohexane	0.531	0.567	-6.8	139	0.00
40	TM	Benzene	1.350	1.362	-0.9	95	0.00
41	T	Methacrylonitrile	0.333	0.305	8.4	78	0.00
42	TM	1,2-Dichloroethane	0.542	0.522	3.7	85	0.00
43	T	Isopropyl Acetate	1.013	0.925	8.7	79	0.00
44	TM	Trichloroethene	0.368	0.396	-7.6	106	0.00
45	C	1,2-Dichloropropane	0.369	0.366	0.8#	91	0.00

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Quant Time: Apr 17 07:02:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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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	0.240	0.8	89	0.00
47	T	Bromodichloromethane	0.516	0.507	1.7	87	0.00
48	T	Methyl methacrylate	0.506	0.459	9.3	79	0.00
49	T	1,4-Dioxane	0.009	0.009	0.0	80	0.00
50	S	Toluene-d8	1.177	1.253	-6.5	104	0.00
51	T	4-Methyl-2-Pentanone	0.574	0.538	6.3	81	0.00
52	CM	Toluene	0.832	0.871	-4.7#	98	0.00
53	T	t-1,3-Dichloropropene	0.605	0.581	4.0	86	0.00
54	T	cis-1,3-Dichloropropene	0.616	0.615	0.2	89	0.00
55	T	1,1,2-Trichloroethane	0.341	0.351	-2.9	91	0.00
56	T	Ethyl methacrylate	0.601	0.580	3.5	84	0.00
57	T	1,3-Dichloropropane	0.614	0.606	1.3	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.292	0.293	-0.3	87	0.00
59	T	2-Hexanone	0.433	0.418	3.5	82	0.00
60	T	Dibromochloromethane	0.410	0.414	-1.0	88	0.00
61	T	1,2-Dibromoethane	0.371	0.365	1.6	86	0.00
62	S	4-Bromofluorobenzene	0.478	0.507	-6.1	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.377	0.397	-5.3	111	0.00
65	PM	Chlorobenzene	0.997	1.019	-2.2	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.399	-0.3	92	0.00
67	C	Ethyl Benzene	1.769	1.820	-2.9#	100	0.00
68	T	m/p-Xylenes	0.659	0.684	-3.8	101	0.00
69	T	o-Xylene	0.651	0.671	-3.1	97	0.00
70	T	Styrene	1.145	1.183	-3.3	97	0.00
71	P	Bromoform	0.363	0.348	4.1	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.276	3.309	-1.0	106	0.00
74	T	N-amyl acetate	1.822	1.563	14.2	80	0.00
75	P	1,1,2,2-Tetrachloroethane	1.124	1.051	6.5	89	0.00
76	T	1,2,3-Trichloropropane	1.028	0.974	5.3	86	0.00
77	T	Bromobenzene	0.874	0.889	-1.7	97	0.00
78	T	n-propylbenzene	3.746	3.838	-2.5	106	0.00
79	T	2-Chlorotoluene	2.296	2.281	0.7	98	0.00
80	T	1,3,5-Trimethylbenzene	2.798	2.892	-3.4	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.429	0.373	13.1	79	0.00
82	T	4-Chlorotoluene	2.692	2.718	-1.0	100	0.00
83	T	tert-Butylbenzene	2.733	2.904	-6.3	111	0.00
84	T	1,2,4-Trimethylbenzene	2.851	2.957	-3.7	103	0.00
85	T	sec-Butylbenzene	3.161	3.362	-6.4	118	0.00
86	T	p-Isopropyltoluene	2.934	3.200	-9.1	115	0.00
87	T	1,3-Dichlorobenzene	1.564	1.658	-6.0	105	0.00
88	T	1,4-Dichlorobenzene	1.593	1.653	-3.8	102	0.00
89	T	n-Butylbenzene	2.652	2.900	-9.4	119	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	0.550	3.7	100	0.00
91 T	1,2-Dichlorobenzene	1.531	1.612	-5.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.317	0.252	20.5#	79	0.00
93 T	1,2,4-Trichlorobenzene	1.211	1.315	-8.6	108	0.00
94 T	Hexachlorobutadiene	0.577	0.630	-9.2	131	0.00
95 T	Naphthalene	3.694	3.664	0.8	92	0.00
96 T	1,2,3-Trichlorobenzene	1.166	1.278	-9.6	104	0.00

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