Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050120\
Data File : VX016002.D
Acq On : 01 May 2020 10:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: May 02 07:09:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 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	120	0.00
2	T	Dichlorodifluoromethane	0.447	0.489	-9.4	128	0.00
3	P	Chloromethane	0.542	0.545	-0.6	126	0.00
4	C	Vinyl Chloride	0.616	0.658	-6.8#	129	0.00
5	T	Bromomethane	0.413	0.351	15.0	101	0.00
6	T	Chloroethane	0.410	0.417	-1.7	129	0.00
7	T	Trichlorofluoromethane	0.931	0.908	2.5	118	0.00
8	T	Diethyl Ether	0.389	0.376	3.3	122	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.464	0.514	-10.8	138	0.00
10	T	Methyl Iodide	0.647	0.692	-7.0	125	0.00
11	T	Tert butyl alcohol	0.159	0.156	1.9	123	0.00
12	CM	1,1-Dichloroethene	0.478	0.501	-4.8#	130	0.00
13	T	Acrolein	0.040	0.054	-35.0#	176#	0.00
14	T	Allyl chloride	0.863	0.943	-9.3	132	0.00
15	T	Acrylonitrile	0.315	0.330	-4.8	126	0.00
16	T	Acetone	0.280	0.271	3.2	120	0.00
17	T	Carbon Disulfide	1.532	1.494	2.5	133	0.00
18	T	Methyl Acetate	0.793	0.831	-4.8	127	0.00
19	T	Methyl tert-butyl Ether	1.730	1.855	-7.2	129	0.00
20	T	Methylene Chloride	0.553	0.567	-2.5	131	0.00
21	T	trans-1,2-Dichloroethene	0.539	0.551	-2.2	130	0.00
22	T	Diisopropyl ether	1.696	1.853	-9.3	133	0.00
23	T	Vinyl Acetate	1.473	1.592	-8.1	128	0.00
24	P	1,1-Dichloroethane	0.945	1.017	-7.6	129	0.00
25	T	2-Butanone	0.453	0.448	1.1	118	0.00
26	T	2,2-Dichloropropane	0.864	0.963	-11.5	134	0.00
27	T	cis-1,2-Dichloroethene	0.612	0.634	-3.6	128	0.00
28	T	Bromochloromethane	0.457	0.407	10.9	116	0.00
29	T	Tetrahydrofuran	0.297	0.303	-2.0	124	0.00
30	C	Chloroform	0.982	1.027	-4.6#	128	0.00
31	T	Cyclohexane	0.841	0.928	-10.3	135	0.00
32	T	1,1,1-Trichloroethane	0.904	0.943	-4.3	127	0.00
33	S	1,2-Dichloroethane-d4	0.654	0.596	8.9	115	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
35	S	Dibromofluoromethane	0.312	0.289	7.4	115	0.00
36	T	1,1-Dichloropropene	0.476	0.510	-7.1	133	0.00
37	T	Ethyl Acetate	0.546	0.573	-4.9	124	0.00
38	T	Carbon Tetrachloride	0.503	0.533	-6.0	126	0.00
39	T	Methylcyclohexane	0.551	0.627	-13.8	137	0.00
40	TM	Benzene	1.359	1.454	-7.0	129	0.00
41	T	Methacrylonitrile	0.292	0.311	-6.5	128	0.00
42	TM	1,2-Dichloroethane	0.526	0.546	-3.8	126	0.00
43	T	Isopropyl Acetate	0.904	0.945	-4.5	124	0.00
44	TM	Trichloroethene	0.490	0.539	-10.0	135	0.00
45	C	1,2-Dichloropropane	0.351	0.376	-7.1#	129	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.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	0.250	0.254	-1.6	123	0.00
47	T	Bromodichloromethane	0.496	0.535	-7.9	127	0.00
48	T	Methyl methacrylate	0.417	0.452	-8.4	125	0.00
49	T	1,4-Dioxane	0.010	0.010	0.0	128	0.00
50	S	Toluene-d8	1.166	1.122	3.8	119	0.00
51	T	4-Methyl-2-Pentanone	0.548	0.580	-5.8	124	0.00
52	CM	Toluene	0.863	0.940	-8.9#	130	0.00
53	T	t-1,3-Dichloropropene	0.588	0.636	-8.2	130	0.00
54	T	cis-1,3-Dichloropropene	0.605	0.653	-7.9	130	0.00
55	T	1,1,2-Trichloroethane	0.345	0.370	-7.2	129	0.00
56	T	Ethyl methacrylate	0.560	0.618	-10.4	129	0.00
57	T	1,3-Dichloropropane	0.592	0.636	-7.4	128	0.00
58	T	2-Chloroethyl Vinyl ether	0.290	0.322	-11.0	132	0.00
59	T	2-Hexanone	0.429	0.448	-4.4	122	0.00
60	T	Dibromochloromethane	0.386	0.426	-10.4	130	0.00
61	T	1,2-Dibromoethane	0.374	0.396	-5.9	125	0.00
62	S	4-Bromofluorobenzene	0.457	0.436	4.6	119	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.00
64	T	Tetrachloroethene	0.593	0.643	-8.4	132	0.00
65	PM	Chlorobenzene	1.018	1.087	-6.8	129	0.00
66	T	1,1,1,2-Tetrachloroethane	0.385	0.411	-6.8	127	0.00
67	C	Ethyl Benzene	1.814	1.978	-9.0#	132	0.00
68	T	m/p-Xylenes	0.688	0.757	-10.0	132	0.00
69	T	o-Xylene	0.653	0.720	-10.3	130	0.00
70	T	Styrene	1.121	1.245	-11.1	131	0.00
71	P	Bromoform	0.312	0.344	-10.3	126	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00
73	T	Isopropylbenzene	3.401	3.702	-8.9	131	0.00
74	T	N-amyl acetate	1.640	1.709	-4.2	125	0.00
75	P	1,1,2,2-Tetrachloroethane	0.659	0.611	7.3	106	0.00
76	T	1,2,3-Trichloropropane	1.049	1.123	-7.1	129	0.00
77	T	Bromobenzene	0.876	0.918	-4.8	126	0.00
78	T	n-propylbenzene	3.913	4.374	-11.8	134	0.00
79	T	2-Chlorotoluene	2.331	2.529	-8.5	133	0.00
80	T	1,3,5-Trimethylbenzene	2.865	3.155	-10.1	131	0.00
81	T	trans-1,4-Dichloro-2-butene	0.444	0.482	-8.6	130	0.00
82	T	4-Chlorotoluene	2.788	3.033	-8.8	132	0.00
83	T	tert-Butylbenzene	2.471	2.692	-8.9	130	0.00
84	T	1,2,4-Trimethylbenzene	2.884	3.180	-10.3	131	0.00
85	T	sec-Butylbenzene	3.329	3.707	-11.4	133	0.00
86	T	p-Isopropyltoluene	3.118	3.512	-12.6	135	0.00
87	T	1,3-Dichlorobenzene	1.597	1.662	-4.1	129	0.00
88	T	1,4-Dichlorobenzene	1.614	1.695	-5.0	133	0.00
89	T	n-Butylbenzene	2.817	3.184	-13.0	137	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.551	0.592	-7.4	129	0.00
91 T	1,2-Dichlorobenzene	1.527	1.575	-3.1	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.281	0.279	0.7	122	0.00
93 T	1,2,4-Trichlorobenzene	1.146	1.223	-6.7	131	0.00
94 T	Hexachlorobutadiene	0.512	0.551	-7.6	136	0.00
95 T	Naphthalene	3.614	3.821	-5.7	126	0.00
96 T	1,2,3-Trichlorobenzene	1.103	1.182	-7.2	132	0.00

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