Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX041720\
Data File : VX015731.D
Acq On : 17 Apr 2020 12:32
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 20 02:23:37 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	109	0.00
2	T	Dichlorodifluoromethane	0.441	0.399	9.5	122	0.00
3	P	Chloromethane	0.561	0.500	10.9	90	0.00
4	C	Vinyl Chloride	0.515	0.508	1.4#	114	0.00
5	T	Bromomethane	0.259	0.228	12.0	93	0.00
6	T	Chloroethane	0.319	0.321	-0.6	109	0.00
7	T	Trichlorofluoromethane	0.691	0.726	-5.1	135	0.00
8	T	Diethyl Ether	0.291	0.297	-2.1	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.450	0.493	-9.6	148	0.00
10	T	Methyl Iodide	0.607	0.590	2.8	89	0.00
11	T	Tert butyl alcohol	0.169	0.131	22.5#	75	0.00
12	CM	1,1-Dichloroethene	0.472	0.463	1.9#	111	0.00
13	T	Acrolein	0.096	0.116	-20.8#	119	0.00
14	T	Allyl chloride	1.103	1.029	6.7	94	0.00
15	T	Acrylonitrile	0.322	0.305	5.3	88	0.00
16	T	Acetone	0.303	0.290	4.3	91	0.00
17	T	Carbon Disulfide	1.440	1.198	16.8	94	0.00
18	T	Methyl Acetate	0.773	0.756	2.2	91	0.00
19	T	Methyl tert-butyl Ether	1.831	1.786	2.5	92	0.00
20	T	Methylene Chloride	0.566	0.542	4.2	96	0.00
21	T	trans-1,2-Dichloroethene	0.524	0.515	1.7	103	0.00
22	T	Diisopropyl ether	1.954	1.952	0.1	95	0.00
23	T	Vinyl Acetate	1.770	1.683	4.9	88	0.00
24	P	1,1-Dichloroethane	1.029	0.989	3.9	98	0.00
25	T	2-Butanone	0.487	0.444	8.8	85	0.00
26	T	2,2-Dichloropropane	0.845	0.898	-6.3	115	0.00
27	T	cis-1,2-Dichloroethene	0.606	0.607	-0.2	99	0.00
28	T	Bromochloromethane	0.491	0.460	6.3	88	0.00
29	T	Tetrahydrofuran	0.313	0.280	10.5	83	0.00
30	C	Chloroform	0.990	0.980	1.0#	98	-0.01
31	T	Cyclohexane	0.893	0.887	0.7	131	0.00
32	T	1,1,1-Trichloroethane	0.896	0.892	0.4	108	0.00
33	S	1,2-Dichloroethane-d4	0.705	0.616	12.6	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.320	0.334	-4.4	95	-0.01
36	T	1,1-Dichloropropene	0.461	0.504	-9.3	112	0.00
37	T	Ethyl Acetate	0.600	0.583	2.8	82	-0.01
38	T	Carbon Tetrachloride	0.499	0.534	-7.0	113	0.00
39	T	Methylcyclohexane	0.531	0.615	-15.8	147	0.00
40	TM	Benzene	1.350	1.466	-8.6	99	0.00
41	T	Methacrylonitrile	0.333	0.340	-2.1	84	0.00
42	TM	1,2-Dichloroethane	0.542	0.571	-5.4	90	0.00
43	T	Isopropyl Acetate	1.013	1.013	0.0	84	0.00
44	TM	Trichloroethene	0.368	0.422	-14.7	110	0.00
45	C	1,2-Dichloropropane	0.369	0.397	-7.6#	96	0.00

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Quant Time: Apr 20 02:23:37 2020
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	0.259	-7.0	93	0.00
47	T	Bromodichloromethane	0.516	0.551	-6.8	92	0.00
48	T	Methyl methacrylate	0.506	0.506	0.0	84	0.00
49	T	1,4-Dioxane	0.009	0.009	0.0	84	0.00
50	S	Toluene-d8	1.177	1.250	-6.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.574	0.594	-3.5	86	0.00
52	CM	Toluene	0.832	0.957	-15.0#	104	0.00
53	T	t-1,3-Dichloropropene	0.605	0.628	-3.8	90	0.00
54	T	cis-1,3-Dichloropropene	0.616	0.674	-9.4	95	0.00
55	T	1,1,2-Trichloroethane	0.341	0.387	-13.5	97	0.00
56	T	Ethyl methacrylate	0.601	0.636	-5.8	90	0.00
57	T	1,3-Dichloropropane	0.614	0.667	-8.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.292	0.296	-1.4	86	0.00
59	T	2-Hexanone	0.433	0.457	-5.5	87	0.00
60	T	Dibromochloromethane	0.410	0.457	-11.5	94	0.00
61	T	1,2-Dibromoethane	0.371	0.404	-8.9	93	0.00
62	S	4-Bromofluorobenzene	0.478	0.504	-5.4	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.377	0.437	-15.9	117	0.00
65	PM	Chlorobenzene	0.997	1.158	-16.1	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.441	-10.8	97	0.00
67	C	Ethyl Benzene	1.769	2.012	-13.7#	106	0.00
68	T	m/p-Xylenes	0.659	0.773	-17.3	109	0.00
69	T	o-Xylene	0.651	0.749	-15.1	103	0.00
70	T	Styrene	1.145	1.322	-15.5	104	0.00
71	P	Bromoform	0.363	0.378	-4.1	89	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.276	3.706	-13.1	114	0.00
74	T	N-amyl acetate	1.822	1.755	3.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	1.124	1.162	-3.4	94	0.00
76	T	1,2,3-Trichloropropane	1.028	1.091	-6.1	93	0.00
77	T	Bromobenzene	0.874	0.964	-10.3	101	0.00
78	T	n-propylbenzene	3.746	4.225	-12.8	112	0.00
79	T	2-Chlorotoluene	2.296	2.499	-8.8	103	0.00
80	T	1,3,5-Trimethylbenzene	2.798	3.181	-13.7	111	0.00
81	T	trans-1,4-Dichloro-2-butene	0.429	0.417	2.8	85	0.00
82	T	4-Chlorotoluene	2.692	2.974	-10.5	105	0.00
83	T	tert-Butylbenzene	2.733	3.221	-17.9	118	0.00
84	T	1,2,4-Trimethylbenzene	2.851	3.233	-13.4	108	0.00
85	T	sec-Butylbenzene	3.161	3.674	-16.2	123	0.00
86	T	p-Isopropyltoluene	2.934	3.474	-18.4	120	0.00
87	T	1,3-Dichlorobenzene	1.564	1.771	-13.2	107	0.00
88	T	1,4-Dichlorobenzene	1.593	1.828	-14.8	108	0.00
89	T	n-Butylbenzene	2.652	3.097	-16.8	122	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	0.603	-5.6	106	0.00
91 T	1,2-Dichlorobenzene	1.531	1.788	-16.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.317	0.278	12.3	83	0.00
93 T	1,2,4-Trichlorobenzene	1.211	1.414	-16.8	111	0.00
94 T	Hexachlorobutadiene	0.577	0.668	-15.8	133	0.00
95 T	Naphthalene	3.694	4.050	-9.6	98	0.00
96 T	1,2,3-Trichlorobenzene	1.166	1.414	-21.3#	110	0.00

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