Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv020420\
Data File : VY001497.D
Acq On : 04 Feb 2020 19:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Feb 05 06:03:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	0.489	0.513	-4.9	100	0.00
3	P	Chloromethane	0.512	0.541	-5.7	104	0.00
4	C	Vinyl Chloride	0.531	0.559	-5.3#	101	0.00
5	T	Bromomethane	0.334	0.361	-8.1	103	0.00
6	T	Chloroethane	0.320	0.340	-6.3	102	0.00
7	T	Trichlorofluoromethane	0.879	0.918	-4.4	102	0.00
8	T	Diethyl Ether	0.297	0.336	-13.1	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.529	0.559	-5.7	102	0.00
10	T	Methyl Iodide	0.674	0.722	-7.1	100	0.00
11	T	Tert butyl alcohol	0.077	0.068	11.7	132	0.00
12	CM	1,1-Dichloroethene	0.526	0.552	-4.9#	101	0.00
13	T	Acrolein	0.048	0.055	-14.6	121	0.00
14	T	Allyl chloride	0.804	0.865	-7.6	106	0.00
15	T	Acrylonitrile	0.136	0.164	-20.6	124	0.00
16	T	Acetone	0.146	0.174	-19.2	120	0.00
17	T	Carbon Disulfide	1.673	1.772	-5.9	102	0.00
18	T	Methyl Acetate	0.311	0.369	-18.6	127	0.00
19	T	Methyl tert-butyl Ether	1.398	1.614	-15.5	116	0.00
20	T	Methylene Chloride	0.655	0.633	3.4	105	0.00
21	T	trans-1,2-Dichloroethene	0.584	0.623	-6.7	105	0.00
22	T	Diisopropyl ether	1.593	1.772	-11.2	109	0.00
23	T	Vinyl Acetate	1.014	1.149	-13.3	112	0.00
24	P	1,1-Dichloroethane	0.958	1.039	-8.5	106	0.00
25	T	2-Butanone	0.189	0.234	-23.8	127	0.00
26	T	2,2-Dichloropropane	0.917	0.917	0.0	101	0.00
27	T	cis-1,2-Dichloroethene	0.638	0.691	-8.3	107	0.00
28	T	Bromochloromethane	0.326	0.401	-23.0	110	0.00
29	T	Tetrahydrofuran	0.113	0.143	-26.5#	131	0.00
30	C	Chloroform	0.971	1.066	-9.8#	107	0.00
31	T	Cyclohexane	0.980	0.994	-1.4	103	0.00
32	T	1,1,1-Trichloroethane	0.880	0.943	-7.2	104	0.00
33	S	1,2-Dichloroethane-d4	0.503	0.565	-12.3	112	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35	S	Dibromofluoromethane	0.288	0.302	-4.9	109	0.00
36	T	1,1-Dichloropropene	0.457	0.479	-4.8	103	0.00
37	T	Ethyl Acetate	0.221	0.272	-23.1	130	0.00
38	T	Carbon Tetrachloride	0.443	0.462	-4.3	102	0.00
39	T	Methylcyclohexane	0.602	0.625	-3.8	101	0.00
40	TM	Benzene	1.305	1.391	-6.6	106	0.00
41	T	Methacrylonitrile	0.103	0.130	-26.2#	114	0.00
42	TM	1,2-Dichloroethane	0.363	0.402	-10.7	114	0.00
43	T	Isopropyl Acetate	0.438	0.531	-21.2	126	0.00
44	TM	Trichloroethene	0.352	0.369	-4.8	105	0.00
45	C	1,2-Dichloropropane	0.315	0.342	-8.6#	109	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.177	0.197	-11.3	113	0.00
47	T	Bromodichloromethane	0.431	0.475	-10.2	109	0.00
48	T	Methyl methacrylate	0.199	0.236	-18.6	123	0.00
49	T	1,4-Dioxane	0.002	0.003	-50.0#	134	0.00
50	S	Toluene-d8	1.091	1.177	-7.9	105	0.00
51	T	4-Methyl-2-Pentanone	0.216	0.267	-23.6	130	0.00
52	CM	Toluene	0.828	0.871	-5.2#	105	0.00
53	T	t-1,3-Dichloropropene	0.469	0.520	-10.9	111	0.00
54	T	cis-1,3-Dichloropropene	0.539	0.587	-8.9	108	0.00
55	T	1,1,2-Trichloroethane	0.254	0.286	-12.6	114	0.00
56	T	Ethyl methacrylate	0.361	0.428	-18.6	120	0.00
57	T	1,3-Dichloropropane	0.447	0.494	-10.5	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.133	0.152	-14.3	116	0.00
59	T	2-Hexanone	0.157	0.200	-27.4#	131	0.00
60	T	Dibromochloromethane	0.299	0.337	-12.7	112	0.00
61	T	1,2-Dibromoethane	0.250	0.284	-13.6	115	0.00
62	S	4-Bromofluorobenzene	0.430	0.444	-3.3	108	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.328	0.386	-17.7	119	0.00
65	PM	Chlorobenzene	0.982	1.034	-5.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.344	0.361	-4.9	106	0.00
67	C	Ethyl Benzene	1.815	1.885	-3.9#	104	0.00
68	T	m/p-Xylenes	0.681	0.702	-3.1	104	0.00
69	T	o-Xylene	0.643	0.680	-5.8	106	0.00
70	T	Styrene	1.111	1.178	-6.0	106	0.00
71	P	Bromoform	0.191	0.222	-16.2	116	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.813	3.876	-1.7	104	0.00
74	T	N-amyl acetate	0.991	1.200	-21.1	128	0.00
75	P	1,1,2,2-Tetrachloroethane	0.725	0.834	-15.0	122	0.00
76	T	1,2,3-Trichloropropane	0.538	0.557	-3.5	110	0.00
77	T	Bromobenzene	0.825	0.865	-4.8	107	0.00
78	T	n-propylbenzene	4.565	4.637	-1.6	104	0.00
79	T	2-Chlorotoluene	2.602	2.690	-3.4	107	0.00
80	T	1,3,5-Trimethylbenzene	3.212	3.305	-2.9	106	0.00
81	T	trans-1,4-Dichloro-2-butene	0.278	0.317	-14.0	121	0.00
82	T	4-Chlorotoluene	2.728	2.808	-2.9	106	0.00
83	T	tert-Butylbenzene	2.715	2.731	-0.6	102	0.00
84	T	1,2,4-Trimethylbenzene	3.179	3.263	-2.6	106	0.00
85	T	sec-Butylbenzene	3.817	3.902	-2.2	104	0.00
86	T	p-Isopropyltoluene	3.363	3.448	-2.5	105	0.00
87	T	1,3-Dichlorobenzene	1.582	1.624	-2.7	107	0.00
88	T	1,4-Dichlorobenzene	1.584	1.659	-4.7	109	0.00
89	T	n-Butylbenzene	3.319	3.450	-3.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.646	0.691	-7.0	109	0.00
91 T	1,2-Dichlorobenzene	1.433	1.526	-6.5	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.134	0.158	-17.9	130	0.00
93 T	1,2,4-Trichlorobenzene	0.966	1.039	-7.6	113	0.00
94 T	Hexachlorobutadiene	0.490	0.509	-3.9	108	0.00
95 T	Naphthalene	2.270	2.525	-11.2	125	0.00
96 T	1,2,3-Trichlorobenzene	0.853	0.924	-8.3	117	0.00

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