Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032020\
Data File : VY002039.D
Acq On : 20 Mar 2020 16:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Mar 20 17:06:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 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	87	-0.02
2	T	Dichlorodifluoromethane	0.462	0.402	13.0	78	0.00
3	P	Chloromethane	0.622	0.577	7.2	82	0.00
4	C	Vinyl Chloride	0.633	0.601	5.1#	81	-0.01
5	T	Bromomethane	0.420	0.405	3.6	85	-0.01
6	T	Chloroethane	0.398	0.407	-2.3	87	-0.01
7	T	Trichlorofluoromethane	0.858	0.859	-0.1	87	-0.01
8	T	Diethyl Ether	0.338	0.359	-6.2	91	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.552	0.564	-2.2	89	-0.01
10	T	Methyl Iodide	0.638	0.678	-6.3	84	-0.02
11	T	Tert butyl alcohol	0.065	0.064	1.5	96	-0.04
12	CM	1,1-Dichloroethene	0.556	0.561	-0.9#	86	-0.02
13	T	Acrolein	0.075	0.057	24.0	71	-0.01
14	T	Allyl chloride	0.986	1.054	-6.9	90	-0.02
15	T	Acrylonitrile	0.181	0.187	-3.3	88	-0.02
16	T	Acetone	0.155	0.136	12.3	74	-0.02
17	T	Carbon Disulfide	1.869	1.697	9.2	77	-0.02
18	T	Methyl Acetate	0.399	0.410	-2.8	87	-0.03
19	T	Methyl tert-butyl Ether	1.506	1.622	-7.7	91	-0.02
20	T	Methylene Chloride	0.666	0.672	-0.9	91	-0.03
21	T	trans-1,2-Dichloroethene	0.631	0.650	-3.0	88	-0.02
22	T	Diisopropyl ether	2.020	2.242	-11.0	94	-0.02
23	T	Vinyl Acetate	1.324	1.433	-8.2	91	-0.02
24	P	1,1-Dichloroethane	1.094	1.177	-7.6	92	-0.02
25	T	2-Butanone	0.236	0.236	0.0	84	-0.02
26	T	2,2-Dichloropropane	0.898	0.966	-7.6	93	-0.02
27	T	cis-1,2-Dichloroethene	0.686	0.739	-7.7	91	-0.02
28	T	Bromochloromethane	0.493	0.529	-7.3	91	-0.02
29	T	Tetrahydrofuran	0.157	0.159	-1.3	86	-0.02
30	C	Chloroform	1.028	1.134	-10.3#	94	-0.02
31	T	Cyclohexane	1.173	1.131	3.6	86	-0.02
32	T	1,1,1-Trichloroethane	0.866	0.953	-10.0	93	-0.02
33	S	1,2-Dichloroethane-d4	0.534	0.558	-4.5	94	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	-0.02
35	S	Dibromofluoromethane	0.273	0.285	-4.4	94	-0.02
36	T	1,1-Dichloropropene	0.481	0.493	-2.5	88	-0.02
37	T	Ethyl Acetate	0.280	0.286	-2.1	86	-0.02
38	T	Carbon Tetrachloride	0.411	0.435	-5.8	91	-0.02
39	T	Methylcyclohexane	0.638	0.638	0.0	87	-0.02
40	TM	Benzene	1.426	1.492	-4.6	90	-0.02
41	T	Methacrylonitrile	0.126	0.174	-38.1#	122	-0.01
42	TM	1,2-Dichloroethane	0.367	0.397	-8.2	92	-0.02
43	T	Isopropyl Acetate	0.529	0.554	-4.7	89	-0.02
44	TM	Trichloroethene	0.347	0.359	-3.5	90	-0.02
45	C	1,2-Dichloropropane	0.359	0.394	-9.7#	94	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.185	0.194	-4.9	91	-0.02
47	T	Bromodichloromethane	0.430	0.479	-11.4	95	-0.02
48	T	Methyl methacrylate	0.235	0.251	-6.8	87	-0.01
49	T	1,4-Dioxane	0.003	0.002	33.3#	83	-0.02
50	S	Toluene-d8	1.151	1.170	-1.7	91	-0.01
51	T	4-Methyl-2-Pentanone	0.273	0.291	-6.6	90	-0.01
52	CM	Toluene	0.866	0.922	-6.5#	92	-0.01
53	T	t-1,3-Dichloropropene	0.468	0.524	-12.0	93	-0.01
54	T	cis-1,3-Dichloropropene	0.557	0.610	-9.5	92	-0.01
55	T	1,1,2-Trichloroethane	0.270	0.286	-5.9	91	-0.01
56	T	Ethyl methacrylate	0.396	0.431	-8.8	90	-0.01
57	T	1,3-Dichloropropane	0.482	0.518	-7.5	93	-0.01
58	T	2-Chloroethyl Vinyl ether	0.157	0.143	8.9	90	-0.01
59	T	2-Hexanone	0.195	0.196	-0.5	84	-0.01
60	T	Dibromochloromethane	0.285	0.320	-12.3	94	-0.01
61	T	1,2-Dibromoethane	0.256	0.272	-6.3	92	-0.01
62	S	4-Bromofluorobenzene	0.400	0.417	-4.2	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.01
64	T	Tetrachloroethene	0.314	0.327	-4.1	93	-0.01
65	PM	Chlorobenzene	0.996	1.050	-5.4	91	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.327	0.364	-11.3	95	-0.01
67	C	Ethyl Benzene	1.858	1.976	-6.4#	92	0.00
68	T	m/p-Xylenes	0.687	0.733	-6.7	92	0.00
69	T	o-Xylene	0.647	0.696	-7.6	93	-0.01
70	T	Styrene	1.109	1.221	-10.1	93	0.00
71	P	Bromoform	0.177	0.197	-11.3	91	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	-0.01
73	T	Isopropylbenzene	3.817	4.026	-5.5	92	0.00
74	T	N-amyl acetate	1.173	1.229	-4.8	90	0.00
75	P	1,1,2,2-Tetrachloroethane	0.823	0.854	-3.8	91	-0.01
76	T	1,2,3-Trichloropropane	0.593	0.641	-8.1	102	0.00
77	T	Bromobenzene	0.809	0.896	-10.8	98	0.00
78	T	n-propylbenzene	4.709	4.972	-5.6	93	0.00
79	T	2-Chlorotoluene	2.602	2.764	-6.2	93	0.00
80	T	1,3,5-Trimethylbenzene	3.142	3.354	-6.7	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.294	0.296	-0.7	86	0.00
82	T	4-Chlorotoluene	2.709	2.902	-7.1	94	0.00
83	T	tert-Butylbenzene	2.610	2.809	-7.6	95	0.00
84	T	1,2,4-Trimethylbenzene	3.118	3.321	-6.5	93	-0.01
85	T	sec-Butylbenzene	3.847	4.119	-7.1	94	-0.01
86	T	p-Isopropyltoluene	3.318	3.568	-7.5	94	-0.01
87	T	1,3-Dichlorobenzene	1.585	1.666	-5.1	93	0.00
88	T	1,4-Dichlorobenzene	1.608	1.693	-5.3	93	0.00
89	T	n-Butylbenzene	3.443	3.658	-6.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.626	0.679	-8.5	95	-0.01
91 T	1,2-Dichlorobenzene	1.440	1.528	-6.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.130	-1.6	91	-0.01
93 T	1,2,4-Trichlorobenzene	0.934	0.975	-4.4	92	-0.01
94 T	Hexachlorobutadiene	0.455	0.489	-7.5	97	-0.01
95 T	Naphthalene	2.215	2.510	-13.3	100	0.00
96 T	1,2,3-Trichlorobenzene	0.822	0.867	-5.5	94	0.00

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