Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv033120\
Data File : VY002122.D
Acq On : 31 Mar 2020 10:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Mar 31 15:05:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 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	102	0.02
2	T	Dichlorodifluoromethane	0.396	0.299	24.5	101	0.01
3	P	Chloromethane	0.584	0.524	10.3	102	0.01
4	C	Vinyl Chloride	0.594	0.542	8.8#	99	0.02
5	T	Bromomethane	0.388	0.377	2.8	102	0.02
6	T	Chloroethane	0.382	0.359	6.0	98	0.02
7	T	Trichlorofluoromethane	0.814	0.782	3.9	103	0.02
8	T	Diethyl Ether	0.345	0.318	7.8	99	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.534	0.517	3.2	103	0.02
10	T	Methyl Iodide	0.635	0.608	4.3	94	0.02
11	T	Tert butyl alcohol	0.065	0.056	13.8	102	0.02
12	CM	1,1-Dichloroethene	0.543	0.522	3.9#	100	0.02
13	T	Acrolein	0.081	0.093	-14.8	108	0.02
14	T	Allyl chloride	0.993	0.956	3.7	97	0.02
15	T	Acrylonitrile	0.181	0.159	12.2	91	0.02
16	T	Acetone	0.155	0.151	2.6	101	0.02
17	T	Carbon Disulfide	1.801	1.731	3.9	100	0.02
18	T	Methyl Acetate	0.403	0.337	16.4	89	0.02
19	T	Methyl tert-butyl Ether	1.514	1.406	7.1	96	0.02
20	T	Methylene Chloride	0.765	0.606	20.8	100	0.03
21	T	trans-1,2-Dichloroethene	0.618	0.602	2.6	100	0.02
22	T	Diisopropyl ether	2.033	1.920	5.6	95	0.02
23	T	Vinyl Acetate	1.333	1.222	8.3	92	0.02
24	P	1,1-Dichloroethane	1.081	1.055	2.4	99	0.02
25	T	2-Butanone	0.238	0.214	10.1	93	0.01
26	T	2,2-Dichloropropane	0.890	0.894	-0.4	102	0.02
27	T	cis-1,2-Dichloroethene	0.680	0.670	1.5	100	0.02
28	T	Bromochloromethane	0.493	0.480	2.6	92	0.02
29	T	Tetrahydrofuran	0.156	0.131	16.0	86	0.02
30	C	Chloroform	1.024	0.996	2.7#	99	0.01
31	T	Cyclohexane	1.152	1.053	8.6	98	0.02
32	T	1,1,1-Trichloroethane	0.855	0.853	0.2	100	0.02
33	S	1,2-Dichloroethane-d4	0.553	0.535	3.3	100	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.01
35	S	Dibromofluoromethane	0.280	0.291	-3.9	104	0.02
36	T	1,1-Dichloropropene	0.473	0.468	1.1	98	0.01
37	T	Ethyl Acetate	0.286	0.250	12.6	91	0.02
38	T	Carbon Tetrachloride	0.401	0.416	-3.7	102	0.01
39	T	Methylcyclohexane	0.620	0.618	0.3	99	0.01
40	TM	Benzene	1.401	1.400	0.1	99	0.02
41	T	Methacrylonitrile	0.145	0.159	-9.7	110	0.03
42	TM	1,2-Dichloroethane	0.372	0.357	4.0	96	0.01
43	T	Isopropyl Acetate	0.530	0.478	9.8	90	0.01
44	TM	Trichloroethene	0.338	0.340	-0.6	99	0.01
45	C	1,2-Dichloropropane	0.357	0.358	-0.3#	98	0.01

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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	0.183	0.177	3.3	96	0.01
47	T	Bromodichloromethane	0.426	0.431	-1.2	98	0.01
48	T	Methyl methacrylate	0.238	0.219	8.0	93	0.01
49	T	1,4-Dioxane	0.003	0.002	33.3#	84	0.01
50	S	Toluene-d8	1.164	1.210	-4.0	102	0.01
51	T	4-Methyl-2-Pentanone	0.273	0.248	9.2	91	0.00
52	CM	Toluene	0.847	0.862	-1.8#	101	0.01
53	T	t-1,3-Dichloropropene	0.473	0.475	-0.4	97	0.01
54	T	cis-1,3-Dichloropropene	0.557	0.564	-1.3	98	0.01
55	T	1,1,2-Trichloroethane	0.271	0.259	4.4	94	0.01
56	T	Ethyl methacrylate	0.396	0.374	5.6	93	0.01
57	T	1,3-Dichloropropane	0.479	0.465	2.9	96	0.01
58	T	2-Chloroethyl Vinyl ether	0.203	0.193	4.9	96	0.00
59	T	2-Hexanone	0.192	0.176	8.3	91	0.01
60	T	Dibromochloromethane	0.284	0.290	-2.1	100	0.01
61	T	1,2-Dibromoethane	0.254	0.247	2.8	97	0.01
62	S	4-Bromofluorobenzene	0.407	0.415	-2.0	99	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.01
64	T	Tetrachloroethene	0.306	0.314	-2.6	101	0.01
65	PM	Chlorobenzene	0.965	0.985	-2.1	99	0.01
66	T	1,1,1,2-Tetrachloroethane	0.323	0.335	-3.7	101	0.00
67	C	Ethyl Benzene	1.793	1.842	-2.7#	98	0.01
68	T	m/p-Xylenes	0.663	0.688	-3.8	100	0.01
69	T	o-Xylene	0.629	0.648	-3.0	100	0.01
70	T	Styrene	1.089	1.122	-3.0	98	0.01
71	P	Bromoform	0.177	0.181	-2.3	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.01
73	T	Isopropylbenzene	3.709	3.877	-4.5	99	0.00
74	T	N-amyl acetate	1.170	1.071	8.5	88	0.01
75	P	1,1,2,2-Tetrachloroethane	0.798	0.769	3.6	92	0.01
76	T	1,2,3-Trichloropropane	0.559	0.538	3.8	88	0.01
77	T	Bromobenzene	0.792	0.831	-4.9	99	0.01
78	T	n-propylbenzene	4.603	4.738	-2.9	98	0.00
79	T	2-Chlorotoluene	2.527	2.614	-3.4	98	0.00
80	T	1,3,5-Trimethylbenzene	3.060	3.198	-4.5	98	0.00
81	T	trans-1,4-Dichloro-2-butene	0.289	0.282	2.4	92	0.00
82	T	4-Chlorotoluene	2.663	2.732	-2.6	97	0.00
83	T	tert-Butylbenzene	2.554	2.720	-6.5	99	0.01
84	T	1,2,4-Trimethylbenzene	3.053	3.165	-3.7	98	0.01
85	T	sec-Butylbenzene	3.783	3.917	-3.5	98	0.01
86	T	p-Isopropyltoluene	3.249	3.398	-4.6	98	0.01
87	T	1,3-Dichlorobenzene	1.549	1.586	-2.4	98	0.00
88	T	1,4-Dichlorobenzene	1.559	1.590	-2.0	97	0.00
89	T	n-Butylbenzene	3.385	3.453	-2.0	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.612	0.651	-6.4	99	0.01
91 T	1,2-Dichlorobenzene	1.430	1.422	0.6	94	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.110	14.1	87	0.01
93 T	1,2,4-Trichlorobenzene	0.922	0.875	5.1	92	0.01
94 T	Hexachlorobutadiene	0.455	0.437	4.0	93	0.01
95 T	Naphthalene	2.190	1.950	11.0	86	0.00
96 T	1,2,3-Trichlorobenzene	0.836	0.759	9.2	89	0.00

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