Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv033120\
Data File : VY002150.D
Acq On : 31 Mar 2020 21:34
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Apr 01 06:55:18 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	92	0.01
2	T	Dichlorodifluoromethane	0.396	0.276	30.3#	84	0.00
3	P	Chloromethane	0.584	0.491	15.9	86	0.00
4	C	Vinyl Chloride	0.594	0.510	14.1#	84	0.01
5	T	Bromomethane	0.388	0.379	2.3	92	0.01
6	T	Chloroethane	0.382	0.352	7.9	86	0.01
7	T	Trichlorofluoromethane	0.814	0.705	13.4	83	0.01
8	T	Diethyl Ether	0.345	0.310	10.1	86	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.534	0.465	12.9	83	0.02
10	T	Methyl Iodide	0.635	0.543	14.5	76	0.02
11	T	Tert butyl alcohol	0.065	0.056	13.8	92	0.01
12	CM	1,1-Dichloroethene	0.543	0.483	11.0#	83	0.02
13	T	Acrolein	0.081	0.084	-3.7	88	0.02
14	T	Allyl chloride	0.993	0.920	7.4	84	0.02
15	T	Acrylonitrile	0.181	0.164	9.4	84	0.02
16	T	Acetone	0.155	0.110	29.0#	66	0.02
17	T	Carbon Disulfide	1.801	1.598	11.3	83	0.02
18	T	Methyl Acetate	0.403	0.352	12.7	83	0.01
19	T	Methyl tert-butyl Ether	1.514	1.416	6.5	86	0.02
20	T	Methylene Chloride	0.765	0.593	22.5	87	0.02
21	T	trans-1,2-Dichloroethene	0.618	0.575	7.0	85	0.02
22	T	Diisopropyl ether	2.033	1.978	2.7	88	0.02
23	T	Vinyl Acetate	1.333	1.262	5.3	85	0.02
24	P	1,1-Dichloroethane	1.081	1.042	3.6	87	0.02
25	T	2-Butanone	0.238	0.200	16.0	78	0.01
26	T	2,2-Dichloropropane	0.890	0.778	12.6	80	0.02
27	T	cis-1,2-Dichloroethene	0.680	0.654	3.8	88	0.02
28	T	Bromochloromethane	0.493	0.496	-0.6	85	0.02
29	T	Tetrahydrofuran	0.156	0.140	10.3	83	0.02
30	C	Chloroform	1.024	0.982	4.1#	87	0.01
31	T	Cyclohexane	1.152	0.991	14.0	83	0.02
32	T	1,1,1-Trichloroethane	0.855	0.801	6.3	85	0.02
33	S	1,2-Dichloroethane-d4	0.553	0.534	3.4	89	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.01
35	S	Dibromofluoromethane	0.280	0.265	5.4	90	0.02
36	T	1,1-Dichloropropene	0.473	0.422	10.8	84	0.01
37	T	Ethyl Acetate	0.286	0.248	13.3	85	0.02
38	T	Carbon Tetrachloride	0.401	0.365	9.0	85	0.01
39	T	Methylcyclohexane	0.620	0.551	11.1	83	0.01
40	TM	Benzene	1.401	1.310	6.5	88	0.02
41	T	Methacrylonitrile	0.145	0.138	4.8	91	0.02
42	TM	1,2-Dichloroethane	0.372	0.346	7.0	88	0.01
43	T	Isopropyl Acetate	0.530	0.474	10.6	85	0.01
44	TM	Trichloroethene	0.338	0.313	7.4	86	0.01
45	C	1,2-Dichloropropane	0.357	0.338	5.3#	88	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	0.171	6.6	88	0.00
47	T	Bromodichloromethane	0.426	0.408	4.2	88	0.01
48	T	Methyl methacrylate	0.238	0.209	12.2	84	0.01
49	T	1,4-Dioxane	0.003	0.002	33.3#	82	0.00
50	S	Toluene-d8	1.164	1.101	5.4	88	0.01
51	T	4-Methyl-2-Pentanone	0.273	0.247	9.5	86	0.00
52	CM	Toluene	0.847	0.801	5.4#	89	0.01
53	T	t-1,3-Dichloropropene	0.473	0.443	6.3	86	0.01
54	T	cis-1,3-Dichloropropene	0.557	0.516	7.4	85	0.01
55	T	1,1,2-Trichloroethane	0.271	0.252	7.0	86	0.00
56	T	Ethyl methacrylate	0.396	0.363	8.3	86	0.01
57	T	1,3-Dichloropropane	0.479	0.440	8.1	86	0.01
58	T	2-Chloroethyl Vinyl ether	0.203	0.190	6.4	89	0.00
59	T	2-Hexanone	0.192	0.165	14.1	81	0.01
60	T	Dibromochloromethane	0.284	0.268	5.6	87	0.01
61	T	1,2-Dibromoethane	0.254	0.235	7.5	87	0.01
62	S	4-Bromofluorobenzene	0.407	0.392	3.7	89	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.01
64	T	Tetrachloroethene	0.306	0.286	6.5	88	0.01
65	PM	Chlorobenzene	0.965	0.912	5.5	88	0.01
66	T	1,1,1,2-Tetrachloroethane	0.323	0.310	4.0	89	0.00
67	C	Ethyl Benzene	1.793	1.705	4.9#	87	0.00
68	T	m/p-Xylenes	0.663	0.627	5.4	87	0.00
69	T	o-Xylene	0.629	0.599	4.8	88	0.01
70	T	Styrene	1.089	1.051	3.5	88	0.00
71	P	Bromoform	0.177	0.168	5.1	86	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.01
73	T	Isopropylbenzene	3.709	3.512	5.3	87	0.00
74	T	N-amyl acetate	1.170	1.049	10.3	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.798	0.738	7.5	86	0.01
76	T	1,2,3-Trichloropropane	0.559	0.474	15.2	76	0.01
77	T	Bromobenzene	0.792	0.762	3.8	88	0.01
78	T	n-propylbenzene	4.603	4.354	5.4	87	0.00
79	T	2-Chlorotoluene	2.527	2.394	5.3	87	0.00
80	T	1,3,5-Trimethylbenzene	3.060	2.918	4.6	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.289	0.259	10.4	82	0.00
82	T	4-Chlorotoluene	2.663	2.491	6.5	86	0.00
83	T	tert-Butylbenzene	2.554	2.394	6.3	85	0.00
84	T	1,2,4-Trimethylbenzene	3.053	2.906	4.8	87	0.01
85	T	sec-Butylbenzene	3.783	3.563	5.8	86	0.01
86	T	p-Isopropyltoluene	3.249	3.072	5.4	86	0.00
87	T	1,3-Dichlorobenzene	1.549	1.459	5.8	88	0.00
88	T	1,4-Dichlorobenzene	1.559	1.469	5.8	87	0.00
89	T	n-Butylbenzene	3.385	3.122	7.8	85	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.612	0.584	4.6	87	0.00
91 T	1,2-Dichlorobenzene	1.430	1.339	6.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.109	14.8	84	0.01
93 T	1,2,4-Trichlorobenzene	0.922	0.837	9.2	86	0.00
94 T	Hexachlorobutadiene	0.455	0.398	12.5	83	0.00
95 T	Naphthalene	2.190	1.963	10.4	85	0.00
96 T	1,2,3-Trichlorobenzene	0.836	0.741	11.4	85	0.00

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