Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv102319\
Data File : VY000400.D
Acq On : 23 Oct 2019 22:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Oct 24 05:34:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
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	25#	0.00
2	T	Dichlorodifluoromethane	0.446	0.298	33.2#	19#	0.00
3	P	Chloromethane	0.611	0.656	-7.4	29#	0.00
4	C	Vinyl Chloride	0.617	0.485	21.4#	21#	0.00
5	T	Bromomethane	0.457	0.359	21.4#	23#	0.00
6	T	Chloroethane	0.398	0.343	13.8	22#	0.00
7	T	Trichlorofluoromethane	0.843	0.748	11.3	23#	0.00
8	T	Diethyl Ether	0.298	0.405	-35.9#	36#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.512	0.480	6.3	24#	0.00
10	T	Methyl Iodide	0.668	0.410	38.6#	14#	0.00
11	T	Tert butyl alcohol	0.055	0.081	-47.3#	37#	-0.01
12	CM	1,1-Dichloroethene	0.505	0.477	5.5#	24#	0.00
13	T	Acrolein	0.065	0.069	-6.2	27#	0.00
14	T	Allyl chloride	0.837	0.871	-4.1	27#	0.00
15	T	Acrylonitrile	0.167	0.251	-50.3#	37#	0.00
16	T	Acetone	0.171	0.223	-30.4#	30#	0.00
17	T	Carbon Disulfide	1.590	1.242	21.9#	21#	0.00
18	T	Methyl Acetate	0.424	0.672	-58.5#	44#	0.00
19	T	Methyl tert-butyl Ether	1.406	2.003	-42.5#	37#	0.00
20	T	Methylene Chloride	0.700	0.714	-2.0	32#	0.00
21	T	trans-1,2-Dichloroethene	0.579	0.568	1.9	26#	0.00
22	T	Diisopropyl ether	1.770	2.279	-28.8#	33#	0.00
23	T	Vinyl Acetate	1.155	1.502	-30.0#	32#	0.00
24	P	1,1-Dichloroethane	0.966	1.097	-13.6	29#	0.00
25	T	2-Butanone	0.241	0.338	-40.2#	34#	0.00
26	T	2,2-Dichloropropane	0.890	0.833	6.4	25#	0.00
27	T	cis-1,2-Dichloroethene	0.627	0.753	-20.1#	31#	0.00
28	T	Bromochloromethane	0.415	0.549	-32.3#	33#	0.00
29	T	Tetrahydrofuran	0.146	0.217	-48.6#	37#	0.00
30	C	Chloroform	0.973	1.175	-20.8#	31#	0.00
31	T	Cyclohexane	1.009	0.822	18.5	22#	0.00
32	T	1,1,1-Trichloroethane	0.865	0.888	-2.7	26#	0.00
33	S	1,2-Dichloroethane-d4	0.527	0.716	-35.9#	34#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	27#	0.00
35	S	Dibromofluoromethane	0.302	0.341	-12.9	31#	0.00
36	T	1,1-Dichloropropene	0.490	0.426	13.1	25#	0.00
37	T	Ethyl Acetate	0.290	0.404	-39.3#	38#	0.00
38	T	Carbon Tetrachloride	0.474	0.429	9.5	25#	0.00
39	T	Methylcyclohexane	0.641	0.532	17.0	23#	0.00
40	TM	Benzene	1.415	1.435	-1.4	29#	0.00
41	T	Methacrylonitrile	0.138	0.198	-43.5#	40#	0.00
42	TM	1,2-Dichloroethane	0.404	0.509	-26.0#	35#	0.00
43	T	Isopropyl Acetate	0.551	0.774	-40.5#	38#	0.00
44	TM	Trichloroethene	0.397	0.398	-0.3	28#	0.00
45	C	1,2-Dichloropropane	0.347	0.407	-17.3#	32#	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.194	0.256	-32.0#	37#	0.00
47	T	Bromodichloromethane	0.457	0.541	-18.4	33#	0.00
48	T	Methyl methacrylate	0.242	0.321	-32.6#	36#	0.00
49	T	1,4-Dioxane	0.003	0.004	-33.3#	41#	0.00
50	S	Toluene-d8	1.160	1.257	-8.4	28#	0.00
51	T	4-Methyl-2-Pentanone	0.284	0.401	-41.2#	37#	0.00
52	CM	Toluene	0.898	0.926	-3.1#	29#	0.00
53	T	t-1,3-Dichloropropene	0.490	0.582	-18.8	32#	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.644	-15.6	31#	0.00
55	T	1,1,2-Trichloroethane	0.282	0.366	-29.8#	37#	0.00
56	T	Ethyl methacrylate	0.402	0.495	-23.1#	33#	0.00
57	T	1,3-Dichloropropane	0.485	0.637	-31.3#	36#	0.00
58	T	2-Chloroethyl Vinyl ether	0.160	0.260	-62.5#	45#	0.00
59	T	2-Hexanone	0.200	0.274	-37.0#	36#	0.00
60	T	Dibromochloromethane	0.313	0.398	-27.2#	35#	0.00
61	T	1,2-Dibromoethane	0.271	0.356	-31.4#	36#	0.00
62	S	4-Bromofluorobenzene	0.441	0.475	-7.7	30#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	30#	0.00
64	T	Tetrachloroethene	0.476	0.466	2.1	29#	0.00
65	PM	Chlorobenzene	1.055	1.104	-4.6	31#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.427	-15.1	34#	0.00
67	C	Ethyl Benzene	1.956	1.858	5.0#	28#	0.00
68	T	m/p-Xylenes	0.748	0.722	3.5	29#	0.00
69	T	o-Xylene	0.713	0.700	1.8	29#	0.00
70	T	Styrene	1.203	1.224	-1.7	30#	0.00
71	P	Bromoform	0.213	0.279	-31.0#	37#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	30#	0.00
73	T	Isopropylbenzene	3.899	3.434	11.9	27#	0.00
74	T	N-amyl acetate	0.957	1.063	-11.1	31#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.732	0.884	-20.8#	37#	0.00
76	T	1,2,3-Trichloropropane	0.615	0.737	-19.8	35#	0.00
77	T	Bromobenzene	0.868	0.945	-8.9	34#	0.00
78	T	n-propylbenzene	4.681	4.081	12.8	27#	0.00
79	T	2-Chlorotoluene	2.585	2.438	5.7	29#	0.00
80	T	1,3,5-Trimethylbenzene	3.269	3.029	7.3	29#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.281	0.317	-12.8	33#	0.00
82	T	4-Chlorotoluene	2.733	2.574	5.8	29#	0.00
83	T	tert-Butylbenzene	2.768	2.512	9.2	28#	0.00
84	T	1,2,4-Trimethylbenzene	3.227	3.069	4.9	29#	0.00
85	T	sec-Butylbenzene	4.005	3.527	11.9	27#	0.00
86	T	p-Isopropyltoluene	3.492	3.168	9.3	27#	0.00
87	T	1,3-Dichlorobenzene	1.709	1.718	-0.5	31#	0.00
88	T	1,4-Dichlorobenzene	1.708	1.733	-1.5	32#	0.00
89	T	n-Butylbenzene	3.450	2.911	15.6	25#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.647	0.592	8.5	27#	0.00
91 T	1,2-Dichlorobenzene	1.547	1.705	-10.2	33#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.139	0.171	-23.0#	38#	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.120	-4.0	33#	0.00
94 T	Hexachlorobutadiene	0.583	0.542	7.0	29#	0.00
95 T	Naphthalene	2.403	2.812	-17.0	36#	0.00
96 T	1,2,3-Trichlorobenzene	0.971	1.088	-12.0	35#	0.00

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