Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101119\
Data File : VY000289.D
Acq On : 11 Oct 2019 22:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Oct 14 08:50:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 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	102	0.00
2	T	Dichlorodifluoromethane	0.446	0.201	54.9#	52	0.00
3	P	Chloromethane	0.611	0.249	59.2#	44#	0.00
4	C	Vinyl Chloride	0.617	0.254	58.8#	44#	0.00
5	T	Bromomethane	0.457	0.218	52.3#	56	-0.02
6	T	Chloroethane	0.398	0.167	58.0#	44#	0.00
7	T	Trichlorofluoromethane	0.843	0.352	58.2#	44#	0.00
8	T	Diethyl Ether	0.298	0.147	50.7#	52	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.512	0.214	58.2#	44#	0.00
10	T	Methyl Iodide	0.668	0.215	67.8#	29#	0.00
11	T	Tert butyl alcohol	0.055	0.025	54.5#	46#	0.00
12	CM	1,1-Dichloroethene	0.505	0.212	58.0#	44#	0.00
13	T	Acrolein	0.065	0.026	60.0#	41#	-0.01
14	T	Allyl chloride	0.837	0.371	55.7#	47#	0.00
15	T	Acrylonitrile	0.167	0.074	55.7#	44#	0.00
16	T	Acetone	0.171	0.061	64.3#	33#	0.00
17	T	Carbon Disulfide	1.590	0.658	58.6#	44#	-0.01
18	T	Methyl Acetate	0.424	0.209	50.7#	54	0.00
19	T	Methyl tert-butyl Ether	1.406	0.660	53.1#	49#	0.00
20	T	Methylene Chloride	0.700	0.269	61.6#	48#	0.00
21	T	trans-1,2-Dichloroethene	0.579	0.249	57.0#	45#	0.00
22	T	Diisopropyl ether	1.770	0.822	53.6#	48#	0.00
23	T	Vinyl Acetate	1.155	0.512	55.7#	44#	0.00
24	P	1,1-Dichloroethane	0.966	0.437	54.8#	47#	0.00
25	T	2-Butanone	0.241	0.102	57.7#	41#	0.00
26	T	2,2-Dichloropropane	0.890	0.354	60.2#	42#	0.00
27	T	cis-1,2-Dichloroethene	0.627	0.294	53.1#	49#	-0.01
28	T	Bromochloromethane	0.415	0.179	56.9#	43#	-0.01
29	T	Tetrahydrofuran	0.146	0.066	54.8#	45#	0.00
30	C	Chloroform	0.973	0.431	55.7#	45#	0.00
31	T	Cyclohexane	1.009	0.415	58.9#	44#	0.00
32	T	1,1,1-Trichloroethane	0.865	0.365	57.8#	43#	0.00
33	S	1,2-Dichloroethane-d4	0.527	0.604	-14.6	114	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.302	0.297	1.7	109	0.00
36	T	1,1-Dichloropropene	0.490	0.185	62.2#	43#	0.00
37	T	Ethyl Acetate	0.290	0.114	60.7#	43#	0.00
38	T	Carbon Tetrachloride	0.474	0.179	62.2#	42#	0.00
39	T	Methylcyclohexane	0.641	0.245	61.8#	43#	0.00
40	TM	Benzene	1.415	0.574	59.4#	46#	0.00
41	T	Methacrylonitrile	0.138	0.051	63.0#	41#	0.00
42	TM	1,2-Dichloroethane	0.404	0.173	57.2#	48#	0.00
43	T	Isopropyl Acetate	0.551	0.230	58.3#	45#	0.00
44	TM	Trichloroethene	0.397	0.158	60.2#	44#	0.00
45	C	1,2-Dichloropropane	0.347	0.146	57.9#	47#	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	0.082	57.7#	47#	0.00
47	T	Bromodichloromethane	0.457	0.192	58.0#	46#	0.00
48	T	Methyl methacrylate	0.242	0.101	58.3#	45#	0.00
49	T	1,4-Dioxane	0.003	0.001	66.7#	43#	0.00
50	S	Toluene-d8	1.160	1.176	-1.4	105	0.00
51	T	4-Methyl-2-Pentanone	0.284	0.123	56.7#	46#	0.00
52	CM	Toluene	0.898	0.357	60.2#	45#	0.00
53	T	t-1,3-Dichloropropene	0.490	0.204	58.4#	46#	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.231	58.5#	45#	0.00
55	T	1,1,2-Trichloroethane	0.282	0.115	59.2#	46#	0.00
56	T	Ethyl methacrylate	0.402	0.171	57.5#	45#	0.00
57	T	1,3-Dichloropropane	0.485	0.212	56.3#	48#	0.00
58	T	2-Chloroethyl Vinyl ether	0.160	0.083	48.1#	57	0.00
59	T	2-Hexanone	0.200	0.083	58.5#	43#	0.00
60	T	Dibromochloromethane	0.313	0.129	58.8#	45#	0.00
61	T	1,2-Dibromoethane	0.271	0.114	57.9#	46#	0.00
62	S	4-Bromofluorobenzene	0.441	0.432	2.0	109	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64	T	Tetrachloroethene	0.476	0.192	59.7#	46#	0.00
65	PM	Chlorobenzene	1.055	0.425	59.7#	46#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.152	59.0#	46#	0.00
67	C	Ethyl Benzene	1.956	0.768	60.7#	44#	0.00
68	T	m/p-Xylenes	0.748	0.292	61.0#	44#	0.00
69	T	o-Xylene	0.713	0.281	60.6#	45#	0.00
70	T	Styrene	1.203	0.478	60.3#	44#	0.00
71	P	Bromoform	0.213	0.089	58.2#	44#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73	T	Isopropylbenzene	3.899	1.534	60.7#	43#	0.00
74	T	N-amyl acetate	0.957	0.424	55.7#	44#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.732	0.296	59.6#	44#	0.00
76	T	1,2,3-Trichloropropane	0.615	0.207	66.3#	35#	0.00
77	T	Bromobenzene	0.868	0.355	59.1#	46#	0.00
78	T	n-propylbenzene	4.681	1.834	60.8#	43#	0.00
79	T	2-Chlorotoluene	2.585	1.056	59.1#	45#	0.00
80	T	1,3,5-Trimethylbenzene	3.269	1.299	60.3#	43#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.281	0.098	65.1#	36#	0.00
82	T	4-Chlorotoluene	2.733	1.097	59.9#	44#	0.00
83	T	tert-Butylbenzene	2.768	1.079	61.0#	43#	0.00
84	T	1,2,4-Trimethylbenzene	3.227	1.301	59.7#	44#	0.00
85	T	sec-Butylbenzene	4.005	1.577	60.6#	42#	0.00
86	T	p-Isopropyltoluene	3.492	1.366	60.9#	42#	0.00
87	T	1,3-Dichlorobenzene	1.709	0.678	60.3#	44#	0.00
88	T	1,4-Dichlorobenzene	1.708	0.677	60.4#	44#	0.00
89	T	n-Butylbenzene	3.450	1.309	62.1#	40#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.647	0.255	60.6#	42#	0.00
91 T	1,2-Dichlorobenzene	1.547	0.636	58.9#	44#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.139	0.058	58.3#	45#	0.00
93 T	1,2,4-Trichlorobenzene	1.077	0.428	60.3#	45#	0.00
94 T	Hexachlorobutadiene	0.583	0.216	63.0#	41#	0.00
95 T	Naphthalene	2.403	1.418	41.0#	65	0.00
96 T	1,2,3-Trichlorobenzene	0.971	0.391	59.7#	45#	0.00

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