Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv091819\
Data File : VY000068.D
Acq On : 18 Sep 2019 18:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Sep 19 05:13:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:28:51 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	95	0.00
2	T	Dichlorodifluoromethane	0.391	0.337	13.8	86	0.00
3	P	Chloromethane	0.573	0.421	26.5#	84	0.00
4	C	Vinyl Chloride	0.558	0.478	14.3#	85	0.00
5	T	Bromomethane	0.363	0.320	11.8	86	0.00
6	T	Chloroethane	0.374	0.339	9.4	89	0.00
7	T	Trichlorofluoromethane	0.771	0.711	7.8	88	0.00
8	T	Diethyl Ether	0.330	0.333	-0.9	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.529	0.508	4.0	89	0.00
10	T	Methyl Iodide	0.550	0.554	-0.7	87	0.00
11	T	Tert butyl alcohol	0.068	0.070	-2.9	90	0.00
12	CM	1,1-Dichloroethene	0.488	0.444	9.0#	86	0.00
13	T	Acrolein	0.040	0.021	47.5#	65	0.00
14	T	Allyl chloride	0.746	0.710	4.8	89	0.00
15	T	Acrylonitrile	0.198	0.211	-6.6	96	0.00
16	T	Acetone	0.134	0.140	-4.5	92	0.00
17	T	Carbon Disulfide	0.950	0.828	12.8	86	0.00
18	T	Methyl Acetate	0.447	0.462	-3.4	101	0.00
19	T	Methyl tert-butyl Ether	1.525	1.614	-5.8	95	0.00
20	T	Methylene Chloride	0.630	0.615	2.4	95	0.00
21	T	trans-1,2-Dichloroethene	0.542	0.509	6.1	89	0.00
22	T	Diisopropyl ether	1.685	1.741	-3.3	95	0.00
23	T	Vinyl Acetate	1.128	1.148	-1.8	92	0.00
24	P	1,1-Dichloroethane	0.997	0.992	0.5	91	-0.01
25	T	2-Butanone	0.243	0.240	1.2	89	0.00
26	T	2,2-Dichloropropane	0.941	0.837	11.1	88	0.00
27	T	cis-1,2-Dichloroethene	0.687	0.683	0.6	94	0.00
28	T	Bromochloromethane	0.462	0.513	-11.0	104	0.00
29	T	Tetrahydrofuran	0.146	0.152	-4.1	94	0.00
30	C	Chloroform	1.029	1.031	-0.2#	91	0.00
31	T	Cyclohexane	0.812	0.709	12.7	91	0.00
32	T	1,1,1-Trichloroethane	0.836	0.821	1.8	92	0.00
33	S	1,2-Dichloroethane-d4	0.575	0.567	1.4	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.303	0.289	4.6	97	0.00
36	T	1,1-Dichloropropene	0.374	0.352	5.9	88	0.00
37	T	Ethyl Acetate	0.249	0.262	-5.2	94	0.00
38	T	Carbon Tetrachloride	0.353	0.343	2.8	88	0.00
39	T	Methylcyclohexane	0.460	0.438	4.8	89	0.00
40	TM	Benzene	1.235	1.241	-0.5	93	0.00
41	T	Methacrylonitrile	0.150	0.108	28.0#	65	-0.01
42	TM	1,2-Dichloroethane	0.327	0.329	-0.6	93	0.00
43	T	Isopropyl Acetate	0.487	0.503	-3.3	93	0.00
44	TM	Trichloroethene	0.315	0.309	1.9	92	0.00
45	C	1,2-Dichloropropane	0.320	0.329	-2.8#	94	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.175	0.184	-5.1	97	0.00
47	T	Bromodichloromethane	0.424	0.454	-7.1	99	0.00
48	T	Methyl methacrylate	0.214	0.227	-6.1	94	0.00
49	T	1,4-Dioxane	0.003	0.003	0.0	90	0.00
50	S	Toluene-d8	1.189	1.200	-0.9	99	0.00
51	T	4-Methyl-2-Pentanone	0.266	0.280	-5.3	93	0.00
52	CM	Toluene	0.785	0.765	2.5#	91	0.00
53	T	t-1,3-Dichloropropene	0.450	0.467	-3.8	95	0.00
54	T	cis-1,3-Dichloropropene	0.519	0.538	-3.7	95	0.00
55	T	1,1,2-Trichloroethane	0.274	0.291	-6.2	93	0.00
56	T	Ethyl methacrylate	0.390	0.415	-6.4	94	0.00
57	T	1,3-Dichloropropane	0.460	0.487	-5.9	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.226	-7.1	96	0.00
59	T	2-Hexanone	0.190	0.199	-4.7	89	0.00
60	T	Dibromochloromethane	0.287	0.307	-7.0	95	0.00
61	T	1,2-Dibromoethane	0.250	0.261	-4.4	94	0.00
62	S	4-Bromofluorobenzene	0.441	0.423	4.1	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.314	0.295	6.1	90	0.00
65	PM	Chlorobenzene	0.989	0.975	1.4	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.334	0.338	-1.2	92	0.00
67	C	Ethyl Benzene	1.765	1.700	3.7#	91	0.00
68	T	m/p-Xylenes	0.672	0.650	3.3	91	0.00
69	T	o-Xylene	0.650	0.632	2.8	92	0.00
70	T	Styrene	1.142	1.133	0.8	92	0.00
71	P	Bromoform	0.194	0.197	-1.5	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	4.030	3.866	4.1	93	0.00
74	T	N-amyl acetate	1.148	1.180	-2.8	95	0.00
75	P	1,1,2,2-Tetrachloroethane	0.949	0.946	0.3	94	0.00
76	T	1,2,3-Trichloropropane	0.703	0.575	18.2	76	0.00
77	T	Bromobenzene	0.841	0.815	3.1	93	0.00
78	T	n-propylbenzene	4.915	4.682	4.7	91	0.00
79	T	2-Chlorotoluene	2.748	2.624	4.5	92	0.00
80	T	1,3,5-Trimethylbenzene	3.338	3.195	4.3	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.366	0.346	5.5	90	0.00
82	T	4-Chlorotoluene	2.841	2.727	4.0	92	0.00
83	T	tert-Butylbenzene	2.856	2.729	4.4	91	0.00
84	T	1,2,4-Trimethylbenzene	3.291	3.212	2.4	92	0.00
85	T	sec-Butylbenzene	4.219	4.023	4.6	91	0.00
86	T	p-Isopropyltoluene	3.576	3.435	3.9	90	0.00
87	T	1,3-Dichlorobenzene	1.669	1.605	3.8	91	0.00
88	T	1,4-Dichlorobenzene	1.677	1.635	2.5	91	0.00
89	T	n-Butylbenzene	3.679	3.543	3.7	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.703	0.713	-1.4	93	0.00
91 T	1,2-Dichlorobenzene	1.568	1.536	2.0	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.169	0.166	1.8	91	0.00
93 T	1,2,4-Trichlorobenzene	0.946	0.967	-2.2	95	0.00
94 T	Hexachlorobutadiene	0.454	0.424	6.6	88	0.00
95 T	Naphthalene	2.686	2.750	-2.4	97	0.00
96 T	1,2,3-Trichlorobenzene	0.903	0.905	-0.2	95	0.00

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