Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012920\
Data File : VY001413.D
Acq On : 29 Jan 2020 10:49
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: Jan 29 15:23:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	50.000	51.473	-2.9	106	0.00
3	P	Chloromethane	50.000	50.084	-0.2	107	0.00
4	C	Vinyl Chloride	50.000	51.360	-2.7#	106	0.00
5	T	Bromomethane	50.000	49.202	1.6	106	0.00
6	T	Chloroethane	50.000	51.975	-4.0	108	0.00
7	T	Trichlorofluoromethane	50.000	53.773	-7.5	112	0.00
8	T	Diethyl Ether	50.000	49.352	1.3	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.552	-11.1	114	-0.01
10	T	Methyl Iodide	50.000	52.412	-4.8	102	0.00
11	T	Tert butyl alcohol	250.000	223.823	10.5	98	-0.01
12	CM	1,1-Dichloroethene	50.000	53.044	-6.1#	111	-0.01
13	T	Acrolein	250.000	280.351	-12.1	126	0.00
14	T	Allyl chloride	50.000	54.046	-8.1	113	0.00
15	T	Acrylonitrile	250.000	248.185	0.7	104	0.00
16	T	Acetone	250.000	295.294	-18.1	117	0.00
17	T	Carbon Disulfide	50.000	49.801	0.4	105	0.00
18	T	Methyl Acetate	50.000	47.510	5.0	105	-0.01
19	T	Methyl tert-butyl Ether	50.000	50.477	-1.0	106	0.00
20	T	Methylene Chloride	50.000	50.899	-1.8	108	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.267	-2.5	108	0.00
22	T	Diisopropyl ether	50.000	52.791	-5.6	111	0.00
23	T	Vinyl Acetate	250.000	257.778	-3.1	107	0.00
24	P	1,1-Dichloroethane	50.000	53.417	-6.8	112	0.00
25	T	2-Butanone	250.000	254.520	-1.8	108	0.00
26	T	2,2-Dichloropropane	50.000	53.101	-6.2	114	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.567	-5.1	110	0.00
28	T	Bromochloromethane	50.000	57.590	-15.2	115	0.00
29	T	Tetrahydrofuran	250.000	241.978	3.2	102	0.00
30	C	Chloroform	50.000	52.585	-5.2#	112	0.00
31	T	Cyclohexane	50.000	51.238	-2.5	111	0.00
32	T	1,1,1-Trichloroethane	50.000	54.174	-8.3	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.017	-4.0	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	52.551	-5.1	108	0.00
36	T	1,1-Dichloropropene	50.000	53.755	-7.5	112	0.00
37	T	Ethyl Acetate	50.000	50.014	-0.0	104	0.00
38	T	Carbon Tetrachloride	50.000	55.192	-10.4	113	0.00
39	T	Methylcyclohexane	50.000	53.495	-7.0	110	0.00
40	TM	Benzene	50.000	53.097	-6.2	110	0.00
41	T	Methacrylonitrile	50.000	49.855	0.3	109	0.00
42	TM	1,2-Dichloroethane	50.000	51.882	-3.8	107	0.00
43	T	Isopropyl Acetate	50.000	51.147	-2.3	104	0.00
44	TM	Trichloroethene	50.000	52.325	-4.7	110	0.00
45	C	1,2-Dichloropropane	50.000	53.843	-7.7#	111	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
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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	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	51.353	-2.7	107	0.00
47	T	Bromodichloromethane	50.000	53.647	-7.3	112	0.00
48	T	Methyl methacrylate	50.000	50.913	-1.8	105	0.00
49	T	1,4-Dioxane	1000.000	1001.739	-0.2	106	0.00
50	S	Toluene-d8	50.000	55.392	-10.8	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.552	0.2	103	0.00
52	CM	Toluene	50.000	53.732	-7.5#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	53.314	-6.6	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.065	-6.1	109	0.00
55	T	1,1,2-Trichloroethane	50.000	52.679	-5.4	108	0.01
56	T	Ethyl methacrylate	50.000	51.599	-3.2	105	0.00
57	T	1,3-Dichloropropane	50.000	52.543	-5.1	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	239.972	4.0	114	0.00
59	T	2-Hexanone	250.000	260.506	-4.2	105	0.00
60	T	Dibromochloromethane	50.000	53.208	-6.4	110	0.00
61	T	1,2-Dibromoethane	50.000	52.730	-5.5	107	0.00
62	S	4-Bromofluorobenzene	50.000	52.016	-4.0	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	51.953	-3.9	110	0.01
65	PM	Chlorobenzene	50.000	53.237	-6.5	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.766	-7.5	110	0.00
67	C	Ethyl Benzene	50.000	53.717	-7.4#	111	0.00
68	T	m/p-Xylenes	100.000	107.231	-7.2	110	0.00
69	T	o-Xylene	50.000	53.533	-7.1	110	0.00
70	T	Styrene	50.000	53.209	-6.4	109	0.00
71	P	Bromoform	50.000	50.292	-0.6	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	55.103	-10.2	111	0.00
74	T	N-amyl acetate	50.000	50.876	-1.8	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.551	-7.1	106	0.00
76	T	1,2,3-Trichloropropane	50.000	53.880	-7.8	108	0.00
77	T	Bromobenzene	50.000	53.484	-7.0	108	0.00
78	T	n-propylbenzene	50.000	55.864	-11.7	112	0.01
79	T	2-Chlorotoluene	50.000	55.172	-10.3	112	0.01
80	T	1,3,5-Trimethylbenzene	50.000	54.735	-9.5	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.973	-7.9	108	0.00
82	T	4-Chlorotoluene	50.000	54.411	-8.8	110	0.00
83	T	tert-Butylbenzene	50.000	55.621	-11.2	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.152	-8.3	110	0.00
85	T	sec-Butylbenzene	50.000	56.593	-13.2	111	0.00
86	T	p-Isopropyltoluene	50.000	55.209	-10.4	110	0.00
87	T	1,3-Dichlorobenzene	50.000	53.695	-7.4	108	0.00
88	T	1,4-Dichlorobenzene	50.000	53.015	-6.0	108	0.00
89	T	n-Butylbenzene	50.000	55.655	-11.3	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.402	-12.8	111	0.00
91 T	1,2-Dichlorobenzene	50.000	53.025	-6.0	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.958	0.1	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.857	0.3	104	0.00
94 T	Hexachlorobutadiene	50.000	51.705	-3.4	106	0.00
95 T	Naphthalene	50.000	49.612	0.8	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.292	1.4	102	0.00

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