Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012920\
Data File : VD064988.D
Acq On : 29 Jan 2020 10:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jan 29 15:43:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	109	0.00
2	T	Dichlorodifluoromethane	50.000	52.406	-4.8	113	0.00
3	P	Chloromethane	50.000	50.255	-0.5	113	0.00
4	C	Vinyl Chloride	50.000	50.572	-1.1#	112	0.00
5	T	Bromomethane	50.000	46.517	7.0	107	0.00
6	T	Chloroethane	50.000	48.678	2.6	108	0.00
7	T	Trichlorofluoromethane	50.000	50.532	-1.1	112	0.00
8	T	Diethyl Ether	50.000	49.761	0.5	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.166	-4.3	116	0.00
10	T	Methyl Iodide	50.000	53.052	-6.1	108	0.00
11	T	Tert butyl alcohol	250.000	223.703	10.5	91	0.00
12	CM	1,1-Dichloroethene	50.000	52.462	-4.9#	118	0.00
13	T	Acrolein	250.000	274.573	-9.8	124	0.00
14	T	Allyl chloride	50.000	53.007	-6.0	117	0.00
15	T	Acrylonitrile	250.000	242.693	2.9	108	0.00
16	T	Acetone	250.000	242.373	3.1	118	0.00
17	T	Carbon Disulfide	50.000	50.783	-1.6	113	0.00
18	T	Methyl Acetate	50.000	46.477	7.0	105	0.00
19	T	Methyl tert-butyl Ether	50.000	50.982	-2.0	110	0.00
20	T	Methylene Chloride	50.000	58.466	-16.9	123	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.398	-2.8	115	0.00
22	T	Diisopropyl ether	50.000	52.640	-5.3	115	0.00
23	T	Vinyl Acetate	250.000	256.406	-2.6	109	0.00
24	P	1,1-Dichloroethane	50.000	52.487	-5.0	117	0.00
25	T	2-Butanone	250.000	246.170	1.5	104	0.00
26	T	2,2-Dichloropropane	50.000	53.985	-8.0	121	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.949	-3.9	116	0.00
28	T	Bromochloromethane	50.000	51.255	-2.5	101	0.00
29	T	Tetrahydrofuran	250.000	235.261	5.9	103	0.00
30	C	Chloroform	50.000	51.711	-3.4#	116	0.00
31	T	Cyclohexane	50.000	49.366	1.3	114	0.00
32	T	1,1,1-Trichloroethane	50.000	52.031	-4.1	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.481	5.0	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	49.617	0.8	101	0.00
36	T	1,1-Dichloropropene	50.000	54.120	-8.2	116	0.00
37	T	Ethyl Acetate	50.000	48.150	3.7	108	0.00
38	T	Carbon Tetrachloride	50.000	54.647	-9.3	116	0.00
39	T	Methylcyclohexane	50.000	54.567	-9.1	114	0.00
40	TM	Benzene	50.000	53.410	-6.8	115	0.00
41	T	Methacrylonitrile	50.000	58.348	-16.7	109	-0.01
42	TM	1,2-Dichloroethane	50.000	51.749	-3.5	112	0.00
43	T	Isopropyl Acetate	50.000	49.538	0.9	107	0.00
44	TM	Trichloroethene	50.000	54.065	-8.1	118	0.00
45	C	1,2-Dichloropropane	50.000	52.806	-5.6#	116	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	50.456	-0.9	112	0.00
47	T	Bromodichloromethane	50.000	53.174	-6.3	115	0.00
48	T	Methyl methacrylate	50.000	50.871	-1.7	106	0.00
49	T	1,4-Dioxane	1000.000	970.538	2.9	101	0.00
50	S	Toluene-d8	50.000	50.481	-1.0	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	245.039	2.0	104	0.00
52	CM	Toluene	50.000	53.973	-7.9#	116	0.00
53	T	t-1,3-Dichloropropene	50.000	52.695	-5.4	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.751	-7.5	114	0.00
55	T	1,1,2-Trichloroethane	50.000	50.238	-0.5	109	0.00
56	T	Ethyl methacrylate	50.000	52.821	-5.6	108	0.00
57	T	1,3-Dichloropropane	50.000	52.487	-5.0	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	238.180	4.7	112	0.00
59	T	2-Hexanone	250.000	263.629	-5.5	108	0.00
60	T	Dibromochloromethane	50.000	50.664	-1.3	110	0.00
61	T	1,2-Dibromoethane	50.000	51.122	-2.2	111	0.00
62	S	4-Bromofluorobenzene	50.000	50.329	-0.7	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	52.850	-5.7	111	0.00
65	PM	Chlorobenzene	50.000	53.432	-6.9	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.887	-7.8	115	0.00
67	C	Ethyl Benzene	50.000	55.482	-11.0#	115	0.00
68	T	m/p-Xylenes	100.000	112.568	-12.6	116	0.00
69	T	o-Xylene	50.000	55.802	-11.6	116	0.00
70	T	Styrene	50.000	55.514	-11.0	113	0.00
71	P	Bromoform	50.000	50.819	-1.6	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	57.589	-15.2	116	0.00
74	T	N-amyl acetate	50.000	50.831	-1.7	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.473	-0.9	106	0.00
76	T	1,2,3-Trichloropropane	50.000	49.420	1.2	94	0.00
77	T	Bromobenzene	50.000	53.560	-7.1	111	0.00
78	T	n-propylbenzene	50.000	56.504	-13.0	115	0.00
79	T	2-Chlorotoluene	50.000	55.642	-11.3	114	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.575	-13.2	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.883	-1.8	105	0.00
82	T	4-Chlorotoluene	50.000	55.062	-10.1	114	0.00
83	T	tert-Butylbenzene	50.000	55.934	-11.9	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.017	-12.0	114	0.00
85	T	sec-Butylbenzene	50.000	55.575	-11.2	114	0.00
86	T	p-Isopropyltoluene	50.000	56.687	-13.4	114	0.00
87	T	1,3-Dichlorobenzene	50.000	54.781	-9.6	115	0.00
88	T	1,4-Dichlorobenzene	50.000	53.014	-6.0	112	0.00
89	T	n-Butylbenzene	50.000	56.184	-12.4	112	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.449	-8.9	112	0.00
91 T	1,2-Dichlorobenzene	50.000	53.075	-6.2	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.783	2.4	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.668	-3.3	107	0.00
94 T	Hexachlorobutadiene	50.000	53.296	-6.6	113	0.00
95 T	Naphthalene	50.000	52.099	-4.2	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.764	-3.5	106	0.00

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