Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD101920\
Data File : VD067311.D
Acq On : 19 Oct 2020 16:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 20 01:56:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	43.063	13.9	89	0.00
3	P	Chloromethane	50.000	44.164	11.7	101	0.00
4	C	Vinyl Chloride	50.000	44.935	10.1#	99	0.00
5	T	Bromomethane	50.000	51.627	-3.3	106	0.00
6	T	Chloroethane	50.000	44.969	10.1	102	0.00
7	T	Trichlorofluoromethane	50.000	45.783	8.4	102	0.00
8	T	Diethyl Ether	50.000	48.882	2.2	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.577	4.8	107	0.00
10	T	Methyl Iodide	50.000	54.697	-9.4	111	0.00
11	T	Tert butyl alcohol	250.000	239.343	4.3	108	-0.01
12	CM	1,1-Dichloroethene	50.000	47.836	4.3#	104	0.00
13	T	Acrolein	250.000	234.644	6.1	96	0.00
14	T	Allyl chloride	50.000	51.297	-2.6	110	0.00
15	T	Acrylonitrile	250.000	259.908	-4.0	116	0.01
16	T	Acetone	250.000	218.953	12.4	100	0.00
17	T	Carbon Disulfide	50.000	45.566	8.9	101	0.00
18	T	Methyl Acetate	50.000	52.254	-4.5	127	0.00
19	T	Methyl tert-butyl Ether	50.000	53.294	-6.6	115	0.00
20	T	Methylene Chloride	50.000	50.850	-1.7	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.602	0.8	109	0.00
22	T	Diisopropyl ether	50.000	54.612	-9.2	116	0.00
23	T	Vinyl Acetate	250.000	282.180	-12.9	115	0.00
24	P	1,1-Dichloroethane	50.000	51.572	-3.1	113	0.00
25	T	2-Butanone	250.000	266.552	-6.6	120	0.00
26	T	2,2-Dichloropropane	50.000	49.171	1.7	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.878	-1.8	110	0.00
28	T	Bromochloromethane	50.000	55.837	-11.7	112	0.00
29	T	Tetrahydrofuran	250.000	281.638	-12.7	121	0.00
30	C	Chloroform	50.000	50.180	-0.4#	109	0.00
31	T	Cyclohexane	50.000	47.244	5.5	109	0.00
32	T	1,1,1-Trichloroethane	50.000	49.316	1.4	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.565	2.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	50.343	-0.7	102	0.00
36	T	1,1-Dichloropropene	50.000	49.506	1.0	109	0.00
37	T	Ethyl Acetate	50.000	53.678	-7.4	117	0.00
38	T	Carbon Tetrachloride	50.000	47.701	4.6	103	0.00
39	T	Methylcyclohexane	50.000	50.515	-1.0	107	0.00
40	TM	Benzene	50.000	51.324	-2.6	112	0.00
41	T	Methacrylonitrile	50.000	49.186	1.6	125	0.00
42	TM	1,2-Dichloroethane	50.000	49.454	1.1	108	0.00
43	T	Isopropyl Acetate	50.000	52.740	-5.5	118	0.00
44	TM	Trichloroethene	50.000	50.182	-0.4	109	0.00
45	C	1,2-Dichloropropane	50.000	50.779	-1.6#	112	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
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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)
46	T	Dibromomethane	50.000	51.795	-3.6	118	0.00
47	T	Bromodichloromethane	50.000	51.296	-2.6	113	0.00
48	T	Methyl methacrylate	50.000	55.655	-11.3	126	0.00
49	T	1,4-Dioxane	1000.000	1015.658	-1.6	111	0.00
50	S	Toluene-d8	50.000	50.139	-0.3	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	275.031	-10.0	121	0.00
52	CM	Toluene	50.000	51.217	-2.4#	110	0.00
53	T	t-1,3-Dichloropropene	50.000	51.423	-2.8	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.373	-2.7	112	0.00
55	T	1,1,2-Trichloroethane	50.000	51.700	-3.4	116	0.00
56	T	Ethyl methacrylate	50.000	55.968	-11.9	120	0.00
57	T	1,3-Dichloropropane	50.000	52.185	-4.4	116	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.017	-11.2	117	0.00
59	T	2-Hexanone	250.000	267.925	-7.2	115	0.00
60	T	Dibromochloromethane	50.000	50.185	-0.4	112	0.00
61	T	1,2-Dibromoethane	50.000	51.099	-2.2	115	0.00
62	S	4-Bromofluorobenzene	50.000	50.846	-1.7	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	47.453	5.1	110	0.00
65	PM	Chlorobenzene	50.000	49.186	1.6	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.976	0.0	112	0.00
67	C	Ethyl Benzene	50.000	50.834	-1.7#	112	0.00
68	T	m/p-Xylenes	100.000	100.189	-0.2	111	0.00
69	T	o-Xylene	50.000	50.033	-0.1	113	0.00
70	T	Styrene	50.000	50.645	-1.3	111	0.00
71	P	Bromoform	50.000	50.466	-0.9	119	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	53.906	-7.8	112	0.00
74	T	N-amyl acetate	50.000	55.731	-11.5	122	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.343	-10.7	122	0.00
76	T	1,2,3-Trichloropropane	50.000	55.831	-11.7	136	0.00
77	T	Bromobenzene	50.000	50.916	-1.8	110	0.00
78	T	n-propylbenzene	50.000	52.998	-6.0	110	0.00
79	T	2-Chlorotoluene	50.000	51.427	-2.9	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.557	-5.1	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.734	-7.5	123	0.00
82	T	4-Chlorotoluene	50.000	51.192	-2.4	110	0.00
83	T	tert-Butylbenzene	50.000	54.039	-8.1	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.715	-7.4	111	0.00
85	T	sec-Butylbenzene	50.000	52.793	-5.6	111	0.00
86	T	p-Isopropyltoluene	50.000	53.446	-6.9	112	0.00
87	T	1,3-Dichlorobenzene	50.000	50.331	-0.7	112	0.00
88	T	1,4-Dichlorobenzene	50.000	51.339	-2.7	115	0.00
89	T	n-Butylbenzene	50.000	54.615	-9.2	114	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	51.910	-3.8	113	0.00
91 T	1,2-Dichlorobenzene	50.000	51.139	-2.3	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.039	1.9	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.508	-11.0	119	0.00
94 T	Hexachlorobutadiene	50.000	53.782	-7.6	114	0.00
95 T	Naphthalene	50.000	58.749	-17.5	123	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.944	-11.9	121	0.00

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