Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066840.D
Acq On : 24 Sep 2020 10:04
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: Sep 25 01:18:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	48.857	2.3	101	0.00
3	P	Chloromethane	50.000	40.625	18.8	91	0.00
4	C	Vinyl Chloride	50.000	46.174	7.7#	99	0.00
5	T	Bromomethane	50.000	41.481	17.0	89	0.00
6	T	Chloroethane	50.000	43.615	12.8	94	0.00
7	T	Trichlorofluoromethane	50.000	45.767	8.5	99	0.00
8	T	Diethyl Ether	50.000	43.692	12.6	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.464	7.1	100	0.00
10	T	Methyl Iodide	50.000	51.172	-2.3	100	0.00
11	T	Tert butyl alcohol	250.000	180.148	27.9#	75	-0.01
12	CM	1,1-Dichloroethene	50.000	45.869	8.3#	93	0.00
13	T	Acrolein	250.000	196.582	21.4#	81	0.00
14	T	Allyl chloride	50.000	44.866	10.3	89	0.00
15	T	Acrylonitrile	250.000	224.807	10.1	88	-0.01
16	T	Acetone	250.000	225.467	9.8	86	0.00
17	T	Carbon Disulfide	50.000	44.865	10.3	92	0.00
18	T	Methyl Acetate	50.000	45.382	9.2	88	0.00
19	T	Methyl tert-butyl Ether	50.000	46.453	7.1	89	0.00
20	T	Methylene Chloride	50.000	45.234	9.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.922	6.2	95	-0.01
22	T	Diisopropyl ether	50.000	46.112	7.8	88	0.00
23	T	Vinyl Acetate	250.000	222.130	11.1	85	0.00
24	P	1,1-Dichloroethane	50.000	44.780	10.4	90	-0.01
25	T	2-Butanone	250.000	210.395	15.8	82	0.00
26	T	2,2-Dichloropropane	50.000	45.143	9.7	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.463	7.1	91	0.00
28	T	Bromochloromethane	50.000	47.405	5.2	92	0.00
29	T	Tetrahydrofuran	250.000	226.575	9.4	87	0.00
30	C	Chloroform	50.000	45.289	9.4#	93	0.00
31	T	Cyclohexane	50.000	44.747	10.5	96	0.00
32	T	1,1,1-Trichloroethane	50.000	45.937	8.1	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.166	11.7	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	48.501	3.0	92	0.00
36	T	1,1-Dichloropropene	50.000	51.294	-2.6	97	0.00
37	T	Ethyl Acetate	50.000	49.255	1.5	86	0.00
38	T	Carbon Tetrachloride	50.000	50.664	-1.3	97	0.00
39	T	Methylcyclohexane	50.000	53.555	-7.1	98	0.00
40	TM	Benzene	50.000	49.770	0.5	92	0.00
41	T	Methacrylonitrile	50.000	47.038	5.9	86	-0.01
42	TM	1,2-Dichloroethane	50.000	47.919	4.2	91	0.00
43	T	Isopropyl Acetate	50.000	48.419	3.2	87	0.00
44	TM	Trichloroethene	50.000	49.404	1.2	94	0.00
45	C	1,2-Dichloropropane	50.000	48.400	3.2#	90	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	49.798	0.4	90	0.00
47	T	Bromodichloromethane	50.000	49.630	0.7	93	0.00
48	T	Methyl methacrylate	50.000	50.078	-0.2	91	0.00
49	T	1,4-Dioxane	1000.000	1087.010	-8.7	95	0.00
50	S	Toluene-d8	50.000	50.665	-1.3	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.264	-1.7	89	0.00
52	CM	Toluene	50.000	51.332	-2.7#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	50.986	-2.0	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.926	0.1	90	0.00
55	T	1,1,2-Trichloroethane	50.000	50.631	-1.3	95	0.00
56	T	Ethyl methacrylate	50.000	52.732	-5.5	90	0.00
57	T	1,3-Dichloropropane	50.000	50.004	-0.0	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.629	2.9	93	0.00
59	T	2-Hexanone	250.000	257.204	-2.9	87	0.00
60	T	Dibromochloromethane	50.000	51.148	-2.3	95	0.00
61	T	1,2-Dibromoethane	50.000	51.545	-3.1	94	0.00
62	S	4-Bromofluorobenzene	50.000	51.084	-2.2	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	52.061	-4.1	102	0.00
65	PM	Chlorobenzene	50.000	50.076	-0.2	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.699	-1.4	96	0.00
67	C	Ethyl Benzene	50.000	52.222	-4.4#	96	0.00
68	T	m/p-Xylenes	100.000	107.916	-7.9	99	0.00
69	T	o-Xylene	50.000	52.202	-4.4	95	0.00
70	T	Styrene	50.000	52.748	-5.5	95	0.00
71	P	Bromoform	50.000	50.231	-0.5	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	52.712	-5.4	98	0.00
74	T	N-amyl acetate	50.000	49.866	0.3	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.012	2.0	94	0.00
76	T	1,2,3-Trichloropropane	50.000	52.378	-4.8	102	0.00
77	T	Bromobenzene	50.000	50.526	-1.1	96	0.00
78	T	n-propylbenzene	50.000	52.826	-5.7	99	0.00
79	T	2-Chlorotoluene	50.000	50.067	-0.1	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.452	-4.9	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.254	9.5	81	0.00
82	T	4-Chlorotoluene	50.000	50.649	-1.3	97	0.00
83	T	tert-Butylbenzene	50.000	53.856	-7.7	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.768	-5.5	99	0.00
85	T	sec-Butylbenzene	50.000	52.715	-5.4	100	0.00
86	T	p-Isopropyltoluene	50.000	54.575	-9.2	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.910	0.2	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.224	1.6	98	0.00
89	T	n-Butylbenzene	50.000	53.252	-6.5	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	50.000	49.373	1.3	98	0.00
91	T	1,2-Dichlorobenzene	50.000	50.218	-0.4	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.000	6.0	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.118	-4.2	100	0.00
94	T	Hexachlorobutadiene	50.000	53.500	-7.0	104	0.00
95	T	Naphthalene	50.000	52.201	-4.4	91	0.00
96	T	1,2,3-Trichlorobenzene	50.000	51.436	-2.9	95	0.00

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