Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077811.D
Acq On : 11 Dec 2023 14:38
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 17:04:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
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	106	0.00
2	T	Dichlorodifluoromethane	50.000	47.811	4.4	105	0.00
3	P	Chloromethane	50.000	52.630	-5.3	113	0.00
4	C	Vinyl Chloride	50.000	50.043	-0.1#	103	0.00
5	T	Bromomethane	50.000	51.744	-3.5	105	0.00
6	T	Chloroethane	50.000	49.767	0.5	103	0.00
7	T	Trichlorofluoromethane	50.000	50.412	-0.8	104	0.01
8	T	Diethyl Ether	50.000	53.648	-7.3	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.822	-1.6	104	0.01
10	T	Methyl Iodide	50.000	47.659	4.7	98	0.00
11	T	Tert butyl alcohol	250.000	311.764	-24.7	133	0.01
12	CM	1,1-Dichloroethene	50.000	51.918	-3.8#	106	0.00
13	T	Acrolein	250.000	180.348	27.9#	77	0.00
14	T	Allyl chloride	50.000	50.947	-1.9	106	0.00
15	T	Acrylonitrile	250.000	280.830	-12.3	118	0.00
16	T	Acetone	250.000	278.463	-11.4	125	0.00
17	T	Carbon Disulfide	50.000	49.038	1.9	102	0.00
18	T	Methyl Acetate	50.000	56.677	-13.4	119	0.00
19	T	Methyl tert-butyl Ether	50.000	55.423	-10.8	115	0.00
20	T	Methylene Chloride	50.000	51.794	-3.6	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.423	-2.8	102	0.01
22	T	Diisopropyl ether	50.000	52.612	-5.2	106	0.00
23	T	Vinyl Acetate	250.000	227.469	9.0	92	0.00
24	P	1,1-Dichloroethane	50.000	51.057	-2.1	105	0.01
25	T	2-Butanone	250.000	269.863	-7.9	120	0.00
26	T	2,2-Dichloropropane	50.000	52.157	-4.3	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.715	-5.4	106	0.00
28	T	Bromochloromethane	50.000	51.115	-2.2	105	0.01
29	T	Tetrahydrofuran	250.000	282.666	-13.1	119	0.00
30	C	Chloroform	50.000	51.181	-2.4#	104	0.00
31	T	Cyclohexane	50.000	48.715	2.6	102	0.00
32	T	1,1,1-Trichloroethane	50.000	50.534	-1.1	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.018	-0.0	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	50.850	-1.7	105	0.00
36	T	1,1-Dichloropropene	50.000	50.013	-0.0	102	0.00
37	T	Ethyl Acetate	50.000	48.765	2.5	114	0.00
38	T	Carbon Tetrachloride	50.000	50.882	-1.8	104	0.00
39	T	Methylcyclohexane	50.000	51.823	-3.6	103	0.00
40	TM	Benzene	50.000	50.450	-0.9	103	0.00
41	T	Methacrylonitrile	50.000	53.983	-8.0	123	0.00
42	TM	1,2-Dichloroethane	50.000	52.176	-4.4	108	0.00
43	T	Isopropyl Acetate	50.000	54.388	-8.8	116	0.00
44	TM	Trichloroethene	50.000	51.935	-3.9	105	0.00
45	C	1,2-Dichloropropane	50.000	51.443	-2.9#	106	0.00
46	T	Dibromomethane	50.000	53.743	-7.5	111	0.00
47	T	Bromodichloromethane	50.000	51.125	-2.3	104	0.00
48	T	Methyl methacrylate	50.000	56.045	-12.1	118	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1143.282	-14.3	135	0.00
50	S	Toluene-d8	50.000	51.370	-2.7	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.568	-12.6	118	0.00
52	CM	Toluene	50.000	52.152	-4.3#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	52.817	-5.6	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.304	-4.6	106	0.00
55	T	1,1,2-Trichloroethane	50.000	51.424	-2.8	106	0.00
56	T	Ethyl methacrylate	50.000	54.430	-8.9	112	0.00
57	T	1,3-Dichloropropane	50.000	53.516	-7.0	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	276.518	-10.6	125	0.00
59	T	2-Hexanone	250.000	250.629	-0.3	120	0.00
60	T	Dibromochloromethane	50.000	54.501	-9.0	112	0.00
61	T	1,2-Dibromoethane	50.000	53.085	-6.2	112	0.00
62	S	4-Bromofluorobenzene	50.000	51.446	-2.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	52.056	-4.1	104	0.00
65	PM	Chlorobenzene	50.000	50.377	-0.8	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.864	0.3	100	0.00
67	C	Ethyl Benzene	50.000	52.309	-4.6#	104	0.00
68	T	m/p-Xylenes	100.000	105.061	-5.1	102	0.00
69	T	o-Xylene	50.000	53.055	-6.1	104	0.00
70	T	Styrene	50.000	53.076	-6.2	103	0.00
71	P	Bromoform	50.000	54.999	-10.0	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	51.976	-4.0	102	0.00
74	T	N-amyl acetate	50.000	54.405	-8.8	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.180	-8.4	110	0.00
76	T	1,2,3-Trichloropropane	50.000	51.278	-2.6	91	0.00
77	T	Bromobenzene	50.000	52.471	-4.9	107	0.00
78	T	n-propylbenzene	50.000	52.465	-4.9	102	0.00
79	T	2-Chlorotoluene	50.000	51.724	-3.4	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.715	-5.4	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.281	-10.6	114	0.00
82	T	4-Chlorotoluene	50.000	51.913	-3.8	103	0.00
83	T	tert-Butylbenzene	50.000	53.403	-6.8	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.539	-5.1	102	0.00
85	T	sec-Butylbenzene	50.000	53.056	-6.1	103	0.00
86	T	p-Isopropyltoluene	50.000	54.348	-8.7	104	0.00
87	T	1,3-Dichlorobenzene	50.000	52.063	-4.1	103	0.00
88	T	1,4-Dichlorobenzene	50.000	50.751	-1.5	102	0.00
89	T	n-Butylbenzene	50.000	55.110	-10.2	105	0.00
90	T	Hexachloroethane	50.000	52.320	-4.6	103	0.00
91	T	1,2-Dichlorobenzene	50.000	52.624	-5.2	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.993	-14.0	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.221	-4.4	110	0.00
94	T	Hexachlorobutadiene	50.000	55.067	-10.1	109	0.00
95	T	Naphthalene	50.000	59.089	-18.2	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.528	-11.1	115	0.00

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