Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
Data File : VD077316.D
Acq On : 12 Oct 2023 12:38
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: Oct 13 02:29:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 14:39:07 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	120	0.00
2	T	Dichlorodifluoromethane	50.000	48.749	2.5	120	0.00
3	P	Chloromethane	50.000	52.090	-4.2	115	0.00
4	C	Vinyl Chloride	50.000	47.888	4.2#	106	0.00
5	T	Bromomethane	50.000	43.324	13.4	97	0.00
6	T	Chloroethane	50.000	48.991	2.0	108	0.00
7	T	Trichlorofluoromethane	50.000	47.420	5.2	102	0.00
8	T	Diethyl Ether	50.000	49.587	0.8	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.365	-2.7	122	0.00
10	T	Methyl Iodide	50.000	46.753	6.5	102	0.00
11	T	Tert butyl alcohol	50.000	238.335	-376.7#	112	0.00
12	CM	1,1-Dichloroethene	50.000	51.823	-3.6#	121	0.00
13	T	Acrolein	50.000	238.785	-377.6#	87	0.00
14	T	Allyl chloride	50.000	51.270	-2.5	116	0.00
15	T	Acrylonitrile	50.000	233.926	-367.9#	110	0.00
16	T	Acetone	50.000	238.832	-377.7#	115	0.00
17	T	Carbon Disulfide	50.000	52.746	-5.5	118	0.00
18	T	Methyl Acetate	50.000	48.021	4.0	112	0.00
19	T	Methyl tert-butyl Ether	50.000	48.847	2.3	110	0.00
20	T	Methylene Chloride	50.000	41.520	17.0	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.080	-0.2	116	0.00
22	T	Diisopropyl ether	50.000	50.007	-0.0	111	0.00
23	T	Vinyl Acetate	50.000	248.809	-397.6#	111	0.00
24	P	1,1-Dichloroethane	50.000	49.953	0.1	115	0.00
25	T	2-Butanone	50.000	248.372	-396.7#	116	0.00
26	T	2,2-Dichloropropane	50.000	51.924	-3.8	121	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.465	1.1	114	0.00
28	T	Bromochloromethane	50.000	48.844	2.3	109	0.00
29	T	Tetrahydrofuran	50.000	236.155	-372.3#	108	0.00
30	C	Chloroform	50.000	48.940	2.1#	113	0.00
31	T	Cyclohexane	50.000	50.966	-1.9	122	0.00
32	T	1,1,1-Trichloroethane	50.000	52.001	-4.0	121	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.958	0.1	122	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35	S	Dibromofluoromethane	50.000	52.633	-5.3	125	0.00
36	T	1,1-Dichloropropene	50.000	54.645	-9.3	121	0.00
37	T	Ethyl Acetate	50.000	46.940	6.1	105	0.00
38	T	Carbon Tetrachloride	50.000	57.023	-14.0	129	0.00
39	T	Methylcyclohexane	50.000	54.030	-8.1	116	0.00
40	TM	Benzene	50.000	53.337	-6.7	117	0.00
41	T	Methacrylonitrile	50.000	52.581	-5.2	113	0.00
42	TM	1,2-Dichloroethane	50.000	50.898	-1.8	112	0.00
43	T	Isopropyl Acetate	50.000	51.474	-2.9	113	0.00
44	TM	Trichloroethene	50.000	53.749	-7.5	124	0.00
45	C	1,2-Dichloropropane	50.000	50.806	-1.6#	111	0.00
46	T	Dibromomethane	50.000	48.884	2.2	110	0.00
47	T	Bromodichloromethane	50.000	49.734	0.5	110	0.00
48	T	Methyl methacrylate	50.000	49.794	0.4	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	50.000	940.748	-1781.5#	104	0.00
50	S	Toluene-d8	50.000	52.301	-4.6	120	0.00
51	T	4-Methyl-2-Pentanone	50.000	251.849	-403.7#	109	0.00
52	CM	Toluene	50.000	52.730	-5.5#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	49.948	0.1	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.725	-1.5	111	0.00
55	T	1,1,2-Trichloroethane	50.000	49.328	1.3	108	0.00
56	T	Ethyl methacrylate	50.000	47.340	5.3	108	0.00
57	T	1,3-Dichloropropane	50.000	49.308	1.4	110	0.00
58	T	2-Chloroethyl Vinyl ether	50.000	215.844	-331.7#	99	0.00
59	T	2-Hexanone	50.000	256.712	-413.4#	111	0.00
60	T	Dibromochloromethane	50.000	49.451	1.1	108	0.00
61	T	1,2-Dibromoethane	50.000	49.000	2.0	106	0.00
62	S	4-Bromofluorobenzene	50.000	49.758	0.5	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	53.508	-7.0	114	0.00
65	PM	Chlorobenzene	50.000	53.007	-6.0	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.370	-4.7	111	0.00
67	C	Ethyl Benzene	50.000	55.149	-10.3#	113	0.00
68	T	m/p-Xylenes	50.000	111.389	-122.8#	112	0.00
69	T	o-Xylene	50.000	54.879	-9.8	111	0.00
70	T	Styrene	50.000	54.635	-9.3	107	0.00
71	P	Bromoform	50.000	51.243	-2.5	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	56.122	-12.2	113	0.00
74	T	N-amyl acetate	50.000	52.698	-5.4	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.504	-1.0	104	0.00
76	T	1,2,3-Trichloropropane	50.000	47.785	4.4	106	0.00
77	T	Bromobenzene	50.000	51.742	-3.5	106	0.00
78	T	n-propylbenzene	50.000	56.072	-12.1	112	0.00
79	T	2-Chlorotoluene	50.000	54.546	-9.1	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.351	-10.7	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.474	-6.9	107	0.00
82	T	4-Chlorotoluene	50.000	54.168	-8.3	108	0.00
83	T	tert-Butylbenzene	50.000	56.150	-12.3	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.979	-10.0	109	0.00
85	T	sec-Butylbenzene	50.000	56.233	-12.5	111	0.00
86	T	p-Isopropyltoluene	50.000	56.081	-12.2	111	0.00
87	T	1,3-Dichlorobenzene	50.000	52.021	-4.0	105	0.00
88	T	1,4-Dichlorobenzene	50.000	51.575	-3.2	108	0.00
89	T	n-Butylbenzene	50.000	56.749	-13.5	114	0.00
90	T	Hexachloroethane	50.000	53.534	-7.1	109	0.00
91	T	1,2-Dichlorobenzene	50.000	51.674	-3.3	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.020	-2.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.581	-5.2	108	0.00
94	T	Hexachlorobutadiene	50.000	52.725	-5.5	108	0.00
95	T	Naphthalene	50.000	52.094	-4.2	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.609	-3.2	105	0.00

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