Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016865.D
Acq On : 27 Dec 2023 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 28 03:41:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	41.939	16.1	88	0.00
3	P	Chloromethane	50.000	47.064	5.9	98	0.00
4	C	Vinyl Chloride	50.000	48.670	2.7#	96	0.00
5	T	Bromomethane	50.000	48.107	3.8	101	0.00
6	T	Chloroethane	50.000	48.344	3.3	97	-0.01
7	T	Trichlorofluoromethane	50.000	48.066	3.9	96	0.00
8	T	Diethyl Ether	50.000	49.711	0.6	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.712	4.6	94	-0.01
10	T	Methyl Iodide	50.000	43.667	12.7	81	-0.01
11	T	Tert butyl alcohol	250.000	251.018	-0.4	99	0.00
12	CM	1,1-Dichloroethene	50.000	48.236	3.5#	93	0.00
13	T	Acrolein	250.000	218.025	12.8	71	0.00
14	T	Allyl chloride	50.000	51.314	-2.6	97	-0.01
15	T	Acrylonitrile	250.000	277.215	-10.9	100	-0.01
16	T	Acetone	250.000	294.695	-17.9	128	-0.01
17	T	Carbon Disulfide	50.000	49.410	1.2	92	-0.01
18	T	Methyl Acetate	50.000	59.944	-19.9	99	-0.02
19	T	Methyl tert-butyl Ether	50.000	49.986	0.0	94	-0.01
20	T	Methylene Chloride	50.000	45.486	9.0	93	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.183	-0.4	95	-0.02
22	T	Diisopropyl ether	50.000	52.951	-5.9	100	-0.01
23	T	Vinyl Acetate	250.000	258.061	-3.2	98	-0.01
24	P	1,1-Dichloroethane	50.000	50.776	-1.6	97	-0.01
25	T	2-Butanone	250.000	274.437	-9.8	111	0.00
26	T	2,2-Dichloropropane	50.000	49.595	0.8	98	-0.01
27	T	cis-1,2-Dichloroethene	50.000	49.725	0.5	94	-0.01
28	T	Bromochloromethane	50.000	56.847	-13.7	89	-0.01
29	T	Tetrahydrofuran	250.000	283.635	-13.5	100	0.00
30	C	Chloroform	50.000	51.213	-2.4#	99	-0.01
31	T	Cyclohexane	50.000	47.094	5.8	94	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.157	1.7	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.122	-6.2	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	53.563	-7.1	81	0.00
36	T	1,1-Dichloropropene	50.000	49.489	1.0	95	0.00
37	T	Ethyl Acetate	50.000	53.941	-7.9	98	-0.01
38	T	Carbon Tetrachloride	50.000	49.217	1.6	96	-0.01
39	T	Methylcyclohexane	50.000	49.897	0.2	94	0.00
40	TM	Benzene	50.000	51.253	-2.5	98	0.00
41	T	Methacrylonitrile	50.000	54.951	-9.9	91	0.00
42	TM	1,2-Dichloroethane	50.000	51.471	-2.9	96	-0.01
43	T	Isopropyl Acetate	50.000	52.060	-4.1	97	0.00
44	TM	Trichloroethene	50.000	49.387	1.2	95	0.00
45	C	1,2-Dichloropropane	50.000	52.193	-4.4#	100	0.00
46	T	Dibromomethane	50.000	52.040	-4.1	99	0.00
47	T	Bromodichloromethane	50.000	51.290	-2.6	99	0.00
48	T	Methyl methacrylate	50.000	54.293	-8.6	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1188.274	-18.8	108	0.00
50	S	Toluene-d8	50.000	53.491	-7.0	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	275.368	-10.1	100	0.00
52	CM	Toluene	50.000	51.620	-3.2#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	51.969	-3.9	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.943	-3.9	97	0.00
55	T	1,1,2-Trichloroethane	50.000	52.047	-4.1	99	0.00
56	T	Ethyl methacrylate	50.000	53.887	-7.8	96	0.00
57	T	1,3-Dichloropropane	50.000	51.977	-4.0	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	328.161	-31.3#	84	0.00
59	T	2-Hexanone	250.000	272.386	-9.0	105	0.00
60	T	Dibromochloromethane	50.000	52.108	-4.2	99	0.00
61	T	1,2-Dibromoethane	50.000	51.841	-3.7	97	0.00
62	S	4-Bromofluorobenzene	50.000	53.558	-7.1	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	48.019	4.0	96	0.00
65	PM	Chlorobenzene	50.000	49.416	1.2	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.739	2.5	97	0.00
67	C	Ethyl Benzene	50.000	50.194	-0.4#	99	0.00
68	T	m/p-Xylenes	100.000	101.571	-1.6	99	0.00
69	T	o-Xylene	50.000	51.400	-2.8	99	0.00
70	T	Styrene	50.000	51.791	-3.6	99	0.00
71	P	Bromoform	50.000	49.250	1.5	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	48.780	2.4	99	0.00
74	T	N-amyl acetate	50.000	49.909	0.2	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.319	1.4	101	0.00
76	T	1,2,3-Trichloropropane	50.000	48.825	2.3	112	0.00
77	T	Bromobenzene	50.000	47.638	4.7	98	0.00
78	T	n-propylbenzene	50.000	49.337	1.3	99	0.00
79	T	2-Chlorotoluene	50.000	48.460	3.1	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.837	0.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.597	2.8	99	0.00
82	T	4-Chlorotoluene	50.000	49.219	1.6	100	0.00
83	T	tert-Butylbenzene	50.000	48.768	2.5	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.015	-0.0	99	0.00
85	T	sec-Butylbenzene	50.000	49.333	1.3	100	0.00
86	T	p-Isopropyltoluene	50.000	49.406	1.2	99	0.00
87	T	1,3-Dichlorobenzene	50.000	48.587	2.8	101	0.00
88	T	1,4-Dichlorobenzene	50.000	48.466	3.1	100	0.00
89	T	n-Butylbenzene	50.000	49.928	0.1	99	0.00
90	T	Hexachloroethane	50.000	49.166	1.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	49.067	1.9	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.788	4.4	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.096	1.8	98	0.00
94	T	Hexachlorobutadiene	50.000	48.654	2.7	98	0.00
95	T	Naphthalene	50.000	42.906	14.2	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.293	3.4	94	0.00

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