Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
Data File : VY014553.D
Acq On : 05 Jul 2023 12:24
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 05 14:53:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	66	0.00
2	T	Dichlorodifluoromethane	50.000	50.337	-0.7	67	0.00
3	P	Chloromethane	50.000	49.926	0.1	70	0.00
4	C	Vinyl Chloride	50.000	50.351	-0.7#	70	-0.01
5	T	Bromomethane	50.000	52.859	-5.7	77	-0.02
6	T	Chloroethane	50.000	51.286	-2.6	70	-0.02
7	T	Trichlorofluoromethane	50.000	49.029	1.9	68	-0.02
8	T	Diethyl Ether	50.000	49.101	1.8	65	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.821	-1.6	71	-0.02
10	T	Methyl Iodide	50.000	45.114	9.8	56	-0.01
11	T	Tert butyl alcohol	250.000	225.644	9.7	61	0.00
12	CM	1,1-Dichloroethene	50.000	49.053	1.9#	66	-0.01
13	T	Acrolein	250.000	271.190	-8.5	72	0.00
14	T	Allyl chloride	50.000	49.732	0.5	65	-0.01
15	T	Acrylonitrile	250.000	255.712	-2.3	65	-0.01
16	T	Acetone	250.000	233.975	6.4	62	-0.01
17	T	Carbon Disulfide	50.000	48.753	2.5	65	-0.02
18	T	Methyl Acetate	50.000	50.007	-0.0	67	-0.01
19	T	Methyl tert-butyl Ether	50.000	51.150	-2.3	66	0.00
20	T	Methylene Chloride	50.000	52.693	-5.4	68	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.576	-1.2	67	-0.01
22	T	Diisopropyl ether	50.000	51.295	-2.6	65	0.00
23	T	Vinyl Acetate	250.000	259.624	-3.8	63	-0.01
24	P	1,1-Dichloroethane	50.000	49.802	0.4	66	0.00
25	T	2-Butanone	250.000	240.355	3.9	60	-0.01
26	T	2,2-Dichloropropane	50.000	45.396	9.2	62	-0.01
27	T	cis-1,2-Dichloroethene	50.000	47.987	4.0	63	0.00
28	T	Bromochloromethane	50.000	48.114	3.8	64	0.00
29	T	Tetrahydrofuran	250.000	253.716	-1.5	62	0.00
30	C	Chloroform	50.000	49.042	1.9#	66	0.00
31	T	Cyclohexane	50.000	47.228	5.5	65	-0.01
32	T	1,1,1-Trichloroethane	50.000	47.725	4.5	64	-0.01
33	S	1,2-Dichloroethane-d4	50.000	49.394	1.2	65	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	63	0.00
35	S	Dibromofluoromethane	50.000	52.112	-4.2	65	0.00
36	T	1,1-Dichloropropene	50.000	51.740	-3.5	65	-0.01
37	T	Ethyl Acetate	50.000	52.535	-5.1	64	0.00
38	T	Carbon Tetrachloride	50.000	50.857	-1.7	65	0.00
39	T	Methylcyclohexane	50.000	52.570	-5.1	66	0.00
40	TM	Benzene	50.000	50.080	-0.2	63	0.00
41	T	Methacrylonitrile	50.000	51.722	-3.4	63	0.00
42	TM	1,2-Dichloroethane	50.000	52.494	-5.0	66	0.00
43	T	Isopropyl Acetate	50.000	51.990	-4.0	63	0.00
44	TM	Trichloroethene	50.000	49.836	0.3	64	0.00
45	C	1,2-Dichloropropane	50.000	52.541	-5.1#	66	0.00
46	T	Dibromomethane	50.000	52.957	-5.9	66	0.00
47	T	Bromodichloromethane	50.000	52.148	-4.3	66	0.00
48	T	Methyl methacrylate	50.000	54.403	-8.8	65	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1034.945	-3.5	58	-0.02
50	S	Toluene-d8	50.000	51.074	-2.1	64	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.215	-7.7	64	0.00
52	CM	Toluene	50.000	50.339	-0.7#	63	0.00
53	T	t-1,3-Dichloropropene	50.000	51.670	-3.3	64	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.747	-3.5	64	0.00
55	T	1,1,2-Trichloroethane	50.000	51.563	-3.1	64	0.00
56	T	Ethyl methacrylate	50.000	53.094	-6.2	63	0.00
57	T	1,3-Dichloropropane	50.000	52.145	-4.3	66	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.626	-8.7	63	0.00
59	T	2-Hexanone	250.000	271.514	-8.6	63	0.00
60	T	Dibromochloromethane	50.000	51.536	-3.1	64	0.00
61	T	1,2-Dibromoethane	50.000	51.375	-2.8	63	0.00
62	S	4-Bromofluorobenzene	50.000	51.202	-2.4	64	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	64	0.00
64	T	Tetrachloroethene	50.000	50.766	-1.5	66	0.00
65	PM	Chlorobenzene	50.000	49.862	0.3	64	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.647	-1.3	65	0.00
67	C	Ethyl Benzene	50.000	51.147	-2.3#	64	0.00
68	T	m/p-Xylenes	100.000	100.809	-0.8	63	0.00
69	T	o-Xylene	50.000	50.609	-1.2	63	0.00
70	T	Styrene	50.000	51.645	-3.3	63	0.00
71	P	Bromoform	50.000	50.854	-1.7	64	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
73	T	Isopropylbenzene	50.000	50.849	-1.7	64	0.00
74	T	N-amyl acetate	50.000	52.762	-5.5	64	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.475	-3.0	65	0.00
76	T	1,2,3-Trichloropropane	50.000	51.861	-3.7	66	0.00
77	T	Bromobenzene	50.000	50.287	-0.6	64	0.00
78	T	n-propylbenzene	50.000	51.761	-3.5	65	0.00
79	T	2-Chlorotoluene	50.000	50.745	-1.5	65	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.434	-2.9	65	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.280	-0.6	64	0.00
82	T	4-Chlorotoluene	50.000	50.552	-1.1	65	0.00
83	T	tert-Butylbenzene	50.000	50.315	-0.6	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.403	-2.8	64	0.00
85	T	sec-Butylbenzene	50.000	51.526	-3.1	66	0.00
86	T	p-Isopropyltoluene	50.000	51.672	-3.3	65	0.00
87	T	1,3-Dichlorobenzene	50.000	49.742	0.5	64	0.00
88	T	1,4-Dichlorobenzene	50.000	49.337	1.3	65	0.00
89	T	n-Butylbenzene	50.000	52.595	-5.2	67	0.00
90	T	Hexachloroethane	50.000	51.760	-3.5	68	0.00
91	T	1,2-Dichlorobenzene	50.000	50.575	-1.2	65	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.395	-2.8	65	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.303	-4.6	66	0.00
94	T	Hexachlorobutadiene	50.000	52.480	-5.0	69	0.00
95	T	Naphthalene	50.000	52.727	-5.5	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.533	-5.1	66	0.00

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