Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
Data File : VY012182.D
Acq On : 13 Jan 2023 09:45
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: Jan 16 08:16:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	47.921	4.2	95	0.00
3	P	Chloromethane	50.000	51.152	-2.3	103	0.00
4	C	Vinyl Chloride	50.000	45.797	8.4#	101	0.00
5	T	Bromomethane	50.000	49.561	0.9	99	0.00
6	T	Chloroethane	50.000	46.710	6.6	103	0.00
7	T	Trichlorofluoromethane	50.000	46.763	6.5	99	0.00
8	T	Diethyl Ether	50.000	49.910	0.2	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.856	0.3	103	0.00
10	T	Methyl Iodide	50.000	48.046	3.9	98	0.00
11	T	Tert butyl alcohol	250.000	221.667	11.3	95	0.00
12	CM	1,1-Dichloroethene	50.000	47.823	4.4#	102	0.00
13	T	Acrolein	250.000	266.969	-6.8	115	0.00
14	T	Allyl chloride	50.000	50.858	-1.7	106	0.00
15	T	Acrylonitrile	250.000	262.681	-5.1	109	0.00
16	T	Acetone	250.000	245.684	1.7	103	0.00
17	T	Carbon Disulfide	50.000	47.593	4.8	98	0.00
18	T	Methyl Acetate	50.000	50.402	-0.8	111	0.00
19	T	Methyl tert-butyl Ether	50.000	51.045	-2.1	102	0.00
20	T	Methylene Chloride	50.000	54.523	-9.0	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.556	2.9	102	0.00
22	T	Diisopropyl ether	50.000	54.127	-8.3	108	0.00
23	T	Vinyl Acetate	250.000	263.879	-5.6	105	0.00
24	P	1,1-Dichloroethane	50.000	51.498	-3.0	106	0.00
25	T	2-Butanone	250.000	246.640	1.3	104	0.00
26	T	2,2-Dichloropropane	50.000	49.791	0.4	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.745	-1.5	102	0.00
28	T	Bromochloromethane	50.000	50.413	-0.8	106	0.00
29	T	Tetrahydrofuran	250.000	258.908	-3.6	106	0.00
30	C	Chloroform	50.000	52.240	-4.5#	105	0.00
31	T	Cyclohexane	50.000	51.311	-2.6	101	0.00
32	T	1,1,1-Trichloroethane	50.000	50.517	-1.0	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.949	10.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	48.766	2.5	100	0.00
36	T	1,1-Dichloropropene	50.000	48.876	2.2	104	0.00
37	T	Ethyl Acetate	50.000	47.178	5.6	106	0.00
38	T	Carbon Tetrachloride	50.000	49.258	1.5	100	0.00
39	T	Methylcyclohexane	50.000	47.821	4.4	100	0.00
40	TM	Benzene	50.000	49.981	0.0	104	0.00
41	T	Methacrylonitrile	50.000	55.728	-11.5	107	-0.02
42	TM	1,2-Dichloroethane	50.000	49.876	0.2	101	0.00
43	T	Isopropyl Acetate	50.000	51.110	-2.2	104	0.00
44	TM	Trichloroethene	50.000	49.810	0.4	103	0.00
45	C	1,2-Dichloropropane	50.000	52.743	-5.5#	108	0.00
46	T	Dibromomethane	50.000	51.274	-2.5	104	0.00
47	T	Bromodichloromethane	50.000	52.416	-4.8	105	0.00
48	T	Methyl methacrylate	50.000	51.523	-3.0	103	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1046.281	-4.6	110	0.00
50	S	Toluene-d8	50.000	45.779	8.4	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.426	-4.6	105	0.00
52	CM	Toluene	50.000	50.354	-0.7#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.436	-2.9	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.665	-3.3	104	0.00
55	T	1,1,2-Trichloroethane	50.000	52.586	-5.2	104	0.00
56	T	Ethyl methacrylate	50.000	52.692	-5.4	103	0.00
57	T	1,3-Dichloropropane	50.000	52.213	-4.4	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.196	-3.3	106	0.00
59	T	2-Hexanone	250.000	263.885	-5.6	103	0.00
60	T	Dibromochloromethane	50.000	52.066	-4.1	104	0.00
61	T	1,2-Dibromoethane	50.000	51.095	-2.2	105	0.00
62	S	4-Bromofluorobenzene	50.000	48.971	2.1	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.904	-5.8	109	0.00
65	PM	Chlorobenzene	50.000	50.871	-1.7	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.445	-4.9	104	0.00
67	C	Ethyl Benzene	50.000	50.945	-1.9#	102	0.00
68	T	m/p-Xylenes	100.000	101.784	-1.8	103	0.00
69	T	o-Xylene	50.000	51.789	-3.6	104	0.00
70	T	Styrene	50.000	51.888	-3.8	103	0.00
71	P	Bromoform	50.000	52.366	-4.7	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	51.266	-2.5	103	0.00
74	T	N-amyl acetate	50.000	52.413	-4.8	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.528	-3.1	105	0.00
76	T	1,2,3-Trichloropropane	50.000	52.204	-4.4	114	0.00
77	T	Bromobenzene	50.000	50.659	-1.3	104	0.00
78	T	n-propylbenzene	50.000	51.339	-2.7	104	0.00
79	T	2-Chlorotoluene	50.000	51.118	-2.2	105	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.434	-2.9	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.126	-2.3	103	0.00
82	T	4-Chlorotoluene	50.000	49.965	0.1	102	0.00
83	T	tert-Butylbenzene	50.000	51.102	-2.2	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.039	-2.1	103	0.00
85	T	sec-Butylbenzene	50.000	52.122	-4.2	104	0.00
86	T	p-Isopropyltoluene	50.000	51.394	-2.8	103	0.00
87	T	1,3-Dichlorobenzene	50.000	50.207	-0.4	103	0.00
88	T	1,4-Dichlorobenzene	50.000	50.256	-0.5	104	0.00
89	T	n-Butylbenzene	50.000	52.484	-5.0	104	0.00
90	T	Hexachloroethane	50.000	51.451	-2.9	104	0.00
91	T	1,2-Dichlorobenzene	50.000	50.986	-2.0	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.343	-2.7	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.677	-3.4	106	0.00
94	T	Hexachlorobutadiene	50.000	52.750	-5.5	107	0.00
95	T	Naphthalene	50.000	51.499	-3.0	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.209	-0.4	104	0.00

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