Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
Data File : VY012101.D
Acq On : 06 Jan 2023 18:57
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 07 01:50:12 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	48.016	4.0	85	0.00
3	P	Chloromethane	50.000	48.240	3.5	87	0.00
4	C	Vinyl Chloride	50.000	42.789	14.4#	84	0.00
5	T	Bromomethane	50.000	51.821	-3.6	91	0.00
6	T	Chloroethane	50.000	45.761	8.5	90	0.00
7	T	Trichlorofluoromethane	50.000	46.199	7.6	87	0.00
8	T	Diethyl Ether	50.000	52.329	-4.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.607	6.8	85	0.00
10	T	Methyl Iodide	50.000	46.751	6.5	85	0.00
11	T	Tert butyl alcohol	250.000	279.409	-11.8	103	0.00
12	CM	1,1-Dichloroethene	50.000	46.621	6.8#	88	0.00
13	T	Acrolein	250.000	262.119	-4.8	101	0.00
14	T	Allyl chloride	50.000	48.649	2.7	90	0.00
15	T	Acrylonitrile	250.000	288.853	-15.5	106	0.00
16	T	Acetone	250.000	240.615	3.8	90	0.00
17	T	Carbon Disulfide	50.000	47.347	5.3	87	0.00
18	T	Methyl Acetate	50.000	54.282	-8.6	106	0.00
19	T	Methyl tert-butyl Ether	50.000	56.559	-13.1	101	0.00
20	T	Methylene Chloride	50.000	54.110	-8.2	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.283	3.4	91	0.00
22	T	Diisopropyl ether	50.000	54.338	-8.7	97	0.00
23	T	Vinyl Acetate	250.000	286.015	-14.4	101	0.00
24	P	1,1-Dichloroethane	50.000	51.043	-2.1	93	0.00
25	T	2-Butanone	250.000	277.538	-11.0	104	0.00
26	T	2,2-Dichloropropane	50.000	47.689	4.6	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.762	-3.5	93	0.00
28	T	Bromochloromethane	50.000	51.874	-3.7	97	0.00
29	T	Tetrahydrofuran	250.000	302.361	-20.9	110	0.00
30	C	Chloroform	50.000	53.128	-6.3#	95	0.00
31	T	Cyclohexane	50.000	49.142	1.7	86	0.00
32	T	1,1,1-Trichloroethane	50.000	51.000	-2.0	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.408	-0.8	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	49.191	1.6	91	0.00
36	T	1,1-Dichloropropene	50.000	47.300	5.4	91	0.00
37	T	Ethyl Acetate	50.000	52.321	-4.6	106	0.00
38	T	Carbon Tetrachloride	50.000	49.252	1.5	91	0.00
39	T	Methylcyclohexane	50.000	46.210	7.6	87	0.00
40	TM	Benzene	50.000	48.822	2.4	92	0.00
41	T	Methacrylonitrile	50.000	51.619	-3.2	90	-0.01
42	TM	1,2-Dichloroethane	50.000	54.271	-8.5	100	0.00
43	T	Isopropyl Acetate	50.000	57.449	-14.9	106	0.00
44	TM	Trichloroethene	50.000	49.766	0.5	94	0.00
45	C	1,2-Dichloropropane	50.000	52.087	-4.2#	96	0.00
46	T	Dibromomethane	50.000	55.202	-10.4	101	0.00
47	T	Bromodichloromethane	50.000	54.394	-8.8	99	0.00
48	T	Methyl methacrylate	50.000	58.761	-17.5	107	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	1224.723	-22.5	117	0.00
50	S	Toluene-d8	50.000	46.509	7.0	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	302.103	-20.8	110	0.00
52	CM	Toluene	50.000	50.252	-0.5#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	54.179	-8.4	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.294	-6.6	97	0.00
55	T	1,1,2-Trichloroethane	50.000	55.941	-11.9	100	0.00
56	T	Ethyl methacrylate	50.000	58.913	-17.8	104	0.00
57	T	1,3-Dichloropropane	50.000	55.360	-10.7	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	284.488	-13.8	106	0.00
59	T	2-Hexanone	250.000	305.518	-22.2	109	0.00
60	T	Dibromochloromethane	50.000	56.331	-12.7	102	0.00
61	T	1,2-Dibromoethane	50.000	55.315	-10.6	104	0.00
62	S	4-Bromofluorobenzene	50.000	49.919	0.2	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	49.231	1.5	96	0.00
65	PM	Chlorobenzene	50.000	49.939	0.1	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.659	-5.3	99	0.00
67	C	Ethyl Benzene	50.000	49.293	1.4#	94	0.00
68	T	m/p-Xylenes	100.000	99.718	0.3	96	0.00
69	T	o-Xylene	50.000	50.839	-1.7	97	0.00
70	T	Styrene	50.000	51.747	-3.5	97	0.00
71	P	Bromoform	50.000	56.453	-12.9	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	48.350	3.3	95	0.00
74	T	N-amyl acetate	50.000	56.199	-12.4	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.619	-7.2	107	0.00
76	T	1,2,3-Trichloropropane	50.000	52.004	-4.0	111	0.00
77	T	Bromobenzene	50.000	49.779	0.4	100	0.00
78	T	n-propylbenzene	50.000	47.999	4.0	95	0.00
79	T	2-Chlorotoluene	50.000	47.977	4.0	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.699	2.6	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.656	-7.3	106	0.00
82	T	4-Chlorotoluene	50.000	48.548	2.9	97	0.00
83	T	tert-Butylbenzene	50.000	48.875	2.3	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.327	1.3	97	0.00
85	T	sec-Butylbenzene	50.000	48.469	3.1	95	0.00
86	T	p-Isopropyltoluene	50.000	48.609	2.8	95	0.00
87	T	1,3-Dichlorobenzene	50.000	49.211	1.6	99	0.00
88	T	1,4-Dichlorobenzene	50.000	48.739	2.5	99	0.00
89	T	n-Butylbenzene	50.000	48.597	2.8	95	0.00
90	T	Hexachloroethane	50.000	48.597	2.8	96	0.00
91	T	1,2-Dichlorobenzene	50.000	51.059	-2.1	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.238	-12.5	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.611	-5.2	106	0.00
94	T	Hexachlorobutadiene	50.000	50.290	-0.6	100	0.00
95	T	Naphthalene	50.000	58.027	-16.1	115	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.624	-7.2	109	0.00

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