Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
Data File : VY013656.D
Acq On : 09 May 2023 09:54
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: May 10 05:32:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 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	51.357	-2.7	97	0.00
3	P	Chloromethane	50.000	46.389	7.2	93	0.00
4	C	Vinyl Chloride	50.000	46.362	7.3#	93	0.00
5	T	Bromomethane	50.000	42.666	14.7	89	0.00
6	T	Chloroethane	50.000	43.646	12.7	90	0.00
7	T	Trichlorofluoromethane	50.000	53.082	-6.2	105	0.00
8	T	Diethyl Ether	50.000	49.637	0.7	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.659	-1.3	102	0.00
10	T	Methyl Iodide	50.000	46.180	7.6	83	0.00
11	T	Tert butyl alcohol	250.000	269.229	-7.7	113	-0.02
12	CM	1,1-Dichloroethene	50.000	49.233	1.5#	95	0.00
13	T	Acrolein	250.000	169.227	32.3#	72	0.00
14	T	Allyl chloride	50.000	49.231	1.5	94	0.00
15	T	Acrylonitrile	250.000	244.301	2.3	92	0.00
16	T	Acetone	250.000	256.756	-2.7	91	0.00
17	T	Carbon Disulfide	50.000	43.925	12.2	84	0.00
18	T	Methyl Acetate	50.000	46.735	6.5	90	0.00
19	T	Methyl tert-butyl Ether	50.000	50.418	-0.8	95	0.00
20	T	Methylene Chloride	50.000	47.495	5.0	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.485	-1.0	96	0.00
22	T	Diisopropyl ether	50.000	53.423	-6.8	102	0.00
23	T	Vinyl Acetate	250.000	280.641	-12.3	104	0.00
24	P	1,1-Dichloroethane	50.000	52.166	-4.3	101	0.00
25	T	2-Butanone	250.000	251.589	-0.6	93	0.00
26	T	2,2-Dichloropropane	50.000	55.261	-10.5	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.167	-6.3	103	0.00
28	T	Bromochloromethane	50.000	51.641	-3.3	102	0.00
29	T	Tetrahydrofuran	250.000	230.920	7.6	87	0.00
30	C	Chloroform	50.000	54.826	-9.7#	107	0.00
31	T	Cyclohexane	50.000	47.045	5.9	96	0.00
32	T	1,1,1-Trichloroethane	50.000	54.172	-8.3	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.034	-0.1	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	52.622	-5.2	107	0.00
36	T	1,1-Dichloropropene	50.000	53.010	-6.0	102	0.00
37	T	Ethyl Acetate	50.000	45.428	9.1	83	0.00
38	T	Carbon Tetrachloride	50.000	55.352	-10.7	104	0.00
39	T	Methylcyclohexane	50.000	51.557	-3.1	97	0.00
40	TM	Benzene	50.000	53.939	-7.9	102	0.00
41	T	Methacrylonitrile	50.000	42.645	14.7	79	0.00
42	TM	1,2-Dichloroethane	50.000	53.401	-6.8	100	0.00
43	T	Isopropyl Acetate	50.000	49.163	1.7	91	0.00
44	TM	Trichloroethene	50.000	53.521	-7.0	101	0.00
45	C	1,2-Dichloropropane	50.000	54.167	-8.3#	103	0.00
46	T	Dibromomethane	50.000	52.507	-5.0	99	0.00
47	T	Bromodichloromethane	50.000	56.152	-12.3	106	0.00
48	T	Methyl methacrylate	50.000	51.091	-2.2	91	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	944.487	5.6	86	0.00
50	S	Toluene-d8	50.000	49.826	0.3	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.963	0.0	90	0.00
52	CM	Toluene	50.000	54.695	-9.4#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	54.376	-8.8	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.254	-6.5	100	0.00
55	T	1,1,2-Trichloroethane	50.000	53.374	-6.7	101	0.00
56	T	Ethyl methacrylate	50.000	53.625	-7.2	96	0.00
57	T	1,3-Dichloropropane	50.000	53.412	-6.8	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.812	5.7	96	0.00
59	T	2-Hexanone	250.000	255.467	-2.2	90	0.00
60	T	Dibromochloromethane	50.000	54.727	-9.5	101	0.00
61	T	1,2-Dibromoethane	50.000	52.820	-5.6	98	0.00
62	S	4-Bromofluorobenzene	50.000	54.029	-8.1	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.481	-5.0	102	0.00
65	PM	Chlorobenzene	50.000	53.209	-6.4	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.847	-9.7	108	0.00
67	C	Ethyl Benzene	50.000	54.711	-9.4#	105	0.00
68	T	m/p-Xylenes	100.000	109.550	-9.5	105	0.00
69	T	o-Xylene	50.000	53.906	-7.8	102	0.00
70	T	Styrene	50.000	55.775	-11.5	106	0.00
71	P	Bromoform	50.000	52.937	-5.9	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	54.478	-9.0	107	0.00
74	T	N-amyl acetate	50.000	48.267	3.5	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.168	1.7	96	0.00
76	T	1,2,3-Trichloropropane	50.000	43.384	13.2	84	0.00
77	T	Bromobenzene	50.000	53.762	-7.5	106	0.00
78	T	n-propylbenzene	50.000	54.232	-8.5	106	0.00
79	T	2-Chlorotoluene	50.000	54.177	-8.4	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.510	-9.0	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.175	1.7	93	0.00
82	T	4-Chlorotoluene	50.000	52.725	-5.5	104	0.00
83	T	tert-Butylbenzene	50.000	53.819	-7.6	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.871	-9.7	106	0.00
85	T	sec-Butylbenzene	50.000	54.275	-8.5	107	0.00
86	T	p-Isopropyltoluene	50.000	54.905	-9.8	108	0.00
87	T	1,3-Dichlorobenzene	50.000	53.677	-7.4	107	0.00
88	T	1,4-Dichlorobenzene	50.000	51.959	-3.9	105	0.00
89	T	n-Butylbenzene	50.000	53.752	-7.5	106	0.00
90	T	Hexachloroethane	50.000	52.267	-4.5	106	0.00
91	T	1,2-Dichlorobenzene	50.000	52.795	-5.6	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.371	5.3	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.033	-4.1	104	0.00
94	T	Hexachlorobutadiene	50.000	55.828	-11.7	115	0.00
95	T	Naphthalene	50.000	48.718	2.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.040	-4.1	102	0.00

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