Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013531.D
Acq On : 01 May 2023 11:15
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 01 22:45:03 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	126	0.00
2	T	Dichlorodifluoromethane	50.000	55.210	-10.4	135	0.00
3	P	Chloromethane	50.000	48.189	3.6	124	0.00
4	C	Vinyl Chloride	50.000	48.444	3.1#	125	0.00
5	T	Bromomethane	50.000	43.460	13.1	117	0.00
6	T	Chloroethane	50.000	45.411	9.2	121	0.00
7	T	Trichlorofluoromethane	50.000	52.099	-4.2	132	0.00
8	T	Diethyl Ether	50.000	49.217	1.6	122	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.252	-0.5	130	0.00
10	T	Methyl Iodide	50.000	50.673	-1.3	117	0.00
11	T	Tert butyl alcohol	250.000	205.383	17.8	111	0.01
12	CM	1,1-Dichloroethene	50.000	49.397	1.2#	123	0.00
13	T	Acrolein	250.000	193.764	22.5	105	0.00
14	T	Allyl chloride	50.000	49.245	1.5	121	0.00
15	T	Acrylonitrile	250.000	243.507	2.6	118	0.00
16	T	Acetone	250.000	284.025	-13.6	130	0.00
17	T	Carbon Disulfide	50.000	48.387	3.2	119	0.00
18	T	Methyl Acetate	50.000	46.421	7.2	115	0.00
19	T	Methyl tert-butyl Ether	50.000	51.022	-2.0	124	0.00
20	T	Methylene Chloride	50.000	48.771	2.5	125	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.748	-3.5	127	0.00
22	T	Diisopropyl ether	50.000	52.428	-4.9	129	0.00
23	T	Vinyl Acetate	250.000	256.648	-2.7	122	0.00
24	P	1,1-Dichloroethane	50.000	51.492	-3.0	129	0.00
25	T	2-Butanone	250.000	258.959	-3.6	124	0.00
26	T	2,2-Dichloropropane	50.000	53.357	-6.7	134	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.294	-4.6	130	0.00
28	T	Bromochloromethane	50.000	48.481	3.0	123	0.00
29	T	Tetrahydrofuran	250.000	233.543	6.6	113	0.00
30	C	Chloroform	50.000	53.721	-7.4#	136	0.00
31	T	Cyclohexane	50.000	47.024	6.0	123	0.00
32	T	1,1,1-Trichloroethane	50.000	53.450	-6.9	133	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.550	2.9	129	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	122	0.00
35	S	Dibromofluoromethane	50.000	50.234	-0.5	130	0.00
36	T	1,1-Dichloropropene	50.000	53.084	-6.2	130	0.00
37	T	Ethyl Acetate	50.000	48.908	2.2	114	0.00
38	T	Carbon Tetrachloride	50.000	55.589	-11.2	135	0.00
39	T	Methylcyclohexane	50.000	52.473	-4.9	126	0.00
40	TM	Benzene	50.000	54.221	-8.4	131	0.00
41	T	Methacrylonitrile	50.000	50.875	-1.8	121	0.00
42	TM	1,2-Dichloroethane	50.000	54.453	-8.9	131	0.00
43	T	Isopropyl Acetate	50.000	49.068	1.9	116	0.00
44	TM	Trichloroethene	50.000	54.133	-8.3	131	0.00
45	C	1,2-Dichloropropane	50.000	54.377	-8.8#	132	0.00
46	T	Dibromomethane	50.000	53.449	-6.9	129	0.00
47	T	Bromodichloromethane	50.000	55.540	-11.1	134	0.00
48	T	Methyl methacrylate	50.000	51.415	-2.8	118	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1008.787	-0.9	118	0.00
50	S	Toluene-d8	50.000	49.352	1.3	129	0.00
51	T	4-Methyl-2-Pentanone	250.000	252.672	-1.1	117	0.00
52	CM	Toluene	50.000	55.454	-10.9#	133	0.00
53	T	t-1,3-Dichloropropene	50.000	54.878	-9.8	130	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.100	-8.2	130	0.00
55	T	1,1,2-Trichloroethane	50.000	53.583	-7.2	130	0.00
56	T	Ethyl methacrylate	50.000	54.763	-9.5	125	0.00
57	T	1,3-Dichloropropane	50.000	54.143	-8.3	131	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	238.302	4.7	124	0.00
59	T	2-Hexanone	250.000	271.800	-8.7	123	0.00
60	T	Dibromochloromethane	50.000	55.460	-10.9	131	0.00
61	T	1,2-Dibromoethane	50.000	52.974	-5.9	126	0.00
62	S	4-Bromofluorobenzene	50.000	51.747	-3.5	136	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	126	0.00
64	T	Tetrachloroethene	50.000	53.529	-7.1	134	0.00
65	PM	Chlorobenzene	50.000	53.486	-7.0	134	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.142	-10.3	139	0.00
67	C	Ethyl Benzene	50.000	55.073	-10.1#	135	0.00
68	T	m/p-Xylenes	100.000	110.701	-10.7	136	0.00
69	T	o-Xylene	50.000	55.019	-10.0	133	0.00
70	T	Styrene	50.000	56.355	-12.7	137	0.00
71	P	Bromoform	50.000	54.343	-8.7	134	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	130	0.00
73	T	Isopropylbenzene	50.000	53.748	-7.5	136	0.00
74	T	N-amyl acetate	50.000	50.345	-0.7	122	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.400	1.2	125	0.00
76	T	1,2,3-Trichloropropane	50.000	43.767	12.5	109	0.00
77	T	Bromobenzene	50.000	54.968	-9.9	139	0.00
78	T	n-propylbenzene	50.000	54.006	-8.0	136	0.00
79	T	2-Chlorotoluene	50.000	53.479	-7.0	135	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.779	-9.6	137	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.825	0.3	121	0.00
82	T	4-Chlorotoluene	50.000	53.536	-7.1	136	0.00
83	T	tert-Butylbenzene	50.000	53.657	-7.3	135	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.609	-11.2	138	0.00
85	T	sec-Butylbenzene	50.000	53.993	-8.0	137	0.00
86	T	p-Isopropyltoluene	50.000	55.490	-11.0	140	0.00
87	T	1,3-Dichlorobenzene	50.000	54.958	-9.9	141	0.00
88	T	1,4-Dichlorobenzene	50.000	54.030	-8.1	140	0.00
89	T	n-Butylbenzene	50.000	54.756	-9.5	139	0.00
90	T	Hexachloroethane	50.000	53.194	-6.4	139	0.00
91	T	1,2-Dichlorobenzene	50.000	55.691	-11.4	141	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.678	-1.4	131	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.592	-19.2	153	0.00
94	T	Hexachlorobutadiene	50.000	62.820	-25.6#	167	0.00
95	T	Naphthalene	50.000	58.211	-16.4	143	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.566	-23.1	156	0.00

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