Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
Data File : VY013414.D
Acq On : 24 Apr 2023 20:33
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 25 03:19:23 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	50.866	-1.7	96	0.00
3	P	Chloromethane	50.000	41.757	16.5	83	0.00
4	C	Vinyl Chloride	50.000	42.463	15.1#	84	0.00
5	T	Bromomethane	50.000	41.236	17.5	86	0.00
6	T	Chloroethane	50.000	41.051	17.9	84	0.00
7	T	Trichlorofluoromethane	50.000	48.853	2.3	95	0.00
8	T	Diethyl Ether	50.000	49.722	0.6	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.893	4.2	96	0.00
10	T	Methyl Iodide	50.000	51.676	-3.4	92	0.00
11	T	Tert butyl alcohol	250.000	227.145	9.1	95	0.00
12	CM	1,1-Dichloroethene	50.000	48.140	3.7#	92	0.00
13	T	Acrolein	250.000	209.324	16.3	87	0.00
14	T	Allyl chloride	50.000	46.307	7.4	88	0.00
15	T	Acrylonitrile	250.000	252.449	-1.0	95	0.00
16	T	Acetone	250.000	216.988	13.2	76	0.00
17	T	Carbon Disulfide	50.000	49.069	1.9	93	0.00
18	T	Methyl Acetate	50.000	47.003	6.0	90	0.00
19	T	Methyl tert-butyl Ether	50.000	50.082	-0.2	94	0.00
20	T	Methylene Chloride	50.000	51.488	-3.0	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.415	-2.8	97	0.00
22	T	Diisopropyl ether	50.000	50.307	-0.6	96	0.00
23	T	Vinyl Acetate	250.000	244.521	2.2	90	0.00
24	P	1,1-Dichloroethane	50.000	49.241	1.5	95	0.00
25	T	2-Butanone	250.000	232.436	7.0	86	0.00
26	T	2,2-Dichloropropane	50.000	47.846	4.3	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.718	-3.4	99	0.00
28	T	Bromochloromethane	50.000	47.358	5.3	93	0.00
29	T	Tetrahydrofuran	250.000	249.900	0.0	93	0.00
30	C	Chloroform	50.000	51.609	-3.2#	100	0.00
31	T	Cyclohexane	50.000	46.111	7.8	93	0.00
32	T	1,1,1-Trichloroethane	50.000	50.302	-0.6	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.960	4.1	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	49.723	0.6	101	0.00
36	T	1,1-Dichloropropene	50.000	49.730	0.5	96	0.00
37	T	Ethyl Acetate	50.000	49.332	1.3	90	0.00
38	T	Carbon Tetrachloride	50.000	51.454	-2.9	98	0.00
39	T	Methylcyclohexane	50.000	51.388	-2.8	97	0.00
40	TM	Benzene	50.000	51.570	-3.1	98	0.00
41	T	Methacrylonitrile	50.000	49.627	0.7	92	0.00
42	TM	1,2-Dichloroethane	50.000	52.654	-5.3	99	0.00
43	T	Isopropyl Acetate	50.000	49.779	0.4	92	0.00
44	TM	Trichloroethene	50.000	51.802	-3.6	98	0.00
45	C	1,2-Dichloropropane	50.000	51.441	-2.9#	98	0.00
46	T	Dibromomethane	50.000	52.180	-4.4	99	0.00
47	T	Bromodichloromethane	50.000	52.839	-5.7	100	0.00
48	T	Methyl methacrylate	50.000	49.894	0.2	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1069.537	-7.0	98	0.00
50	S	Toluene-d8	50.000	48.095	3.8	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.755	-2.7	93	0.00
52	CM	Toluene	50.000	52.936	-5.9#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	52.400	-4.8	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.695	-3.4	97	0.00
55	T	1,1,2-Trichloroethane	50.000	53.233	-6.5	101	0.00
56	T	Ethyl methacrylate	50.000	53.861	-7.7	96	0.00
57	T	1,3-Dichloropropane	50.000	52.941	-5.9	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	233.834	6.5	95	0.00
59	T	2-Hexanone	250.000	255.574	-2.2	90	0.00
60	T	Dibromochloromethane	50.000	54.012	-8.0	100	0.00
61	T	1,2-Dibromoethane	50.000	52.186	-4.4	97	0.00
62	S	4-Bromofluorobenzene	50.000	49.890	0.2	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	51.672	-3.3	101	0.00
65	PM	Chlorobenzene	50.000	51.688	-3.4	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.700	-5.4	103	0.00
67	C	Ethyl Benzene	50.000	52.120	-4.2#	100	0.00
68	T	m/p-Xylenes	100.000	106.103	-6.1	102	0.00
69	T	o-Xylene	50.000	52.233	-4.5	99	0.00
70	T	Styrene	50.000	53.794	-7.6	102	0.00
71	P	Bromoform	50.000	52.733	-5.5	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	50.497	-1.0	100	0.00
74	T	N-amyl acetate	50.000	49.911	0.2	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.673	-1.3	100	0.00
76	T	1,2,3-Trichloropropane	50.000	49.646	0.7	97	0.00
77	T	Bromobenzene	50.000	51.709	-3.4	103	0.00
78	T	n-propylbenzene	50.000	51.084	-2.2	101	0.00
79	T	2-Chlorotoluene	50.000	51.271	-2.5	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.809	-3.6	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.162	1.7	94	0.00
82	T	4-Chlorotoluene	50.000	50.675	-1.3	101	0.00
83	T	tert-Butylbenzene	50.000	51.287	-2.6	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.391	-4.8	102	0.00
85	T	sec-Butylbenzene	50.000	50.657	-1.3	100	0.00
86	T	p-Isopropyltoluene	50.000	51.714	-3.4	102	0.00
87	T	1,3-Dichlorobenzene	50.000	50.626	-1.3	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.379	1.2	100	0.00
89	T	n-Butylbenzene	50.000	51.116	-2.2	102	0.00
90	T	Hexachloroethane	50.000	50.184	-0.4	103	0.00
91	T	1,2-Dichlorobenzene	50.000	51.476	-3.0	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.180	-0.4	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.446	-4.9	106	0.00
94	T	Hexachlorobutadiene	50.000	52.113	-4.2	108	0.00
95	T	Naphthalene	50.000	55.440	-10.9	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.772	-9.5	109	0.00

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