Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013774.D
Acq On : 17 May 2023 13:45
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051723

Quant Time: May 18 06:57:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	48.099	3.8	99	0.00
3	P	Chloromethane	50.000	48.753	2.5	103	0.00
4	C	Vinyl Chloride	50.000	49.459	1.1#	102	0.00
5	T	Bromomethane	50.000	44.845	10.3	103	0.00
6	T	Chloroethane	50.000	49.576	0.8	106	0.00
7	T	Trichlorofluoromethane	50.000	48.136	3.7	99	0.00
8	T	Diethyl Ether	50.000	48.589	2.8	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.362	3.3	101	-0.01
10	T	Methyl Iodide	50.000	51.431	-2.9	99	-0.01
11	T	Tert butyl alcohol	250.000	296.805	-18.7	120	-0.02
12	CM	1,1-Dichloroethene	50.000	48.807	2.4#	99	0.00
13	T	Acrolein	250.000	233.987	6.4	94	-0.01
14	T	Allyl chloride	50.000	50.474	-0.9	100	-0.01
15	T	Acrylonitrile	250.000	242.307	3.1	96	-0.01
16	T	Acetone	250.000	255.740	-2.3	100	0.00
17	T	Carbon Disulfide	50.000	47.546	4.9	100	-0.01
18	T	Methyl Acetate	50.000	46.955	6.1	95	-0.02
19	T	Methyl tert-butyl Ether	50.000	50.739	-1.5	98	-0.01
20	T	Methylene Chloride	50.000	53.891	-7.8	104	-0.02
21	T	trans-1,2-Dichloroethene	50.000	49.484	1.0	100	-0.01
22	T	Diisopropyl ether	50.000	52.405	-4.8	101	0.00
23	T	Vinyl Acetate	250.000	264.767	-5.9	100	-0.01
24	P	1,1-Dichloroethane	50.000	49.948	0.1	101	-0.01
25	T	2-Butanone	250.000	255.555	-2.2	99	0.00
26	T	2,2-Dichloropropane	50.000	51.350	-2.7	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.729	-1.5	100	-0.01
28	T	Bromochloromethane	50.000	46.716	6.6	99	-0.01
29	T	Tetrahydrofuran	250.000	249.771	0.1	96	0.00
30	C	Chloroform	50.000	49.782	0.4#	100	-0.01
31	T	Cyclohexane	50.000	46.833	6.3	101	0.00
32	T	1,1,1-Trichloroethane	50.000	49.903	0.2	101	-0.01
33	S	1,2-Dichloroethane-d4	50.000	48.702	2.6	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	50.106	-0.2	100	0.00
36	T	1,1-Dichloropropene	50.000	49.585	0.8	100	0.00
37	T	Ethyl Acetate	50.000	50.035	-0.1	99	-0.01
38	T	Carbon Tetrachloride	50.000	49.085	1.8	100	0.00
39	T	Methylcyclohexane	50.000	50.069	-0.1	101	0.00
40	TM	Benzene	50.000	49.601	0.8	100	0.00
41	T	Methacrylonitrile	50.000	52.712	-5.4	119	0.00
42	TM	1,2-Dichloroethane	50.000	49.337	1.3	99	0.00
43	T	Isopropyl Acetate	50.000	50.440	-0.9	98	0.00
44	TM	Trichloroethene	50.000	49.163	1.7	100	0.00
45	C	1,2-Dichloropropane	50.000	50.747	-1.5#	101	0.00
46	T	Dibromomethane	50.000	48.824	2.4	97	0.00
47	T	Bromodichloromethane	50.000	50.223	-0.4	99	0.00
48	T	Methyl methacrylate	50.000	51.578	-3.2	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1017.494	-1.7	96	0.00
50	S	Toluene-d8	50.000	50.536	-1.1	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.787	-0.3	95	0.00
52	CM	Toluene	50.000	50.755	-1.5#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	50.838	-1.7	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.983	-2.0	102	0.00
55	T	1,1,2-Trichloroethane	50.000	49.941	0.1	99	0.00
56	T	Ethyl methacrylate	50.000	52.808	-5.6	97	0.00
57	T	1,3-Dichloropropane	50.000	49.998	0.0	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	224.110	10.4	97	0.00
59	T	2-Hexanone	250.000	259.939	-4.0	97	0.00
60	T	Dibromochloromethane	50.000	49.439	1.1	97	0.00
61	T	1,2-Dibromoethane	50.000	50.340	-0.7	99	0.00
62	S	4-Bromofluorobenzene	50.000	51.661	-3.3	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	47.765	4.5	98	0.00
65	PM	Chlorobenzene	50.000	49.725	0.5	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.770	2.5	97	0.00
67	C	Ethyl Benzene	50.000	51.219	-2.4#	101	0.00
68	T	m/p-Xylenes	100.000	102.615	-2.6	100	0.00
69	T	o-Xylene	50.000	51.762	-3.5	101	0.00
70	T	Styrene	50.000	51.930	-3.9	101	0.00
71	P	Bromoform	50.000	50.584	-1.2	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	51.275	-2.5	101	0.00
74	T	N-amyl acetate	50.000	51.478	-3.0	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.835	0.3	98	0.00
76	T	1,2,3-Trichloropropane	50.000	46.373	7.3	93	0.00
77	T	Bromobenzene	50.000	49.977	0.0	100	0.00
78	T	n-propylbenzene	50.000	51.673	-3.3	101	0.00
79	T	2-Chlorotoluene	50.000	51.282	-2.6	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.555	-3.1	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.959	-1.9	98	0.00
82	T	4-Chlorotoluene	50.000	50.997	-2.0	102	0.00
83	T	tert-Butylbenzene	50.000	52.440	-4.9	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.025	-4.0	102	0.00
85	T	sec-Butylbenzene	50.000	52.077	-4.2	103	0.00
86	T	p-Isopropyltoluene	50.000	52.256	-4.5	103	0.00
87	T	1,3-Dichlorobenzene	50.000	50.421	-0.8	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.850	0.3	101	0.00
89	T	n-Butylbenzene	50.000	52.482	-5.0	104	0.00
90	T	Hexachloroethane	50.000	49.143	1.7	101	0.00
91	T	1,2-Dichlorobenzene	50.000	50.672	-1.3	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.801	4.4	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.222	-2.4	105	0.00
94	T	Hexachlorobutadiene	50.000	49.375	1.3	105	0.00
95	T	Naphthalene	50.000	53.139	-6.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.958	-1.9	106	0.00

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