Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051222\
Data File : VY008740.D
Acq On : 12 May 2022 18:20
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051222

Quant Time: May 13 02:09:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 2022
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	105	0.00
2	T	Dichlorodifluoromethane	50.000	46.397	7.2	97	0.00
3	P	Chloromethane	50.000	46.978	6.0	102	0.00
4	C	Vinyl Chloride	50.000	45.506	9.0#	99	0.00
5	T	Bromomethane	50.000	48.423	3.2	105	0.00
6	T	Chloroethane	50.000	44.560	10.9	98	0.00
7	T	Trichlorofluoromethane	50.000	44.146	11.7	99	0.00
8	T	Diethyl Ether	50.000	44.474	11.1	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.907	10.2	99	0.00
10	T	Methyl Iodide	50.000	44.444	11.1	92	0.00
11	T	Tert butyl alcohol	250.000	135.493	45.8#	125	0.00
12	CM	1,1-Dichloroethene	50.000	44.216	11.6#	99	0.00
13	T	Acrolein	250.000	178.954	28.4#	103	0.00
14	T	Allyl chloride	50.000	44.930	10.1	100	0.00
15	T	Acrylonitrile	250.000	237.859	4.9	112	-0.01
16	T	Acetone	250.000	242.836	2.9	108	0.00
17	T	Carbon Disulfide	50.000	42.942	14.1	99	0.00
18	T	Methyl Acetate	50.000	46.731	6.5	108	0.00
19	T	Methyl tert-butyl Ether	50.000	47.594	4.8	107	0.00
20	T	Methylene Chloride	50.000	49.072	1.9	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.037	11.9	100	0.00
22	T	Diisopropyl ether	50.000	46.889	6.2	102	0.00
23	T	Vinyl Acetate	250.000	268.390	-7.4	108	0.00
24	P	1,1-Dichloroethane	50.000	45.481	9.0	100	0.00
25	T	2-Butanone	250.000	244.155	2.3	113	0.00
26	T	2,2-Dichloropropane	50.000	46.354	7.3	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.083	7.8	100	0.00
28	T	Bromochloromethane	50.000	45.000	10.0	103	0.00
29	T	Tetrahydrofuran	250.000	243.239	2.7	113	0.00
30	C	Chloroform	50.000	46.151	7.7#	100	0.00
31	T	Cyclohexane	50.000	48.123	3.8	99	0.00
32	T	1,1,1-Trichloroethane	50.000	46.540	6.9	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.493	1.0	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	48.960	2.1	108	0.00
36	T	1,1-Dichloropropene	50.000	46.445	7.1	100	0.00
37	T	Ethyl Acetate	50.000	47.772	4.5	114	0.00
38	T	Carbon Tetrachloride	50.000	46.994	6.0	100	0.00
39	T	Methylcyclohexane	50.000	46.535	6.9	99	0.00
40	TM	Benzene	50.000	46.656	6.7	101	0.00
41	T	Methacrylonitrile	50.000	56.675	-13.3	116	0.00
42	TM	1,2-Dichloroethane	50.000	47.818	4.4	105	0.00
43	T	Isopropyl Acetate	50.000	50.250	-0.5	112	0.00
44	TM	Trichloroethene	50.000	46.750	6.5	99	0.00
45	C	1,2-Dichloropropane	50.000	47.921	4.2#	102	0.00
46	T	Dibromomethane	50.000	48.476	3.0	106	0.00
47	T	Bromodichloromethane	50.000	48.357	3.3	104	0.00
48	T	Methyl methacrylate	50.000	49.339	1.3	110	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	980.773	1.9	113	0.00
50	S	Toluene-d8	50.000	49.612	0.8	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.757	-1.5	114	0.00
52	CM	Toluene	50.000	48.670	2.7#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	49.404	1.2	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.236	5.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	48.833	2.3	106	0.00
56	T	Ethyl methacrylate	50.000	51.169	-2.3	109	0.00
57	T	1,3-Dichloropropane	50.000	49.194	1.6	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.637	-1.5	110	0.00
59	T	2-Hexanone	250.000	261.942	-4.8	115	0.00
60	T	Dibromochloromethane	50.000	49.627	0.7	106	0.00
61	T	1,2-Dibromoethane	50.000	48.760	2.5	109	0.00
62	S	4-Bromofluorobenzene	50.000	51.201	-2.4	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	44.567	10.9	100	0.00
65	PM	Chlorobenzene	50.000	47.301	5.4	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.099	1.8	104	0.00
67	C	Ethyl Benzene	50.000	49.232	1.5#	102	0.00
68	T	m/p-Xylenes	100.000	100.428	-0.4	102	0.00
69	T	o-Xylene	50.000	49.835	0.3	102	0.00
70	T	Styrene	50.000	51.710	-3.4	101	0.00
71	P	Bromoform	50.000	50.304	-0.6	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	45.709	8.6	100	0.00
74	T	N-amyl acetate	50.000	48.147	3.7	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.862	10.3	110	0.00
76	T	1,2,3-Trichloropropane	50.000	48.951	2.1	108	0.00
77	T	Bromobenzene	50.000	44.787	10.4	104	0.00
78	T	n-propylbenzene	50.000	45.857	8.3	100	0.00
79	T	2-Chlorotoluene	50.000	45.891	8.2	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.327	5.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.752	6.5	108	0.00
82	T	4-Chlorotoluene	50.000	46.996	6.0	100	0.00
83	T	tert-Butylbenzene	50.000	46.789	6.4	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.536	2.9	102	0.00
85	T	sec-Butylbenzene	50.000	47.689	4.6	99	0.00
86	T	p-Isopropyltoluene	50.000	48.497	3.0	100	0.00
87	T	1,3-Dichlorobenzene	50.000	46.877	6.2	101	0.00
88	T	1,4-Dichlorobenzene	50.000	46.725	6.5	102	0.00
89	T	n-Butylbenzene	50.000	47.203	5.6	99	0.00
90	T	Hexachloroethane	50.000	46.762	6.5	101	0.00
91	T	1,2-Dichlorobenzene	50.000	46.606	6.8	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.168	9.7	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.198	11.6	104	0.00
94	T	Hexachlorobutadiene	50.000	42.460	15.1	98	0.00
95	T	Naphthalene	50.000	45.264	9.5	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.352	13.3	105	0.00

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