Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016734.D
Acq On : 20 Dec 2023 19:40
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122023

Quant Time: Dec 21 01:36:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:19:29 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	40.561	18.9	95	0.00
3	P	Chloromethane	50.000	42.784	14.4	99	0.00
4	C	Vinyl Chloride	50.000	45.067	9.9#	99	0.00
5	T	Bromomethane	50.000	45.436	9.1	106	0.00
6	T	Chloroethane	50.000	45.218	9.6	102	0.00
7	T	Trichlorofluoromethane	50.000	43.572	12.9	97	0.00
8	T	Diethyl Ether	50.000	45.820	8.4	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.424	13.2	95	0.00
10	T	Methyl Iodide	50.000	47.737	4.5	99	0.00
11	T	Tert butyl alcohol	250.000	244.314	2.3	108	0.00
12	CM	1,1-Dichloroethene	50.000	45.953	8.1#	99	0.00
13	T	Acrolein	250.000	258.316	-3.3	94	0.00
14	T	Allyl chloride	50.000	48.119	3.8	101	0.00
15	T	Acrylonitrile	250.000	250.131	-0.1	101	0.00
16	T	Acetone	250.000	209.783	16.1	101	0.00
17	T	Carbon Disulfide	50.000	47.312	5.4	98	0.00
18	T	Methyl Acetate	50.000	54.788	-9.6	101	0.00
19	T	Methyl tert-butyl Ether	50.000	48.614	2.8	102	0.00
20	T	Methylene Chloride	50.000	46.371	7.3	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.189	5.6	100	0.00
22	T	Diisopropyl ether	50.000	48.374	3.3	101	0.00
23	T	Vinyl Acetate	250.000	241.429	3.4	102	0.00
24	P	1,1-Dichloroethane	50.000	46.804	6.4	100	0.00
25	T	2-Butanone	250.000	228.332	8.7	103	0.00
26	T	2,2-Dichloropropane	50.000	45.636	8.7	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.737	4.5	101	0.00
28	T	Bromochloromethane	50.000	59.616	-19.2	104	0.00
29	T	Tetrahydrofuran	250.000	263.889	-5.6	104	0.00
30	C	Chloroform	50.000	46.761	6.5#	101	0.00
31	T	Cyclohexane	50.000	42.633	14.7	95	0.00
32	T	1,1,1-Trichloroethane	50.000	45.383	9.2	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.536	-3.1	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	49.046	1.9	86	0.00
36	T	1,1-Dichloropropene	50.000	43.762	12.5	98	0.00
37	T	Ethyl Acetate	50.000	48.006	4.0	101	0.00
38	T	Carbon Tetrachloride	50.000	43.904	12.2	99	0.00
39	T	Methylcyclohexane	50.000	44.898	10.2	98	0.00
40	TM	Benzene	50.000	45.604	8.8	101	0.00
41	T	Methacrylonitrile	50.000	54.761	-9.5	105	0.00
42	TM	1,2-Dichloroethane	50.000	46.395	7.2	100	0.00
43	T	Isopropyl Acetate	50.000	47.638	4.7	103	0.00
44	TM	Trichloroethene	50.000	45.125	9.8	101	0.00
45	C	1,2-Dichloropropane	50.000	45.226	9.5#	101	0.00
46	T	Dibromomethane	50.000	46.913	6.2	103	0.00
47	T	Bromodichloromethane	50.000	45.627	8.7	102	0.00
48	T	Methyl methacrylate	50.000	47.768	4.5	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	980.870	1.9	104	0.00
50	S	Toluene-d8	50.000	48.984	2.0	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.022	2.8	102	0.00
52	CM	Toluene	50.000	46.637	6.7#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	47.737	4.5	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.413	5.2	103	0.00
55	T	1,1,2-Trichloroethane	50.000	46.964	6.1	103	0.00
56	T	Ethyl methacrylate	50.000	50.010	-0.0	103	0.00
57	T	1,3-Dichloropropane	50.000	46.907	6.2	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	294.014	-17.6	87	0.00
59	T	2-Hexanone	250.000	226.788	9.3	101	0.00
60	T	Dibromochloromethane	50.000	46.190	7.6	102	0.00
61	T	1,2-Dibromoethane	50.000	47.189	5.6	102	0.00
62	S	4-Bromofluorobenzene	50.000	49.419	1.2	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	45.326	9.3	103	0.00
65	PM	Chlorobenzene	50.000	45.367	9.3	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.594	10.8	101	0.00
67	C	Ethyl Benzene	50.000	45.651	8.7#	102	0.00
68	T	m/p-Xylenes	100.000	92.032	8.0	102	0.00
69	T	o-Xylene	50.000	46.709	6.6	102	0.00
70	T	Styrene	50.000	47.276	5.4	102	0.00
71	P	Bromoform	50.000	46.471	7.1	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	46.149	7.7	101	0.00
74	T	N-amyl acetate	50.000	48.894	2.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.158	7.7	103	0.00
76	T	1,2,3-Trichloropropane	50.000	42.995	14.0	108	0.00
77	T	Bromobenzene	50.000	46.257	7.5	103	0.00
78	T	n-propylbenzene	50.000	46.105	7.8	101	0.00
79	T	2-Chlorotoluene	50.000	46.076	7.8	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.661	6.7	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.474	7.1	103	0.00
82	T	4-Chlorotoluene	50.000	46.609	6.8	103	0.00
83	T	tert-Butylbenzene	50.000	46.728	6.5	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.403	5.2	102	0.00
85	T	sec-Butylbenzene	50.000	45.879	8.2	101	0.00
86	T	p-Isopropyltoluene	50.000	46.836	6.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	46.096	7.8	104	0.00
88	T	1,4-Dichlorobenzene	50.000	45.858	8.3	103	0.00
89	T	n-Butylbenzene	50.000	47.524	5.0	102	0.00
90	T	Hexachloroethane	50.000	45.607	8.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	46.272	7.5	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.309	7.4	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.484	3.0	105	0.00
94	T	Hexachlorobutadiene	50.000	47.252	5.5	104	0.00
95	T	Naphthalene	50.000	45.341	9.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.149	3.7	102	0.00

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