Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
Data File : VY014971.D
Acq On : 07 Aug 2023 18:25
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

Quant Time: Aug 08 07:54:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	44.645	10.7	102	0.00
3	P	Chloromethane	50.000	42.489	15.0	101	0.00
4	C	Vinyl Chloride	50.000	43.611	12.8#	102	0.00
5	T	Bromomethane	50.000	51.735	-3.5	106	0.00
6	T	Chloroethane	50.000	44.730	10.5	101	0.00
7	T	Trichlorofluoromethane	50.000	44.970	10.1	102	0.00
8	T	Diethyl Ether	50.000	45.067	9.9	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.990	8.0	103	0.00
10	T	Methyl Iodide	50.000	46.234	7.5	96	0.00
11	T	Tert butyl alcohol	250.000	176.102	29.6#	115	0.00
12	CM	1,1-Dichloroethene	50.000	45.640	8.7#	102	0.00
13	T	Acrolein	250.000	270.593	-8.2	129	0.00
14	T	Allyl chloride	50.000	45.188	9.6	99	0.00
15	T	Acrylonitrile	250.000	220.613	11.8	97	0.00
16	T	Acetone	250.000	191.107	23.6	83	0.00
17	T	Carbon Disulfide	50.000	44.087	11.8	102	0.00
18	T	Methyl Acetate	50.000	44.688	10.6	100	0.00
19	T	Methyl tert-butyl Ether	50.000	45.435	9.1	100	0.00
20	T	Methylene Chloride	50.000	44.814	10.4	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.219	9.6	101	0.00
22	T	Diisopropyl ether	50.000	46.258	7.5	100	0.00
23	T	Vinyl Acetate	250.000	227.065	9.2	97	0.00
24	P	1,1-Dichloroethane	50.000	46.392	7.2	102	0.00
25	T	2-Butanone	250.000	206.301	17.5	92	0.00
26	T	2,2-Dichloropropane	50.000	42.844	14.3	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.769	8.5	100	0.00
28	T	Bromochloromethane	50.000	45.633	8.7	99	0.00
29	T	Tetrahydrofuran	250.000	219.419	12.2	99	0.00
30	C	Chloroform	50.000	46.439	7.1#	100	0.00
31	T	Cyclohexane	50.000	47.774	4.5	103	0.00
32	T	1,1,1-Trichloroethane	50.000	46.924	6.2	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.937	12.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	45.350	9.3	96	0.00
36	T	1,1-Dichloropropene	50.000	46.458	7.1	101	0.00
37	T	Ethyl Acetate	50.000	43.917	12.2	98	0.00
38	T	Carbon Tetrachloride	50.000	47.354	5.3	101	0.00
39	T	Methylcyclohexane	50.000	46.390	7.2	103	0.00
40	TM	Benzene	50.000	45.967	8.1	101	0.00
41	T	Methacrylonitrile	50.000	43.792	12.4	94	0.00
42	TM	1,2-Dichloroethane	50.000	45.625	8.8	99	0.00
43	T	Isopropyl Acetate	50.000	44.768	10.5	98	0.00
44	TM	Trichloroethene	50.000	45.773	8.5	100	0.00
45	C	1,2-Dichloropropane	50.000	46.165	7.7#	100	0.00
46	T	Dibromomethane	50.000	45.083	9.8	98	0.00
47	T	Bromodichloromethane	50.000	47.805	4.4	101	0.00
48	T	Methyl methacrylate	50.000	45.596	8.8	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	909.869	9.0	100	0.00
50	S	Toluene-d8	50.000	44.548	10.9	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	225.569	9.8	98	0.00
52	CM	Toluene	50.000	46.765	6.5#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	47.123	5.8	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.188	7.6	97	0.00
55	T	1,1,2-Trichloroethane	50.000	46.184	7.6	100	0.00
56	T	Ethyl methacrylate	50.000	46.835	6.3	98	0.00
57	T	1,3-Dichloropropane	50.000	45.824	8.4	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.191	7.5	98	0.00
59	T	2-Hexanone	250.000	220.152	11.9	95	0.00
60	T	Dibromochloromethane	50.000	46.925	6.2	99	0.00
61	T	1,2-Dibromoethane	50.000	45.846	8.3	100	0.00
62	S	4-Bromofluorobenzene	50.000	44.924	10.2	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	44.568	10.9	94	0.00
65	PM	Chlorobenzene	50.000	46.448	7.1	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.852	6.3	99	0.00
67	C	Ethyl Benzene	50.000	46.602	6.8#	101	0.00
68	T	m/p-Xylenes	100.000	93.351	6.6	101	0.00
69	T	o-Xylene	50.000	46.744	6.5	101	0.00
70	T	Styrene	50.000	46.901	6.2	100	0.00
71	P	Bromoform	50.000	46.977	6.0	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	47.840	4.3	101	0.00
74	T	N-amyl acetate	50.000	46.471	7.1	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.192	5.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	44.394	11.2	96	0.00
77	T	Bromobenzene	50.000	46.929	6.1	100	0.00
78	T	n-propylbenzene	50.000	47.172	5.7	100	0.00
79	T	2-Chlorotoluene	50.000	47.115	5.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.781	4.4	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.196	7.6	96	0.00
82	T	4-Chlorotoluene	50.000	46.966	6.1	100	0.00
83	T	tert-Butylbenzene	50.000	47.783	4.4	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.133	5.7	99	0.00
85	T	sec-Butylbenzene	50.000	47.575	4.8	101	0.00
86	T	p-Isopropyltoluene	50.000	47.399	5.2	100	0.00
87	T	1,3-Dichlorobenzene	50.000	46.465	7.1	99	0.00
88	T	1,4-Dichlorobenzene	50.000	46.753	6.5	99	0.00
89	T	n-Butylbenzene	50.000	47.889	4.2	100	0.00
90	T	Hexachloroethane	50.000	47.346	5.3	99	0.00
91	T	1,2-Dichlorobenzene	50.000	46.642	6.7	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.684	10.6	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.335	5.3	98	0.00
94	T	Hexachlorobutadiene	50.000	46.959	6.1	97	0.00
95	T	Naphthalene	50.000	47.837	4.3	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.853	4.3	99	0.00

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