Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
Data File : VD075261.D
Acq On : 07 Feb 2023 15:37
Operator : KP/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD020723

Quant Time: Feb 08 04:31:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:25:29 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	46.942	6.1	97	0.00
3	P	Chloromethane	50.000	44.749	10.5	93	0.00
4	C	Vinyl Chloride	50.000	42.503	15.0#	93	0.00
5	T	Bromomethane	50.000	46.584	6.8	113	0.00
6	T	Chloroethane	50.000	44.201	11.6	99	0.00
7	T	Trichlorofluoromethane	50.000	45.016	10.0	98	0.00
8	T	Diethyl Ether	50.000	47.671	4.7	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.727	4.5	101	0.00
10	T	Methyl Iodide	50.000	47.901	4.2	100	0.00
11	T	Tert butyl alcohol	250.000	237.320	5.1	113	0.01
12	CM	1,1-Dichloroethene	50.000	47.384	5.2#	101	0.00
13	T	Acrolein	250.000	200.824	19.7	98	0.00
14	T	Allyl chloride	50.000	48.354	3.3	106	0.00
15	T	Acrylonitrile	250.000	246.273	1.5	103	0.00
16	T	Acetone	250.000	274.619	-9.8	106	0.00
17	T	Carbon Disulfide	50.000	44.242	11.5	98	0.00
18	T	Methyl Acetate	50.000	46.468	7.1	100	0.00
19	T	Methyl tert-butyl Ether	50.000	49.429	1.1	104	0.00
20	T	Methylene Chloride	50.000	50.986	-2.0	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.534	6.9	98	0.00
22	T	Diisopropyl ether	50.000	49.580	0.8	102	0.00
23	T	Vinyl Acetate	250.000	297.184	-18.9	133	0.00
24	P	1,1-Dichloroethane	50.000	46.948	6.1	100	0.00
25	T	2-Butanone	250.000	253.897	-1.6	104	0.00
26	T	2,2-Dichloropropane	50.000	49.735	0.5	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.342	3.3	103	0.00
28	T	Bromochloromethane	50.000	49.590	0.8	105	0.00
29	T	Tetrahydrofuran	250.000	243.526	2.6	100	0.00
30	C	Chloroform	50.000	46.483	7.0#	99	0.00
31	T	Cyclohexane	50.000	44.901	10.2	100	0.00
32	T	1,1,1-Trichloroethane	50.000	47.975	4.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.508	7.0	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	49.161	1.7	105	0.00
36	T	1,1-Dichloropropene	50.000	48.953	2.1	100	0.00
37	T	Ethyl Acetate	50.000	47.830	4.3	107	0.00
38	T	Carbon Tetrachloride	50.000	50.872	-1.7	103	0.00
39	T	Methylcyclohexane	50.000	49.073	1.9	97	0.00
40	TM	Benzene	50.000	47.852	4.3	98	0.00
41	T	Methacrylonitrile	50.000	48.160	3.7	109	0.00
42	TM	1,2-Dichloroethane	50.000	48.403	3.2	101	0.00
43	T	Isopropyl Acetate	50.000	49.991	0.0	105	0.00
44	TM	Trichloroethene	50.000	46.916	6.2	97	0.00
45	C	1,2-Dichloropropane	50.000	48.025	4.0#	100	0.00
46	T	Dibromomethane	50.000	47.045	5.9	99	0.00
47	T	Bromodichloromethane	50.000	49.042	1.9	100	0.00
48	T	Methyl methacrylate	50.000	51.234	-2.5	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	962.520	3.7	95	0.00
50	S	Toluene-d8	50.000	47.140	5.7	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.503	-1.4	101	0.00
52	CM	Toluene	50.000	49.314	1.4#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	53.189	-6.4	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.557	-3.1	103	0.00
55	T	1,1,2-Trichloroethane	50.000	50.701	-1.4	102	0.00
56	T	Ethyl methacrylate	50.000	51.799	-3.6	101	0.00
57	T	1,3-Dichloropropane	50.000	48.956	2.1	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.063	-8.0	123	0.00
59	T	2-Hexanone	250.000	259.669	-3.9	101	0.00
60	T	Dibromochloromethane	50.000	50.145	-0.3	100	0.00
61	T	1,2-Dibromoethane	50.000	49.161	1.7	101	0.00
62	S	4-Bromofluorobenzene	50.000	48.398	3.2	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	46.784	6.4	98	0.00
65	PM	Chlorobenzene	50.000	48.100	3.8	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.588	2.8	98	0.00
67	C	Ethyl Benzene	50.000	48.644	2.7#	98	0.00
68	T	m/p-Xylenes	100.000	97.595	2.4	97	0.00
69	T	o-Xylene	50.000	49.468	1.1	100	0.00
70	T	Styrene	50.000	48.695	2.6	98	0.00
71	P	Bromoform	50.000	50.577	-1.2	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	49.929	0.1	99	0.00
74	T	N-amyl acetate	50.000	51.415	-2.8	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.720	0.6	102	0.00
76	T	1,2,3-Trichloropropane	50.000	45.093	9.8	100	0.00
77	T	Bromobenzene	50.000	47.636	4.7	96	0.00
78	T	n-propylbenzene	50.000	49.400	1.2	97	0.00
79	T	2-Chlorotoluene	50.000	47.830	4.3	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.792	0.4	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.627	-5.3	113	0.00
82	T	4-Chlorotoluene	50.000	48.544	2.9	97	0.00
83	T	tert-Butylbenzene	50.000	50.090	-0.2	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.097	1.8	97	0.00
85	T	sec-Butylbenzene	50.000	49.388	1.2	97	0.00
86	T	p-Isopropyltoluene	50.000	49.494	1.0	95	0.00
87	T	1,3-Dichlorobenzene	50.000	47.983	4.0	96	0.00
88	T	1,4-Dichlorobenzene	50.000	48.502	3.0	99	0.00
89	T	n-Butylbenzene	50.000	49.402	1.2	97	0.00
90	T	Hexachloroethane	50.000	48.669	2.7	98	0.00
91	T	1,2-Dichlorobenzene	50.000	49.230	1.5	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.706	-3.4	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.434	1.1	99	0.00
94	T	Hexachlorobutadiene	50.000	50.166	-0.3	97	0.00
95	T	Naphthalene	50.000	50.705	-1.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.993	0.0	100	0.00

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