Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
Data File : VD077444.D
Acq On : 30 Oct 2023 13:05
Operator : JC/SY
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Quant Time: Oct 31 04:24:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	47.179	5.6	96	0.00
3	P	Chloromethane	50.000	55.793	-11.6	96	0.00
4	C	Vinyl Chloride	50.000	54.243	-8.5#	95	0.00
5	T	Bromomethane	50.000	51.716	-3.4	89	0.00
6	T	Chloroethane	50.000	52.666	-5.3	92	0.00
7	T	Trichlorofluoromethane	50.000	50.908	-1.8	95	0.00
8	T	Diethyl Ether	50.000	54.607	-9.2	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.675	0.7	94	0.00
10	T	Methyl Iodide	50.000	42.575	14.8	79	0.00
11	T	Tert butyl alcohol	250.000	254.186	-1.7	105	0.00
12	CM	1,1-Dichloroethene	50.000	51.569	-3.1#	94	0.00
13	T	Acrolein	250.000	256.702	-2.7	99	0.00
14	T	Allyl chloride	50.000	52.942	-5.9	92	0.00
15	T	Acrylonitrile	250.000	264.280	-5.7	96	0.00
16	T	Acetone	250.000	256.023	-2.4	93	0.00
17	T	Carbon Disulfide	50.000	50.753	-1.5	92	0.00
18	T	Methyl Acetate	50.000	55.649	-11.3	98	0.00
19	T	Methyl tert-butyl Ether	50.000	52.447	-4.9	97	0.00
20	T	Methylene Chloride	50.000	56.039	-12.1	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.478	-5.0	92	0.00
22	T	Diisopropyl ether	50.000	53.290	-6.6	97	0.00
23	T	Vinyl Acetate	250.000	258.575	-3.4	94	0.00
24	P	1,1-Dichloroethane	50.000	52.377	-4.8	95	0.00
25	T	2-Butanone	250.000	257.653	-3.1	98	0.00
26	T	2,2-Dichloropropane	50.000	49.300	1.4	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.316	-4.6	94	0.00
28	T	Bromochloromethane	50.000	54.888	-9.8	101	0.00
29	T	Tetrahydrofuran	250.000	267.972	-7.2	98	0.00
30	C	Chloroform	50.000	51.519	-3.0#	94	0.00
31	T	Cyclohexane	50.000	51.300	-2.6	96	0.00
32	T	1,1,1-Trichloroethane	50.000	50.250	-0.5	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.141	-10.3	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	54.070	-8.1	102	0.00
36	T	1,1-Dichloropropene	50.000	50.843	-1.7	92	0.00
37	T	Ethyl Acetate	50.000	51.446	-2.9	94	0.00
38	T	Carbon Tetrachloride	50.000	49.925	0.2	95	0.00
39	T	Methylcyclohexane	50.000	51.712	-3.4	95	0.00
40	TM	Benzene	50.000	52.575	-5.2	94	0.00
41	T	Methacrylonitrile	50.000	51.026	-2.1	100	0.00
42	TM	1,2-Dichloroethane	50.000	52.616	-5.2	97	0.00
43	T	Isopropyl Acetate	50.000	52.060	-4.1	95	0.00
44	TM	Trichloroethene	50.000	50.479	-1.0	92	0.00
45	C	1,2-Dichloropropane	50.000	51.659	-3.3#	94	0.00
46	T	Dibromomethane	50.000	51.065	-2.1	95	0.00
47	T	Bromodichloromethane	50.000	51.153	-2.3	94	0.00
48	T	Methyl methacrylate	50.000	52.854	-5.7	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1032.187	-3.2	95	0.00
50	S	Toluene-d8	50.000	53.548	-7.1	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.537	-5.0	100	0.00
52	CM	Toluene	50.000	51.687	-3.4#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	52.489	-5.0	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.376	-4.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	51.359	-2.7	97	0.00
56	T	Ethyl methacrylate	50.000	52.729	-5.5	98	0.00
57	T	1,3-Dichloropropane	50.000	51.999	-4.0	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.437	-13.4	100	0.00
59	T	2-Hexanone	250.000	258.123	-3.2	99	0.00
60	T	Dibromochloromethane	50.000	51.622	-3.2	97	0.00
61	T	1,2-Dibromoethane	50.000	51.137	-2.3	94	0.00
62	S	4-Bromofluorobenzene	50.000	54.701	-9.4	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	48.690	2.6	92	0.00
65	PM	Chlorobenzene	50.000	51.056	-2.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.797	0.4	93	0.00
67	C	Ethyl Benzene	50.000	50.591	-1.2#	94	0.00
68	T	m/p-Xylenes	100.000	100.490	-0.5	93	0.00
69	T	o-Xylene	50.000	50.879	-1.8	94	0.00
70	T	Styrene	50.000	50.654	-1.3	94	0.00
71	P	Bromoform	50.000	49.341	1.3	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	49.245	1.5	94	0.00
74	T	N-amyl acetate	50.000	51.809	-3.6	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.509	-1.0	95	0.00
76	T	1,2,3-Trichloropropane	50.000	49.832	0.3	97	0.00
77	T	Bromobenzene	50.000	49.654	0.7	94	0.00
78	T	n-propylbenzene	50.000	48.814	2.4	93	0.00
79	T	2-Chlorotoluene	50.000	49.383	1.2	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.986	2.0	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.931	0.1	97	0.00
82	T	4-Chlorotoluene	50.000	48.770	2.5	93	0.00
83	T	tert-Butylbenzene	50.000	48.545	2.9	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.196	1.6	94	0.00
85	T	sec-Butylbenzene	50.000	48.308	3.4	94	0.00
86	T	p-Isopropyltoluene	50.000	48.538	2.9	93	0.00
87	T	1,3-Dichlorobenzene	50.000	50.001	-0.0	95	0.00
88	T	1,4-Dichlorobenzene	50.000	49.591	0.8	95	0.00
89	T	n-Butylbenzene	50.000	48.560	2.9	94	0.00
90	T	Hexachloroethane	50.000	48.784	2.4	94	0.00
91	T	1,2-Dichlorobenzene	50.000	50.079	-0.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.450	1.1	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.687	-1.4	97	0.00
94	T	Hexachlorobutadiene	50.000	49.091	1.8	97	0.00
95	T	Naphthalene	50.000	51.572	-3.1	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.398	-0.8	95	0.00

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