Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
Data File : VD078096.D
Acq On : 28 Dec 2023 16:52
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 28 22:27:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	42.178	15.6	91	0.00
3	P	Chloromethane	50.000	48.698	2.6	97	0.00
4	C	Vinyl Chloride	50.000	48.134	3.7#	93	0.00
5	T	Bromomethane	50.000	43.322	13.4	91	0.00
6	T	Chloroethane	50.000	48.810	2.4	96	0.00
7	T	Trichlorofluoromethane	50.000	46.479	7.0	94	0.00
8	T	Diethyl Ether	50.000	49.480	1.0	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.376	7.2	95	0.00
10	T	Methyl Iodide	50.000	50.504	-1.0	91	0.00
11	T	Tert butyl alcohol	250.000	282.594	-13.0	98	0.00
12	CM	1,1-Dichloroethene	50.000	47.742	4.5#	94	-0.01
13	T	Acrolein	250.000	151.435	39.4#	78	0.00
14	T	Allyl chloride	50.000	48.448	3.1	101	0.00
15	T	Acrylonitrile	250.000	250.984	-0.4	100	0.00
16	T	Acetone	250.000	239.782	4.1	100	0.00
17	T	Carbon Disulfide	50.000	50.001	-0.0	93	0.00
18	T	Methyl Acetate	50.000	56.012	-12.0	104	0.00
19	T	Methyl tert-butyl Ether	50.000	51.502	-3.0	101	0.00
20	T	Methylene Chloride	50.000	57.804	-15.6	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.409	-0.8	99	0.00
22	T	Diisopropyl ether	50.000	52.084	-4.2	101	0.00
23	T	Vinyl Acetate	250.000	248.866	0.5	99	0.00
24	P	1,1-Dichloroethane	50.000	49.400	1.2	100	0.00
25	T	2-Butanone	250.000	249.535	0.2	101	0.00
26	T	2,2-Dichloropropane	50.000	45.966	8.1	92	-0.01
27	T	cis-1,2-Dichloroethene	50.000	51.464	-2.9	102	0.00
28	T	Bromochloromethane	50.000	47.054	5.9	87	0.00
29	T	Tetrahydrofuran	250.000	246.395	1.4	103	0.00
30	C	Chloroform	50.000	50.660	-1.3#	100	0.00
31	T	Cyclohexane	50.000	46.440	7.1	92	0.00
32	T	1,1,1-Trichloroethane	50.000	49.780	0.4	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.944	-1.9	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	50.131	-0.3	111	0.00
36	T	1,1-Dichloropropene	50.000	49.335	1.3	95	0.00
37	T	Ethyl Acetate	50.000	46.613	6.8	94	0.00
38	T	Carbon Tetrachloride	50.000	50.869	-1.7	100	-0.01
39	T	Methylcyclohexane	50.000	49.862	0.3	96	0.00
40	TM	Benzene	50.000	51.960	-3.9	99	0.00
41	T	Methacrylonitrile	50.000	39.920	20.2	81	0.00
42	TM	1,2-Dichloroethane	50.000	51.709	-3.4	99	0.00
43	T	Isopropyl Acetate	50.000	49.550	0.9	98	0.00
44	TM	Trichloroethene	50.000	49.885	0.2	97	0.00
45	C	1,2-Dichloropropane	50.000	51.440	-2.9#	99	0.00
46	T	Dibromomethane	50.000	52.902	-5.8	100	0.00
47	T	Bromodichloromethane	50.000	52.469	-4.9	104	0.00
48	T	Methyl methacrylate	50.000	49.195	1.6	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1044.183	-4.4	100	0.00
50	S	Toluene-d8	50.000	50.952	-1.9	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.788	-3.1	101	0.00
52	CM	Toluene	50.000	53.264	-6.5#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	52.401	-4.8	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.767	-3.5	100	0.00
55	T	1,1,2-Trichloroethane	50.000	52.499	-5.0	102	0.00
56	T	Ethyl methacrylate	50.000	55.329	-10.7	105	0.00
57	T	1,3-Dichloropropane	50.000	52.859	-5.7	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	298.207	-19.3	94	0.00
59	T	2-Hexanone	250.000	241.803	3.3	103	0.00
60	T	Dibromochloromethane	50.000	52.549	-5.1	100	0.00
61	T	1,2-Dibromoethane	50.000	52.628	-5.3	102	0.00
62	S	4-Bromofluorobenzene	50.000	52.103	-4.2	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	49.208	1.6	101	0.00
65	PM	Chlorobenzene	50.000	50.090	-0.2	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.207	-4.4	106	0.00
67	C	Ethyl Benzene	50.000	50.569	-1.1#	101	0.00
68	T	m/p-Xylenes	100.000	104.077	-4.1	103	0.00
69	T	o-Xylene	50.000	51.731	-3.5	103	0.00
70	T	Styrene	50.000	53.302	-6.6	102	0.00
71	P	Bromoform	50.000	51.954	-3.9	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	48.431	3.1	101	0.00
74	T	N-amyl acetate	50.000	46.542	6.9	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.027	3.9	103	0.00
76	T	1,2,3-Trichloropropane	50.000	45.257	9.5	95	0.00
77	T	Bromobenzene	50.000	50.047	-0.1	106	0.00
78	T	n-propylbenzene	50.000	47.922	4.2	101	0.00
79	T	2-Chlorotoluene	50.000	49.108	1.8	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.315	1.4	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.749	8.5	100	0.00
82	T	4-Chlorotoluene	50.000	47.725	4.5	100	0.00
83	T	tert-Butylbenzene	50.000	49.220	1.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.824	0.4	104	0.00
85	T	sec-Butylbenzene	50.000	48.865	2.3	102	0.00
86	T	p-Isopropyltoluene	50.000	49.670	0.7	105	0.00
87	T	1,3-Dichlorobenzene	50.000	50.768	-1.5	107	0.00
88	T	1,4-Dichlorobenzene	50.000	49.588	0.8	104	0.00
89	T	n-Butylbenzene	50.000	47.993	4.0	102	0.00
90	T	Hexachloroethane	50.000	49.109	1.8	104	0.00
91	T	1,2-Dichlorobenzene	50.000	49.888	0.2	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.611	2.8	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.772	-1.5	110	0.00
94	T	Hexachlorobutadiene	50.000	50.437	-0.9	110	0.00
95	T	Naphthalene	50.000	51.340	-2.7	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.901	-3.8	111	0.00

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