Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
Data File : VD078056.D
Acq On : 22 Dec 2023 11:19
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 03:33:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	105	0.00
2	T	Dichlorodifluoromethane	50.000	44.289	11.4	96	0.00
3	P	Chloromethane	50.000	47.065	5.9	100	0.00
4	C	Vinyl Chloride	50.000	51.986	-4.0#	106	0.00
5	T	Bromomethane	50.000	67.603	-35.2#	137	0.00
6	T	Chloroethane	50.000	53.205	-6.4	110	0.00
7	T	Trichlorofluoromethane	50.000	48.498	3.0	100	0.01
8	T	Diethyl Ether	50.000	43.741	12.5	89	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.209	-0.4	102	0.01
10	T	Methyl Iodide	50.000	59.872	-19.7	127	0.00
11	T	Tert butyl alcohol	250.000	201.510	19.4	87	0.01
12	CM	1,1-Dichloroethene	50.000	48.966	2.1#	99	0.01
13	T	Acrolein	250.000	111.807	55.3#	48	0.00
14	T	Allyl chloride	50.000	41.694	16.6	86	0.00
15	T	Acrylonitrile	250.000	213.528	14.6	89	0.01
16	T	Acetone	250.000	266.594	-6.6	120	0.00
17	T	Carbon Disulfide	50.000	46.391	7.2	96	0.00
18	T	Methyl Acetate	50.000	42.690	14.6	89	0.00
19	T	Methyl tert-butyl Ether	50.000	46.496	7.0	96	0.00
20	T	Methylene Chloride	50.000	45.957	8.1	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.176	-0.4	99	0.01
22	T	Diisopropyl ether	50.000	43.229	13.5	87	0.00
23	T	Vinyl Acetate	250.000	210.925	15.6	85	0.00
24	P	1,1-Dichloroethane	50.000	46.696	6.6	95	0.01
25	T	2-Butanone	250.000	234.589	6.2	104	0.00
26	T	2,2-Dichloropropane	50.000	46.440	7.1	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.331	3.3	97	0.00
28	T	Bromochloromethane	50.000	39.961	20.1	82	0.01
29	T	Tetrahydrofuran	250.000	206.817	17.3	87	0.01
30	C	Chloroform	50.000	47.239	5.5#	96	0.00
31	T	Cyclohexane	50.000	44.352	11.3	93	0.00
32	T	1,1,1-Trichloroethane	50.000	48.264	3.5	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	39.673	20.7	81	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	46.653	6.7	89	0.00
36	T	1,1-Dichloropropene	50.000	52.628	-5.3	99	0.01
37	T	Ethyl Acetate	50.000	42.510	15.0	92	0.00
38	T	Carbon Tetrachloride	50.000	52.870	-5.7	100	0.00
39	T	Methylcyclohexane	50.000	54.735	-9.5	100	0.00
40	TM	Benzene	50.000	50.450	-0.9	96	0.00
41	T	Methacrylonitrile	50.000	45.961	8.1	97	0.00
42	TM	1,2-Dichloroethane	50.000	49.257	1.5	94	0.00
43	T	Isopropyl Acetate	50.000	44.079	11.8	87	0.00
44	TM	Trichloroethene	50.000	52.428	-4.9	98	0.00
45	C	1,2-Dichloropropane	50.000	50.148	-0.3#	96	0.00
46	T	Dibromomethane	50.000	51.940	-3.9	99	0.00
47	T	Bromodichloromethane	50.000	51.594	-3.2	97	0.00
48	T	Methyl methacrylate	50.000	44.366	11.3	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1004.102	-0.4	110	0.00
50	S	Toluene-d8	50.000	44.577	10.8	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	224.014	10.4	87	0.00
52	CM	Toluene	50.000	53.107	-6.2#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	50.850	-1.7	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.513	-1.0	95	0.00
55	T	1,1,2-Trichloroethane	50.000	51.516	-3.0	99	0.00
56	T	Ethyl methacrylate	50.000	48.228	3.5	92	0.00
57	T	1,3-Dichloropropane	50.000	51.088	-2.2	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	185.533	25.8#	77	0.00
59	T	2-Hexanone	250.000	217.309	13.1	96	0.00
60	T	Dibromochloromethane	50.000	52.511	-5.0	100	0.00
61	T	1,2-Dibromoethane	50.000	53.360	-6.7	104	0.00
62	S	4-Bromofluorobenzene	50.000	45.603	8.8	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	53.630	-7.3	101	0.00
65	PM	Chlorobenzene	50.000	49.292	1.4	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.881	-1.8	96	0.00
67	C	Ethyl Benzene	50.000	52.234	-4.5#	98	0.00
68	T	m/p-Xylenes	100.000	108.591	-8.6	99	0.00
69	T	o-Xylene	50.000	53.402	-6.8	99	0.00
70	T	Styrene	50.000	53.789	-7.6	99	0.00
71	P	Bromoform	50.000	51.166	-2.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	52.033	-4.1	98	0.00
74	T	N-amyl acetate	50.000	42.858	14.3	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.576	0.8	96	0.00
76	T	1,2,3-Trichloropropane	50.000	53.243	-6.5	90	0.00
77	T	Bromobenzene	50.000	50.564	-1.1	99	0.00
78	T	n-propylbenzene	50.000	53.033	-6.1	99	0.00
79	T	2-Chlorotoluene	50.000	51.361	-2.7	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.059	-6.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.737	2.5	96	0.00
82	T	4-Chlorotoluene	50.000	51.560	-3.1	98	0.00
83	T	tert-Butylbenzene	50.000	53.742	-7.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.066	-6.1	99	0.00
85	T	sec-Butylbenzene	50.000	54.654	-9.3	101	0.00
86	T	p-Isopropyltoluene	50.000	55.013	-10.0	100	0.00
87	T	1,3-Dichlorobenzene	50.000	52.007	-4.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	50.800	-1.6	97	0.00
89	T	n-Butylbenzene	50.000	55.479	-11.0	101	0.00
90	T	Hexachloroethane	50.000	55.702	-11.4	104	0.00
91	T	1,2-Dichlorobenzene	50.000	51.940	-3.9	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.997	2.0	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.698	4.6	96	0.00
94	T	Hexachlorobutadiene	50.000	52.241	-4.5	98	0.00
95	T	Naphthalene	50.000	51.412	-2.8	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.981	-2.0	101	0.00

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