Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075263.D
Acq On : 08 Feb 2023 10:16
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 09 05:39:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	50.219	-0.4	96	0.00
3	P	Chloromethane	50.000	47.085	5.8	91	0.00
4	C	Vinyl Chloride	50.000	44.099	11.8#	89	0.00
5	T	Bromomethane	50.000	46.142	7.7	104	0.00
6	T	Chloroethane	50.000	45.463	9.1	95	0.00
7	T	Trichlorofluoromethane	50.000	47.759	4.5	97	0.00
8	T	Diethyl Ether	50.000	49.108	1.8	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.814	0.4	98	0.00
10	T	Methyl Iodide	50.000	48.916	2.2	95	0.00
11	T	Tert butyl alcohol	250.000	234.949	6.0	104	0.00
12	CM	1,1-Dichloroethene	50.000	49.094	1.8#	98	0.00
13	T	Acrolein	250.000	202.406	19.0	92	0.00
14	T	Allyl chloride	50.000	50.678	-1.4	103	0.00
15	T	Acrylonitrile	250.000	249.854	0.1	97	-0.01
16	T	Acetone	250.000	265.087	-6.0	95	0.00
17	T	Carbon Disulfide	50.000	47.275	5.5	97	0.00
18	T	Methyl Acetate	50.000	48.108	3.8	96	0.00
19	T	Methyl tert-butyl Ether	50.000	50.727	-1.5	99	0.00
20	T	Methylene Chloride	50.000	50.818	-1.6	95	-0.01
21	T	trans-1,2-Dichloroethene	50.000	49.542	0.9	97	-0.01
22	T	Diisopropyl ether	50.000	51.973	-3.9	99	0.00
23	T	Vinyl Acetate	250.000	369.787	-47.9#	156	0.00
24	P	1,1-Dichloroethane	50.000	51.069	-2.1	101	-0.01
25	T	2-Butanone	250.000	248.869	0.5	95	0.00
26	T	2,2-Dichloropropane	50.000	51.320	-2.6	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.066	-2.1	101	0.00
28	T	Bromochloromethane	50.000	51.495	-3.0	101	0.00
29	T	Tetrahydrofuran	250.000	254.528	-1.8	97	0.00
30	C	Chloroform	50.000	51.756	-3.5#	102	0.00
31	T	Cyclohexane	50.000	48.613	2.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	51.545	-3.1	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.129	1.7	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	48.121	3.8	98	0.00
36	T	1,1-Dichloropropene	50.000	50.519	-1.0	99	0.00
37	T	Ethyl Acetate	50.000	49.128	1.7	105	0.00
38	T	Carbon Tetrachloride	50.000	53.114	-6.2	103	0.00
39	T	Methylcyclohexane	50.000	50.272	-0.5	95	0.00
40	TM	Benzene	50.000	50.140	-0.3	98	0.00
41	T	Methacrylonitrile	50.000	41.120	17.8	89	-0.01
42	TM	1,2-Dichloroethane	50.000	50.018	-0.0	99	0.00
43	T	Isopropyl Acetate	50.000	48.484	3.0	97	0.00
44	TM	Trichloroethene	50.000	49.169	1.7	97	0.00
45	C	1,2-Dichloropropane	50.000	50.242	-0.5#	100	0.00
46	T	Dibromomethane	50.000	49.215	1.6	99	0.00
47	T	Bromodichloromethane	50.000	50.397	-0.8	98	0.00
48	T	Methyl methacrylate	50.000	50.705	-1.4	96	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	957.044	4.3	91	0.00
50	S	Toluene-d8	50.000	48.507	3.0	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.805	-0.3	96	0.00
52	CM	Toluene	50.000	51.124	-2.2#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	54.089	-8.2	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.110	-8.2	103	0.00
55	T	1,1,2-Trichloroethane	50.000	51.422	-2.8	99	0.00
56	T	Ethyl methacrylate	50.000	52.978	-6.0	98	0.00
57	T	1,3-Dichloropropane	50.000	51.223	-2.4	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	284.610	-13.8	125	0.00
59	T	2-Hexanone	250.000	257.602	-3.0	96	0.00
60	T	Dibromochloromethane	50.000	51.088	-2.2	97	0.00
61	T	1,2-Dibromoethane	50.000	52.113	-4.2	102	0.00
62	S	4-Bromofluorobenzene	50.000	49.478	1.0	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	50.571	-1.1	98	0.00
65	PM	Chlorobenzene	50.000	50.494	-1.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.667	-3.3	96	0.00
67	C	Ethyl Benzene	50.000	51.887	-3.8#	97	0.00
68	T	m/p-Xylenes	100.000	106.700	-6.7	98	0.00
69	T	o-Xylene	50.000	53.797	-7.6	100	0.00
70	T	Styrene	50.000	53.501	-7.0	100	0.00
71	P	Bromoform	50.000	52.389	-4.8	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	51.123	-2.2	98	0.00
74	T	N-amyl acetate	50.000	51.037	-2.1	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.332	1.3	98	0.00
76	T	1,2,3-Trichloropropane	50.000	47.308	5.4	102	0.00
77	T	Bromobenzene	50.000	49.352	1.3	96	0.00
78	T	n-propylbenzene	50.000	51.517	-3.0	97	0.00
79	T	2-Chlorotoluene	50.000	50.752	-1.5	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.216	-2.4	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.630	-19.3	124	0.00
82	T	4-Chlorotoluene	50.000	50.594	-1.2	98	0.00
83	T	tert-Butylbenzene	50.000	51.205	-2.4	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.709	-3.4	98	0.00
85	T	sec-Butylbenzene	50.000	51.935	-3.9	99	0.00
86	T	p-Isopropyltoluene	50.000	52.664	-5.3	98	0.00
87	T	1,3-Dichlorobenzene	50.000	51.110	-2.2	99	0.00
88	T	1,4-Dichlorobenzene	50.000	50.659	-1.3	100	0.00
89	T	n-Butylbenzene	50.000	52.075	-4.2	99	0.00
90	T	Hexachloroethane	50.000	51.008	-2.0	99	0.00
91	T	1,2-Dichlorobenzene	50.000	51.072	-2.1	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.049	-8.1	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.448	-0.9	98	0.00
94	T	Hexachlorobutadiene	50.000	50.419	-0.8	94	0.00
95	T	Naphthalene	50.000	49.897	0.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.709	-1.4	98	0.00

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