Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
Data File : VD075504.D
Acq On : 13 Mar 2023 11:24
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: Mar 14 05:55:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	42.152	15.7	97	0.00
3	P	Chloromethane	50.000	45.744	8.5	97	0.00
4	C	Vinyl Chloride	50.000	43.508	13.0#	99	0.00
5	T	Bromomethane	50.000	42.746	14.5	97	0.00
6	T	Chloroethane	50.000	42.963	14.1	98	0.00
7	T	Trichlorofluoromethane	50.000	43.501	13.0	99	0.00
8	T	Diethyl Ether	50.000	45.026	9.9	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.414	13.2	99	0.00
10	T	Methyl Iodide	50.000	45.918	8.2	101	0.00
11	T	Tert butyl alcohol	250.000	234.436	6.2	98	0.00
12	CM	1,1-Dichloroethene	50.000	43.767	12.5#	96	0.00
13	T	Acrolein	250.000	212.357	15.1	97	0.00
14	T	Allyl chloride	50.000	43.305	13.4	98	0.00
15	T	Acrylonitrile	250.000	224.193	10.3	100	0.00
16	T	Acetone	250.000	297.052	-18.8	115	0.00
17	T	Carbon Disulfide	50.000	42.517	15.0	96	0.00
18	T	Methyl Acetate	50.000	44.926	10.1	102	0.00
19	T	Methyl tert-butyl Ether	50.000	45.672	8.7	98	0.00
20	T	Methylene Chloride	50.000	47.858	4.3	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.632	12.7	97	0.00
22	T	Diisopropyl ether	50.000	45.035	9.9	97	0.00
23	T	Vinyl Acetate	250.000	227.262	9.1	97	0.00
24	P	1,1-Dichloroethane	50.000	43.409	13.2	97	0.00
25	T	2-Butanone	250.000	253.072	-1.2	109	0.00
26	T	2,2-Dichloropropane	50.000	44.284	11.4	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.820	10.4	98	0.00
28	T	Bromochloromethane	50.000	45.526	8.9	98	0.00
29	T	Tetrahydrofuran	250.000	229.289	8.3	102	0.00
30	C	Chloroform	50.000	43.790	12.4#	97	0.00
31	T	Cyclohexane	50.000	41.678	16.6	95	0.00
32	T	1,1,1-Trichloroethane	50.000	44.524	11.0	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.550	2.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	49.341	1.3	101	0.00
36	T	1,1-Dichloropropene	50.000	45.434	9.1	98	0.00
37	T	Ethyl Acetate	50.000	44.881	10.2	97	0.00
38	T	Carbon Tetrachloride	50.000	45.499	9.0	98	0.00
39	T	Methylcyclohexane	50.000	44.213	11.6	96	0.00
40	TM	Benzene	50.000	44.749	10.5	97	0.00
41	T	Methacrylonitrile	50.000	45.140	9.7	99	0.00
42	TM	1,2-Dichloroethane	50.000	44.715	10.6	97	0.00
43	T	Isopropyl Acetate	50.000	45.521	9.0	98	0.00
44	TM	Trichloroethene	50.000	44.263	11.5	99	0.00
45	C	1,2-Dichloropropane	50.000	45.484	9.0#	98	0.00
46	T	Dibromomethane	50.000	45.923	8.2	100	0.00
47	T	Bromodichloromethane	50.000	44.770	10.5	97	0.00
48	T	Methyl methacrylate	50.000	46.716	6.6	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	951.894	4.8	98	0.00
50	S	Toluene-d8	50.000	51.365	-2.7	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.560	4.6	102	0.00
52	CM	Toluene	50.000	45.772	8.5#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	45.591	8.8	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.634	8.7	98	0.00
55	T	1,1,2-Trichloroethane	50.000	45.599	8.8	99	0.00
56	T	Ethyl methacrylate	50.000	47.721	4.6	98	0.00
57	T	1,3-Dichloropropane	50.000	45.441	9.1	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.675	3.7	99	0.00
59	T	2-Hexanone	250.000	266.485	-6.6	110	0.00
60	T	Dibromochloromethane	50.000	46.213	7.6	100	0.00
61	T	1,2-Dibromoethane	50.000	45.930	8.1	98	0.00
62	S	4-Bromofluorobenzene	50.000	49.636	0.7	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	46.630	6.7	100	0.00
65	PM	Chlorobenzene	50.000	44.454	11.1	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.757	8.5	99	0.00
67	C	Ethyl Benzene	50.000	45.986	8.0#	97	0.00
68	T	m/p-Xylenes	100.000	94.359	5.6	98	0.00
69	T	o-Xylene	50.000	46.616	6.8	97	0.00
70	T	Styrene	50.000	48.181	3.6	99	0.00
71	P	Bromoform	50.000	46.921	6.2	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	46.464	7.1	98	0.00
74	T	N-amyl acetate	50.000	46.803	6.4	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.665	10.7	100	0.00
76	T	1,2,3-Trichloropropane	50.000	45.567	8.9	104	0.00
77	T	Bromobenzene	50.000	44.904	10.2	99	0.00
78	T	n-propylbenzene	50.000	46.200	7.6	99	0.00
79	T	2-Chlorotoluene	50.000	44.778	10.4	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.034	7.9	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.362	9.3	96	0.00
82	T	4-Chlorotoluene	50.000	44.755	10.5	99	0.00
83	T	tert-Butylbenzene	50.000	47.025	6.0	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.627	4.7	101	0.00
85	T	sec-Butylbenzene	50.000	45.917	8.2	98	0.00
86	T	p-Isopropyltoluene	50.000	47.244	5.5	99	0.00
87	T	1,3-Dichlorobenzene	50.000	46.148	7.7	101	0.00
88	T	1,4-Dichlorobenzene	50.000	44.668	10.7	100	0.00
89	T	n-Butylbenzene	50.000	46.636	6.7	100	0.00
90	T	Hexachloroethane	50.000	45.438	9.1	102	0.00
91	T	1,2-Dichlorobenzene	50.000	45.522	9.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.965	14.1	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.484	11.0	100	0.00
94	T	Hexachlorobutadiene	50.000	45.341	9.3	99	0.00
95	T	Naphthalene	50.000	46.023	8.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.554	10.9	101	0.00

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