Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
Data File : VD077472.D
Acq On : 01 Nov 2023 10:09
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 02 00:52:04 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	47.700	4.6	80	0.00
3	P	Chloromethane	50.000	56.349	-12.7	80	0.00
4	C	Vinyl Chloride	50.000	61.053	-22.1#	88	0.00
5	T	Bromomethane	50.000	61.736	-23.5	87	0.00
6	T	Chloroethane	50.000	59.927	-19.9	87	0.00
7	T	Trichlorofluoromethane	50.000	50.297	-0.6	77	0.00
8	T	Diethyl Ether	50.000	51.462	-2.9	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.575	0.8	77	0.00
10	T	Methyl Iodide	50.000	43.902	12.2	67	0.00
11	T	Tert butyl alcohol	250.000	224.315	10.3	76	0.00
12	CM	1,1-Dichloroethene	50.000	51.823	-3.6#	78	0.00
13	T	Acrolein	250.000	224.247	10.3	71	0.00
14	T	Allyl chloride	50.000	50.872	-1.7	73	0.00
15	T	Acrylonitrile	250.000	256.630	-2.7	77	0.00
16	T	Acetone	250.000	266.523	-6.6	80	0.00
17	T	Carbon Disulfide	50.000	49.934	0.1	75	0.00
18	T	Methyl Acetate	50.000	53.198	-6.4	77	0.00
19	T	Methyl tert-butyl Ether	50.000	49.275	1.5	75	0.00
20	T	Methylene Chloride	50.000	47.668	4.7	72	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.605	-3.2	75	0.00
22	T	Diisopropyl ether	50.000	50.122	-0.2	75	0.00
23	T	Vinyl Acetate	250.000	244.214	2.3	73	0.00
24	P	1,1-Dichloroethane	50.000	49.493	1.0	74	0.00
25	T	2-Butanone	250.000	248.401	0.6	78	0.00
26	T	2,2-Dichloropropane	50.000	47.224	5.6	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.554	0.9	73	0.00
28	T	Bromochloromethane	50.000	50.349	-0.7	76	0.00
29	T	Tetrahydrofuran	250.000	254.980	-2.0	77	0.00
30	C	Chloroform	50.000	48.287	3.4#	72	0.00
31	T	Cyclohexane	50.000	51.231	-2.5	79	0.00
32	T	1,1,1-Trichloroethane	50.000	49.534	0.9	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.699	2.6	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	48.287	3.4	76	0.00
36	T	1,1-Dichloropropene	50.000	51.294	-2.6	77	0.00
37	T	Ethyl Acetate	50.000	49.772	0.5	75	0.00
38	T	Carbon Tetrachloride	50.000	49.171	1.7	78	0.00
39	T	Methylcyclohexane	50.000	51.850	-3.7	79	0.00
40	TM	Benzene	50.000	49.884	0.2	74	0.00
41	T	Methacrylonitrile	50.000	47.232	5.5	76	0.00
42	TM	1,2-Dichloroethane	50.000	47.680	4.6	73	0.00
43	T	Isopropyl Acetate	50.000	49.561	0.9	75	0.00
44	TM	Trichloroethene	50.000	47.891	4.2	73	0.00
45	C	1,2-Dichloropropane	50.000	50.053	-0.1#	76	0.00
46	T	Dibromomethane	50.000	46.493	7.0	72	0.00
47	T	Bromodichloromethane	50.000	47.437	5.1	73	0.00
48	T	Methyl methacrylate	50.000	49.646	0.7	73	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	975.108	2.5	75	0.00
50	S	Toluene-d8	50.000	49.588	0.8	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	245.907	1.6	77	0.00
52	CM	Toluene	50.000	48.941	2.1#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	48.562	2.9	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.283	3.4	73	0.00
55	T	1,1,2-Trichloroethane	50.000	47.660	4.7	75	0.00
56	T	Ethyl methacrylate	50.000	48.689	2.6	75	0.00
57	T	1,3-Dichloropropane	50.000	48.404	3.2	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.144	1.1	72	0.00
59	T	2-Hexanone	250.000	244.676	2.1	78	0.00
60	T	Dibromochloromethane	50.000	46.661	6.7	72	0.00
61	T	1,2-Dibromoethane	50.000	46.342	7.3	71	0.00
62	S	4-Bromofluorobenzene	50.000	46.699	6.6	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	47.419	5.2	73	0.00
65	PM	Chlorobenzene	50.000	47.782	4.4	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.120	7.8	70	0.00
67	C	Ethyl Benzene	50.000	49.052	1.9#	74	0.00
68	T	m/p-Xylenes	100.000	97.876	2.1	74	0.00
69	T	o-Xylene	50.000	49.297	1.4	74	0.00
70	T	Styrene	50.000	47.872	4.3	72	0.00
71	P	Bromoform	50.000	46.050	7.9	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	49.476	1.0	76	0.00
74	T	N-amyl acetate	50.000	48.279	3.4	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.895	2.2	73	0.00
76	T	1,2,3-Trichloropropane	50.000	50.049	-0.1	78	0.00
77	T	Bromobenzene	50.000	45.771	8.5	69	0.00
78	T	n-propylbenzene	50.000	48.952	2.1	75	0.00
79	T	2-Chlorotoluene	50.000	47.552	4.9	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.047	3.9	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.079	7.8	71	0.00
82	T	4-Chlorotoluene	50.000	47.054	5.9	71	0.00
83	T	tert-Butylbenzene	50.000	47.733	4.5	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.098	3.8	74	0.00
85	T	sec-Butylbenzene	50.000	49.228	1.5	77	0.00
86	T	p-Isopropyltoluene	50.000	48.503	3.0	74	0.00
87	T	1,3-Dichlorobenzene	50.000	46.864	6.3	71	0.00
88	T	1,4-Dichlorobenzene	50.000	46.659	6.7	72	0.00
89	T	n-Butylbenzene	50.000	48.954	2.1	76	0.00
90	T	Hexachloroethane	50.000	47.457	5.1	73	0.00
91	T	1,2-Dichlorobenzene	50.000	46.525	7.0	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.792	4.4	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.888	8.2	70	0.00
94	T	Hexachlorobutadiene	50.000	46.506	7.0	73	0.00
95	T	Naphthalene	50.000	47.720	4.6	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.217	7.6	70	0.00

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