Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
Data File : VD077470.D
Acq On : 31 Oct 2023 19:53
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 01 06:11:42 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	69	0.00
2	T	Dichlorodifluoromethane	50.000	47.292	5.4	71	0.00
3	P	Chloromethane	50.000	58.752	-17.5	74	0.00
4	C	Vinyl Chloride	50.000	61.227	-22.5#	79	0.00
5	T	Bromomethane	50.000	67.623	-35.2#	86	0.00
6	T	Chloroethane	50.000	62.105	-24.2	81	0.00
7	T	Trichlorofluoromethane	50.000	51.095	-2.2	71	0.00
8	T	Diethyl Ether	50.000	54.687	-9.4	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.394	-0.8	70	0.00
10	T	Methyl Iodide	50.000	50.790	-1.6	71	0.00
11	T	Tert butyl alcohol	250.000	220.881	11.6	67	0.01
12	CM	1,1-Dichloroethene	50.000	52.123	-4.2#	70	0.00
13	T	Acrolein	250.000	227.836	8.9	65	0.00
14	T	Allyl chloride	50.000	54.227	-8.5	70	0.00
15	T	Acrylonitrile	250.000	268.009	-7.2	72	0.00
16	T	Acetone	250.000	195.642	21.7	53	0.00
17	T	Carbon Disulfide	50.000	51.443	-2.9	69	0.00
18	T	Methyl Acetate	50.000	55.779	-11.6	73	0.00
19	T	Methyl tert-butyl Ether	50.000	52.097	-4.2	71	0.00
20	T	Methylene Chloride	50.000	52.757	-5.5	71	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.362	-6.7	69	0.00
22	T	Diisopropyl ether	50.000	54.388	-8.8	73	0.00
23	T	Vinyl Acetate	250.000	265.620	-6.2	71	0.00
24	P	1,1-Dichloroethane	50.000	53.645	-7.3	72	0.00
25	T	2-Butanone	250.000	244.174	2.3	69	0.00
26	T	2,2-Dichloropropane	50.000	48.752	2.5	68	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.583	-7.2	71	0.00
28	T	Bromochloromethane	50.000	55.145	-10.3	75	0.00
29	T	Tetrahydrofuran	250.000	260.064	-4.0	70	0.00
30	C	Chloroform	50.000	52.554	-5.1#	71	0.00
31	T	Cyclohexane	50.000	52.324	-4.6	72	0.00
32	T	1,1,1-Trichloroethane	50.000	51.083	-2.2	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.664	-5.3	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	51.376	-2.8	73	0.00
36	T	1,1-Dichloropropene	50.000	52.060	-4.1	70	0.00
37	T	Ethyl Acetate	50.000	51.245	-2.5	70	0.00
38	T	Carbon Tetrachloride	50.000	49.037	1.9	70	0.00
39	T	Methylcyclohexane	50.000	52.186	-4.4	72	0.00
40	TM	Benzene	50.000	53.386	-6.8	72	0.00
41	T	Methacrylonitrile	50.000	55.122	-10.2	81	0.00
42	TM	1,2-Dichloroethane	50.000	51.935	-3.9	71	0.00
43	T	Isopropyl Acetate	50.000	50.901	-1.8	69	0.00
44	TM	Trichloroethene	50.000	50.216	-0.4	69	0.00
45	C	1,2-Dichloropropane	50.000	53.205	-6.4#	73	0.00
46	T	Dibromomethane	50.000	50.195	-0.4	70	0.00
47	T	Bromodichloromethane	50.000	50.186	-0.4	69	0.00
48	T	Methyl methacrylate	50.000	51.961	-3.9	69	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	969.608	3.0	67	0.00
50	S	Toluene-d8	50.000	52.263	-4.5	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	252.019	-0.8	72	0.00
52	CM	Toluene	50.000	52.003	-4.0#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	50.761	-1.5	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.794	-3.6	71	0.00
55	T	1,1,2-Trichloroethane	50.000	50.668	-1.3	72	0.00
56	T	Ethyl methacrylate	50.000	51.374	-2.7	71	0.00
57	T	1,3-Dichloropropane	50.000	51.792	-3.6	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.470	-12.6	74	0.00
59	T	2-Hexanone	250.000	231.275	7.5	67	0.00
60	T	Dibromochloromethane	50.000	49.657	0.7	70	0.00
61	T	1,2-Dibromoethane	50.000	50.684	-1.4	70	0.00
62	S	4-Bromofluorobenzene	50.000	50.788	-1.6	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	47.382	5.2	68	0.00
65	PM	Chlorobenzene	50.000	49.443	1.1	70	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.277	3.4	69	0.00
67	C	Ethyl Benzene	50.000	50.084	-0.2#	71	0.00
68	T	m/p-Xylenes	100.000	99.294	0.7	70	0.00
69	T	o-Xylene	50.000	50.196	-0.4	70	0.00
70	T	Styrene	50.000	50.322	-0.6	71	0.00
71	P	Bromoform	50.000	46.653	6.7	68	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73	T	Isopropylbenzene	50.000	49.938	0.1	71	0.00
74	T	N-amyl acetate	50.000	48.913	2.2	71	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.269	1.5	69	0.00
76	T	1,2,3-Trichloropropane	50.000	48.815	2.4	70	0.00
77	T	Bromobenzene	50.000	48.977	2.0	68	0.00
78	T	n-propylbenzene	50.000	50.194	-0.4	71	0.00
79	T	2-Chlorotoluene	50.000	49.799	0.4	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.198	1.6	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.566	4.9	68	0.00
82	T	4-Chlorotoluene	50.000	49.343	1.3	70	0.00
83	T	tert-Butylbenzene	50.000	49.516	1.0	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.280	-0.6	71	0.00
85	T	sec-Butylbenzene	50.000	49.742	0.5	72	0.00
86	T	p-Isopropyltoluene	50.000	50.267	-0.5	72	0.00
87	T	1,3-Dichlorobenzene	50.000	49.213	1.6	69	0.00
88	T	1,4-Dichlorobenzene	50.000	49.053	1.9	70	0.00
89	T	n-Butylbenzene	50.000	49.448	1.1	71	0.00
90	T	Hexachloroethane	50.000	47.666	4.7	68	0.00
91	T	1,2-Dichlorobenzene	50.000	49.061	1.9	69	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.662	6.7	67	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.340	5.3	67	0.00
94	T	Hexachlorobutadiene	50.000	46.526	6.9	68	0.00
95	T	Naphthalene	50.000	48.998	2.0	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.848	2.3	69	0.00

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