Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
Data File : VD078004.D
Acq On : 20 Dec 2023 19:03
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 21 05:28:44 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	70	0.00
2	T	Dichlorodifluoromethane	50.000	36.853	26.3#	53	0.00
3	P	Chloromethane	50.000	46.441	7.1	66	0.00
4	C	Vinyl Chloride	50.000	49.559	0.9#	67	0.00
5	T	Bromomethane	50.000	66.729	-33.5#	90	0.00
6	T	Chloroethane	50.000	54.946	-9.9	75	0.00
7	T	Trichlorofluoromethane	50.000	45.029	9.9	62	0.00
8	T	Diethyl Ether	50.000	50.905	-1.8	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.858	0.3	67	0.01
10	T	Methyl Iodide	50.000	59.527	-19.1	84	0.00
11	T	Tert butyl alcohol	250.000	246.275	1.5	70	0.00
12	CM	1,1-Dichloroethene	50.000	47.199	5.6#	64	0.00
13	T	Acrolein	250.000	148.260	40.7#	42	0.00
14	T	Allyl chloride	50.000	45.440	9.1	62	0.00
15	T	Acrylonitrile	250.000	267.217	-6.9	74	0.00
16	T	Acetone	250.000	216.090	13.6	66	0.00
17	T	Carbon Disulfide	50.000	40.724	18.6	56	0.00
18	T	Methyl Acetate	50.000	57.694	-15.4	80	0.00
19	T	Methyl tert-butyl Ether	50.000	53.247	-6.5	73	0.00
20	T	Methylene Chloride	50.000	51.667	-3.3	69	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.479	-1.0	66	0.00
22	T	Diisopropyl ether	50.000	50.929	-1.9	68	0.00
23	T	Vinyl Acetate	250.000	239.053	4.4	64	0.00
24	P	1,1-Dichloroethane	50.000	51.767	-3.5	70	0.00
25	T	2-Butanone	250.000	242.075	3.2	71	0.00
26	T	2,2-Dichloropropane	50.000	47.487	5.0	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.764	-9.5	73	0.00
28	T	Bromochloromethane	50.000	58.163	-16.3	79	0.00
29	T	Tetrahydrofuran	250.000	257.558	-3.0	72	0.00
30	C	Chloroform	50.000	54.956	-9.9#	74	0.00
31	T	Cyclohexane	50.000	42.016	16.0	58	0.00
32	T	1,1,1-Trichloroethane	50.000	49.573	0.9	66	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.792	-13.6	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	59.369	-18.7	83	0.00
36	T	1,1-Dichloropropene	50.000	47.035	5.9	65	0.00
37	T	Ethyl Acetate	50.000	46.502	7.0	74	0.00
38	T	Carbon Tetrachloride	50.000	47.486	5.0	66	0.00
39	T	Methylcyclohexane	50.000	44.441	11.1	60	0.00
40	TM	Benzene	50.000	49.892	0.2	70	0.00
41	T	Methacrylonitrile	50.000	50.791	-1.6	79	0.00
42	TM	1,2-Dichloroethane	50.000	52.305	-4.6	74	0.00
43	T	Isopropyl Acetate	50.000	49.383	1.2	72	0.00
44	TM	Trichloroethene	50.000	49.336	1.3	68	0.00
45	C	1,2-Dichloropropane	50.000	52.990	-6.0#	74	0.00
46	T	Dibromomethane	50.000	53.840	-7.7	75	0.00
47	T	Bromodichloromethane	50.000	54.921	-9.8	76	0.00
48	T	Methyl methacrylate	50.000	50.473	-0.9	72	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	1058.381	-5.8	85	0.00
50	S	Toluene-d8	50.000	56.057	-12.1	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.856	-0.3	71	0.00
52	CM	Toluene	50.000	51.844	-3.7#	70	0.00
53	T	t-1,3-Dichloropropene	50.000	51.600	-3.2	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.345	-4.7	73	0.00
55	T	1,1,2-Trichloroethane	50.000	56.906	-13.8	80	0.00
56	T	Ethyl methacrylate	50.000	53.841	-7.7	75	0.00
57	T	1,3-Dichloropropane	50.000	53.830	-7.7	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	264.817	-5.9	81	0.00
59	T	2-Hexanone	250.000	208.152	16.7	68	0.00
60	T	Dibromochloromethane	50.000	57.953	-15.9	81	0.00
61	T	1,2-Dibromoethane	50.000	56.050	-12.1	80	0.00
62	S	4-Bromofluorobenzene	50.000	57.066	-14.1	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	47.556	4.9	67	0.00
65	PM	Chlorobenzene	50.000	48.939	2.1	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.090	-4.2	74	0.00
67	C	Ethyl Benzene	50.000	50.549	-1.1#	71	0.00
68	T	m/p-Xylenes	100.000	104.467	-4.5	72	0.00
69	T	o-Xylene	50.000	52.673	-5.3	73	0.00
70	T	Styrene	50.000	54.155	-8.3	75	0.00
71	P	Bromoform	50.000	55.325	-10.7	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	47.126	5.7	70	0.00
74	T	N-amyl acetate	50.000	42.001	16.0	66	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.625	-1.3	77	0.00
76	T	1,2,3-Trichloropropane	50.000	42.030	15.9	56	0.00
77	T	Bromobenzene	50.000	48.135	3.7	74	0.00
78	T	n-propylbenzene	50.000	47.962	4.1	70	0.00
79	T	2-Chlorotoluene	50.000	47.610	4.8	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.124	3.8	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.752	2.5	76	0.00
82	T	4-Chlorotoluene	50.000	49.431	1.1	74	0.00
83	T	tert-Butylbenzene	50.000	49.533	0.9	72	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.560	0.9	73	0.00
85	T	sec-Butylbenzene	50.000	49.316	1.4	72	0.00
86	T	p-Isopropyltoluene	50.000	49.158	1.7	71	0.00
87	T	1,3-Dichlorobenzene	50.000	49.234	1.5	73	0.00
88	T	1,4-Dichlorobenzene	50.000	48.266	3.5	73	0.00
89	T	n-Butylbenzene	50.000	47.890	4.2	69	0.00
90	T	Hexachloroethane	50.000	52.641	-5.3	78	0.00
91	T	1,2-Dichlorobenzene	50.000	49.700	0.6	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.594	-1.2	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.927	12.1	70	0.00
94	T	Hexachlorobutadiene	50.000	44.904	10.2	67	0.00
95	T	Naphthalene	50.000	50.413	-0.8	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.708	4.6	74	0.00

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