Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
Data File : VD075347.D
Acq On : 14 Feb 2023 17:10
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 15 03:36:42 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	44.496	11.0	68	0.00
3	P	Chloromethane	50.000	46.767	6.5	71	0.00
4	C	Vinyl Chloride	50.000	43.588	12.8#	70	0.00
5	T	Bromomethane	50.000	42.548	14.9	76	0.00
6	T	Chloroethane	50.000	44.427	11.1	73	0.00
7	T	Trichlorofluoromethane	50.000	46.661	6.7	75	0.00
8	T	Diethyl Ether	50.000	49.949	0.1	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.198	-0.4	78	0.00
10	T	Methyl Iodide	50.000	47.657	4.7	73	0.00
11	T	Tert butyl alcohol	250.000	227.157	9.1	80	0.01
12	CM	1,1-Dichloroethene	50.000	48.316	3.4#	76	0.00
13	T	Acrolein	250.000	210.529	15.8	75	0.00
14	T	Allyl chloride	50.000	48.739	2.5	79	0.00
15	T	Acrylonitrile	250.000	272.724	-9.1	83	-0.01
16	T	Acetone	250.000	271.531	-8.6	77	0.00
17	T	Carbon Disulfide	50.000	45.295	9.4	74	0.00
18	T	Methyl Acetate	50.000	53.267	-6.5	84	0.00
19	T	Methyl tert-butyl Ether	50.000	52.292	-4.6	81	0.00
20	T	Methylene Chloride	50.000	56.054	-12.1	82	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.458	-0.9	78	0.00
22	T	Diisopropyl ether	50.000	52.287	-4.6	79	0.00
23	T	Vinyl Acetate	250.000	313.379	-25.4#	103	0.00
24	P	1,1-Dichloroethane	50.000	52.389	-4.8	82	0.00
25	T	2-Butanone	250.000	251.067	-0.4	75	0.00
26	T	2,2-Dichloropropane	50.000	50.153	-0.3	77	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.354	1.3	77	0.00
28	T	Bromochloromethane	50.000	53.732	-7.5	83	0.00
29	T	Tetrahydrofuran	250.000	270.607	-8.2	82	0.00
30	C	Chloroform	50.000	51.565	-3.1#	81	0.00
31	T	Cyclohexane	50.000	45.568	8.9	74	0.00
32	T	1,1,1-Trichloroethane	50.000	50.952	-1.9	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.035	-6.1	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	54.747	-9.5	86	0.00
36	T	1,1-Dichloropropene	50.000	50.837	-1.7	77	0.00
37	T	Ethyl Acetate	50.000	45.915	8.2	76	0.00
38	T	Carbon Tetrachloride	50.000	53.834	-7.7	81	0.00
39	T	Methylcyclohexane	50.000	49.549	0.9	72	0.00
40	TM	Benzene	50.000	51.413	-2.8	78	0.00
41	T	Methacrylonitrile	50.000	44.971	10.1	75	0.00
42	TM	1,2-Dichloroethane	50.000	52.404	-4.8	80	0.00
43	T	Isopropyl Acetate	50.000	53.240	-6.5	82	0.00
44	TM	Trichloroethene	50.000	50.464	-0.9	77	0.00
45	C	1,2-Dichloropropane	50.000	52.805	-5.6#	81	0.00
46	T	Dibromomethane	50.000	53.700	-7.4	84	0.00
47	T	Bromodichloromethane	50.000	53.130	-6.3	80	0.00
48	T	Methyl methacrylate	50.000	54.736	-9.5	80	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	999.648	0.0	73	0.00
50	S	Toluene-d8	50.000	52.173	-4.3	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.944	-12.4	83	0.00
52	CM	Toluene	50.000	52.845	-5.7#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	56.302	-12.6	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.995	-10.0	81	0.00
55	T	1,1,2-Trichloroethane	50.000	55.421	-10.8	82	0.00
56	T	Ethyl methacrylate	50.000	56.258	-12.5	81	0.00
57	T	1,3-Dichloropropane	50.000	53.920	-7.8	80	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	311.953	-24.8	106	0.00
59	T	2-Hexanone	250.000	277.903	-11.2	80	0.00
60	T	Dibromochloromethane	50.000	55.841	-11.7	82	0.00
61	T	1,2-Dibromoethane	50.000	53.429	-6.9	81	0.00
62	S	4-Bromofluorobenzene	50.000	53.360	-6.7	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	49.361	1.3	77	0.00
65	PM	Chlorobenzene	50.000	51.544	-3.1	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.344	-6.7	80	0.00
67	C	Ethyl Benzene	50.000	53.005	-6.0#	79	0.00
68	T	m/p-Xylenes	100.000	106.326	-6.3	79	0.00
69	T	o-Xylene	50.000	52.326	-4.7	79	0.00
70	T	Styrene	50.000	54.655	-9.3	82	0.00
71	P	Bromoform	50.000	55.880	-11.8	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	49.398	1.2	78	0.00
74	T	N-amyl acetate	50.000	50.762	-1.5	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.516	-3.0	85	0.00
76	T	1,2,3-Trichloropropane	50.000	50.675	-1.3	91	0.00
77	T	Bromobenzene	50.000	49.526	0.9	81	0.00
78	T	n-propylbenzene	50.000	49.614	0.8	78	0.00
79	T	2-Chlorotoluene	50.000	48.870	2.3	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.321	-0.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.129	-10.3	95	0.00
82	T	4-Chlorotoluene	50.000	49.868	0.3	80	0.00
83	T	tert-Butylbenzene	50.000	50.208	-0.4	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.393	-0.8	80	0.00
85	T	sec-Butylbenzene	50.000	50.363	-0.7	80	0.00
86	T	p-Isopropyltoluene	50.000	51.303	-2.6	79	0.00
87	T	1,3-Dichlorobenzene	50.000	50.128	-0.3	81	0.00
88	T	1,4-Dichlorobenzene	50.000	49.448	1.1	81	0.00
89	T	n-Butylbenzene	50.000	50.343	-0.7	79	0.00
90	T	Hexachloroethane	50.000	50.674	-1.3	82	0.00
91	T	1,2-Dichlorobenzene	50.000	49.318	1.4	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.673	0.7	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.044	-0.1	81	0.00
94	T	Hexachlorobutadiene	50.000	52.279	-4.6	81	0.00
95	T	Naphthalene	50.000	50.949	-1.9	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.226	-0.5	80	0.00

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