Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
Data File : VD075131.D
Acq On : 18 Jan 2023 14:19
Operator : KP/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD011823

Quant Time: Jan 19 01:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	112	0.00
2	T	Dichlorodifluoromethane	50.000	49.418	1.2	118	0.00
3	P	Chloromethane	50.000	45.073	9.9	107	0.00
4	C	Vinyl Chloride	50.000	46.352	7.3#	110	0.00
5	T	Bromomethane	50.000	48.489	3.0	114	0.00
6	T	Chloroethane	50.000	47.573	4.9	108	0.00
7	T	Trichlorofluoromethane	50.000	48.573	2.9	113	0.00
8	T	Diethyl Ether	50.000	50.735	-1.5	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.502	1.0	117	0.00
10	T	Methyl Iodide	50.000	49.546	0.9	102	0.00
11	T	Tert butyl alcohol	250.000	218.693	12.5	105	0.00
12	CM	1,1-Dichloroethene	50.000	49.900	0.2#	114	0.00
13	T	Acrolein	250.000	243.627	2.5	109	0.00
14	T	Allyl chloride	50.000	50.656	-1.3	109	0.00
15	T	Acrylonitrile	250.000	257.584	-3.0	107	0.00
16	T	Acetone	250.000	260.497	-4.2	98	0.00
17	T	Carbon Disulfide	50.000	49.254	1.5	112	0.00
18	T	Methyl Acetate	50.000	48.026	3.9	102	0.00
19	T	Methyl tert-butyl Ether	50.000	52.369	-4.7	109	0.00
20	T	Methylene Chloride	50.000	46.695	6.6	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.463	-0.9	110	0.00
22	T	Diisopropyl ether	50.000	51.775	-3.5	110	0.00
23	T	Vinyl Acetate	250.000	285.068	-14.0	124	0.00
24	P	1,1-Dichloroethane	50.000	51.559	-3.1	113	0.00
25	T	2-Butanone	250.000	258.152	-3.3	103	0.00
26	T	2,2-Dichloropropane	50.000	48.423	3.2	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.159	-2.3	110	0.00
28	T	Bromochloromethane	50.000	47.347	5.3	106	0.00
29	T	Tetrahydrofuran	250.000	254.845	-1.9	105	0.00
30	C	Chloroform	50.000	49.594	0.8#	107	0.00
31	T	Cyclohexane	50.000	47.128	5.7	116	0.00
32	T	1,1,1-Trichloroethane	50.000	48.799	2.4	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.088	-2.2	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	51.873	-3.7	110	0.00
36	T	1,1-Dichloropropene	50.000	48.582	2.8	112	0.00
37	T	Ethyl Acetate	50.000	45.603	8.8	99	0.00
38	T	Carbon Tetrachloride	50.000	51.467	-2.9	117	0.00
39	T	Methylcyclohexane	50.000	49.387	1.2	117	0.00
40	TM	Benzene	50.000	50.390	-0.8	109	0.00
41	T	Methacrylonitrile	50.000	49.369	1.3	114	0.00
42	TM	1,2-Dichloroethane	50.000	50.604	-1.2	108	0.00
43	T	Isopropyl Acetate	50.000	49.977	0.0	107	0.00
44	TM	Trichloroethene	50.000	49.560	0.9	109	0.00
45	C	1,2-Dichloropropane	50.000	51.150	-2.3#	111	0.00
46	T	Dibromomethane	50.000	49.572	0.9	105	0.00
47	T	Bromodichloromethane	50.000	51.588	-3.2	110	0.00
48	T	Methyl methacrylate	50.000	49.889	0.2	110	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	970.318	3.0	106	0.00
50	S	Toluene-d8	50.000	52.042	-4.1	113	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.726	-1.9	109	0.00
52	CM	Toluene	50.000	49.538	0.9#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.833	-3.7	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.000	-6.0	111	0.00
55	T	1,1,2-Trichloroethane	50.000	49.445	1.1	104	0.00
56	T	Ethyl methacrylate	50.000	52.723	-5.4	109	0.00
57	T	1,3-Dichloropropane	50.000	50.576	-1.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.015	-1.6	115	0.00
59	T	2-Hexanone	250.000	255.840	-2.3	106	0.00
60	T	Dibromochloromethane	50.000	50.662	-1.3	106	0.00
61	T	1,2-Dibromoethane	50.000	49.577	0.8	105	0.00
62	S	4-Bromofluorobenzene	50.000	51.341	-2.7	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	47.410	5.2	108	0.00
65	PM	Chlorobenzene	50.000	49.549	0.9	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.652	-3.3	114	0.00
67	C	Ethyl Benzene	50.000	49.558	0.9#	109	0.00
68	T	m/p-Xylenes	100.000	98.412	1.6	109	0.00
69	T	o-Xylene	50.000	50.031	-0.1	107	0.00
70	T	Styrene	50.000	49.560	0.9	106	0.00
71	P	Bromoform	50.000	51.632	-3.3	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	49.982	0.0	111	0.00
74	T	N-amyl acetate	50.000	48.994	2.0	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.987	0.0	105	0.00
76	T	1,2,3-Trichloropropane	50.000	56.664	-13.3	131	0.00
77	T	Bromobenzene	50.000	49.353	1.3	104	0.00
78	T	n-propylbenzene	50.000	49.788	0.4	110	0.00
79	T	2-Chlorotoluene	50.000	48.949	2.1	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.573	0.9	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.648	-9.3	118	0.00
82	T	4-Chlorotoluene	50.000	49.220	1.6	108	0.00
83	T	tert-Butylbenzene	50.000	50.496	-1.0	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.262	1.5	107	0.00
85	T	sec-Butylbenzene	50.000	48.869	2.3	109	0.00
86	T	p-Isopropyltoluene	50.000	49.250	1.5	109	0.00
87	T	1,3-Dichlorobenzene	50.000	49.242	1.5	106	0.00
88	T	1,4-Dichlorobenzene	50.000	50.145	-0.3	108	0.00
89	T	n-Butylbenzene	50.000	49.364	1.3	110	0.00
90	T	Hexachloroethane	50.000	50.584	-1.2	114	0.00
91	T	1,2-Dichlorobenzene	50.000	50.346	-0.7	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.282	1.4	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.408	-0.8	107	0.00
94	T	Hexachlorobutadiene	50.000	48.932	2.1	108	0.00
95	T	Naphthalene	50.000	49.102	1.8	108	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.569	-1.1	107	0.00

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