Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
Data File : VD077314.D
Acq On : 11 Oct 2023 19:27
Operator : JC/SY
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD101123

Quant Time: Oct 12 14:43:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 14:39:07 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	49.006	2.0	110	0.00
3	P	Chloromethane	50.000	51.511	-3.0	104	0.00
4	C	Vinyl Chloride	50.000	47.050	5.9#	95	0.00
5	T	Bromomethane	50.000	49.880	0.2	102	0.00
6	T	Chloroethane	50.000	48.952	2.1	99	0.00
7	T	Trichlorofluoromethane	50.000	55.252	-10.5	108	0.00
8	T	Diethyl Ether	50.000	55.633	-11.3	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.679	0.6	108	0.00
10	T	Methyl Iodide	50.000	52.897	-5.8	105	0.00
11	T	Tert butyl alcohol	250.000	260.322	-4.1	112	0.00
12	CM	1,1-Dichloroethene	50.000	51.405	-2.8#	110	0.00
13	T	Acrolein	250.000	318.486	-27.4#	106	0.00
14	T	Allyl chloride	50.000	54.730	-9.5	113	0.00
15	T	Acrylonitrile	250.000	258.036	-3.2	110	0.00
16	T	Acetone	250.000	247.602	1.0	109	0.00
17	T	Carbon Disulfide	50.000	52.842	-5.7	108	0.00
18	T	Methyl Acetate	50.000	52.603	-5.2	112	0.00
19	T	Methyl tert-butyl Ether	50.000	54.338	-8.7	112	0.00
20	T	Methylene Chloride	50.000	53.267	-6.5	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.690	-1.4	107	0.00
22	T	Diisopropyl ether	50.000	54.268	-8.5	110	0.00
23	T	Vinyl Acetate	250.000	269.880	-8.0	110	0.00
24	P	1,1-Dichloroethane	50.000	52.319	-4.6	110	0.00
25	T	2-Butanone	250.000	259.664	-3.9	111	0.00
26	T	2,2-Dichloropropane	50.000	50.273	-0.5	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.225	-4.5	110	0.00
28	T	Bromochloromethane	50.000	53.433	-6.9	109	0.00
29	T	Tetrahydrofuran	250.000	271.968	-8.8	113	0.00
30	C	Chloroform	50.000	51.280	-2.6#	108	0.00
31	T	Cyclohexane	50.000	50.059	-0.1	109	0.00
32	T	1,1,1-Trichloroethane	50.000	51.735	-3.5	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.522	3.0	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	47.877	4.2	110	0.00
36	T	1,1-Dichloropropene	50.000	49.510	1.0	106	0.00
37	T	Ethyl Acetate	50.000	50.443	-0.9	109	0.00
38	T	Carbon Tetrachloride	50.000	49.063	1.9	107	0.00
39	T	Methylcyclohexane	50.000	50.358	-0.7	105	0.00
40	TM	Benzene	50.000	51.247	-2.5	108	0.00
41	T	Methacrylonitrile	50.000	54.864	-9.7	114	-0.01
42	TM	1,2-Dichloroethane	50.000	49.945	0.1	107	0.00
43	T	Isopropyl Acetate	50.000	52.188	-4.4	111	0.00
44	TM	Trichloroethene	50.000	49.546	0.9	110	0.00
45	C	1,2-Dichloropropane	50.000	51.334	-2.7#	108	0.00
46	T	Dibromomethane	50.000	49.825	0.3	109	0.00
47	T	Bromodichloromethane	50.000	50.488	-1.0	108	0.00
48	T	Methyl methacrylate	50.000	51.523	-3.0	109	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	922.155	7.8	98	0.00
50	S	Toluene-d8	50.000	47.800	4.4	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.927	-4.0	109	0.00
52	CM	Toluene	50.000	51.141	-2.3#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.918	-3.8	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.525	-1.0	106	0.00
55	T	1,1,2-Trichloroethane	50.000	50.113	-0.2	106	0.00
56	T	Ethyl methacrylate	50.000	48.850	2.3	108	0.00
57	T	1,3-Dichloropropane	50.000	50.980	-2.0	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	233.502	6.6	104	0.00
59	T	2-Hexanone	250.000	253.829	-1.5	106	0.00
60	T	Dibromochloromethane	50.000	50.080	-0.2	105	0.00
61	T	1,2-Dibromoethane	50.000	50.776	-1.6	106	0.00
62	S	4-Bromofluorobenzene	50.000	46.038	7.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	47.646	4.7	103	0.00
65	PM	Chlorobenzene	50.000	50.032	-0.1	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.987	0.0	107	0.00
67	C	Ethyl Benzene	50.000	50.973	-1.9#	106	0.00
68	T	m/p-Xylenes	100.000	102.088	-2.1	105	0.00
69	T	o-Xylene	50.000	51.024	-2.0	104	0.00
70	T	Styrene	50.000	51.647	-3.3	103	0.00
71	P	Bromoform	50.000	49.883	0.2	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	51.648	-3.3	104	0.00
74	T	N-amyl acetate	50.000	53.933	-7.9	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.518	-3.0	106	0.00
76	T	1,2,3-Trichloropropane	50.000	48.850	2.3	108	0.00
77	T	Bromobenzene	50.000	50.001	-0.0	102	0.00
78	T	n-propylbenzene	50.000	51.542	-3.1	103	0.00
79	T	2-Chlorotoluene	50.000	51.939	-3.9	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.651	-3.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.576	-1.2	101	0.00
82	T	4-Chlorotoluene	50.000	52.121	-4.2	104	0.00
83	T	tert-Butylbenzene	50.000	52.000	-4.0	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.982	-4.0	103	0.00
85	T	sec-Butylbenzene	50.000	50.637	-1.3	100	0.00
86	T	p-Isopropyltoluene	50.000	50.777	-1.6	100	0.00
87	T	1,3-Dichlorobenzene	50.000	49.112	1.8	99	0.00
88	T	1,4-Dichlorobenzene	50.000	49.592	0.8	103	0.00
89	T	n-Butylbenzene	50.000	50.735	-1.5	101	0.00
90	T	Hexachloroethane	50.000	49.665	0.7	101	0.00
91	T	1,2-Dichlorobenzene	50.000	49.688	0.6	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.546	-3.1	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.303	1.4	100	0.00
94	T	Hexachlorobutadiene	50.000	48.196	3.6	98	0.00
95	T	Naphthalene	50.000	53.661	-7.3	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.433	-2.9	105	0.00

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