Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
Data File : VD077790.D
Acq On : 08 Dec 2023 14:19
Operator : JC/SY
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Quant Time: Dec 08 15:39:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	48.719	2.6	104	0.00
3	P	Chloromethane	50.000	51.706	-3.4	108	0.00
4	C	Vinyl Chloride	50.000	49.565	0.9#	100	0.00
5	T	Bromomethane	50.000	49.112	1.8	98	0.00
6	T	Chloroethane	50.000	49.824	0.4	101	0.00
7	T	Trichlorofluoromethane	50.000	51.810	-3.6	105	0.01
8	T	Diethyl Ether	50.000	51.097	-2.2	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.118	-2.2	102	0.01
10	T	Methyl Iodide	50.000	47.769	4.5	96	0.00
11	T	Tert butyl alcohol	250.000	274.966	-10.0	115	0.01
12	CM	1,1-Dichloroethene	50.000	53.128	-6.3#	106	0.01
13	T	Acrolein	250.000	197.636	20.9	82	0.00
14	T	Allyl chloride	50.000	52.714	-5.4	107	0.00
15	T	Acrylonitrile	250.000	270.263	-8.1	111	0.00
16	T	Acetone	250.000	256.748	-2.7	114	0.00
17	T	Carbon Disulfide	50.000	51.325	-2.7	104	0.00
18	T	Methyl Acetate	50.000	53.017	-6.0	109	0.00
19	T	Methyl tert-butyl Ether	50.000	55.016	-10.0	111	0.00
20	T	Methylene Chloride	50.000	52.986	-6.0	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.009	-6.0	103	0.01
22	T	Diisopropyl ether	50.000	53.712	-7.4	106	0.00
23	T	Vinyl Acetate	250.000	270.085	-8.0	107	0.00
24	P	1,1-Dichloroethane	50.000	51.737	-3.5	104	0.00
25	T	2-Butanone	250.000	261.972	-4.8	114	0.00
26	T	2,2-Dichloropropane	50.000	52.511	-5.0	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.274	-6.5	105	0.00
28	T	Bromochloromethane	50.000	53.496	-7.0	107	0.01
29	T	Tetrahydrofuran	250.000	272.645	-9.1	112	0.00
30	C	Chloroform	50.000	52.029	-4.1#	103	0.00
31	T	Cyclohexane	50.000	50.965	-1.9	105	0.00
32	T	1,1,1-Trichloroethane	50.000	52.434	-4.9	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.125	1.8	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	49.888	0.2	99	0.00
36	T	1,1-Dichloropropene	50.000	52.091	-4.2	102	0.00
37	T	Ethyl Acetate	50.000	51.193	-2.4	116	0.00
38	T	Carbon Tetrachloride	50.000	53.130	-6.3	104	0.00
39	T	Methylcyclohexane	50.000	54.277	-8.6	104	0.00
40	TM	Benzene	50.000	52.799	-5.6	104	0.00
41	T	Methacrylonitrile	50.000	53.560	-7.1	118	0.00
42	TM	1,2-Dichloroethane	50.000	53.397	-6.8	106	0.00
43	T	Isopropyl Acetate	50.000	53.629	-7.3	111	0.00
44	TM	Trichloroethene	50.000	52.695	-5.4	103	0.00
45	C	1,2-Dichloropropane	50.000	53.497	-7.0#	106	0.00
46	T	Dibromomethane	50.000	52.224	-4.4	104	0.00
47	T	Bromodichloromethane	50.000	53.091	-6.2	104	0.00
48	T	Methyl methacrylate	50.000	54.843	-9.7	111	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1095.359	-9.5	125	0.01
50	S	Toluene-d8	50.000	52.373	-4.7	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.518	-7.4	108	0.00
52	CM	Toluene	50.000	53.926	-7.9#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	54.098	-8.2	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.640	-7.3	105	0.00
55	T	1,1,2-Trichloroethane	50.000	53.580	-7.2	107	0.00
56	T	Ethyl methacrylate	50.000	54.497	-9.0	108	0.00
57	T	1,3-Dichloropropane	50.000	53.301	-6.6	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.028	-12.4	122	0.00
59	T	2-Hexanone	250.000	237.370	5.1	109	0.00
60	T	Dibromochloromethane	50.000	53.713	-7.4	106	0.00
61	T	1,2-Dibromoethane	50.000	51.879	-3.8	105	0.00
62	S	4-Bromofluorobenzene	50.000	49.244	1.5	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	52.528	-5.1	101	0.00
65	PM	Chlorobenzene	50.000	52.259	-4.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.351	-2.7	100	0.00
67	C	Ethyl Benzene	50.000	52.962	-5.9#	102	0.00
68	T	m/p-Xylenes	100.000	107.315	-7.3	101	0.00
69	T	o-Xylene	50.000	54.339	-8.7	103	0.00
70	T	Styrene	50.000	54.572	-9.1	103	0.00
71	P	Bromoform	50.000	53.644	-7.3	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	54.026	-8.1	101	0.00
74	T	N-amyl acetate	50.000	54.417	-8.8	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.958	-3.9	101	0.00
76	T	1,2,3-Trichloropropane	50.000	47.430	5.1	80	0.00
77	T	Bromobenzene	50.000	52.847	-5.7	103	0.00
78	T	n-propylbenzene	50.000	53.474	-6.9	100	0.00
79	T	2-Chlorotoluene	50.000	53.276	-6.6	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.335	-6.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.792	-5.6	104	0.00
82	T	4-Chlorotoluene	50.000	53.178	-6.4	101	0.00
83	T	tert-Butylbenzene	50.000	54.380	-8.8	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.958	-9.9	102	0.00
85	T	sec-Butylbenzene	50.000	54.838	-9.7	101	0.00
86	T	p-Isopropyltoluene	50.000	54.709	-9.4	99	0.00
87	T	1,3-Dichlorobenzene	50.000	53.269	-6.5	101	0.00
88	T	1,4-Dichlorobenzene	50.000	53.444	-6.9	102	0.00
89	T	n-Butylbenzene	50.000	54.845	-9.7	99	0.00
90	T	Hexachloroethane	50.000	53.798	-7.6	101	0.00
91	T	1,2-Dichlorobenzene	50.000	52.140	-4.3	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.430	-4.9	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.446	-4.9	106	0.00
94	T	Hexachlorobutadiene	50.000	54.337	-8.7	102	0.00
95	T	Naphthalene	50.000	56.245	-12.5	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.873	-7.7	106	0.00

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