Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
Data File : VD078199.D
Acq On : 22 Jan 2024 19:05
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012224

Quant Time: Jan 23 05:49:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
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	98	0.00
2	T	Dichlorodifluoromethane	50.000	48.125	3.8	96	0.00
3	P	Chloromethane	50.000	51.705	-3.4	99	0.00
4	C	Vinyl Chloride	50.000	46.190	7.6#	95	0.00
5	T	Bromomethane	50.000	45.109	9.8	101	0.00
6	T	Chloroethane	50.000	46.940	6.1	94	0.00
7	T	Trichlorofluoromethane	50.000	45.672	8.7	97	0.00
8	T	Diethyl Ether	50.000	50.633	-1.3	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.072	5.9	97	0.00
10	T	Methyl Iodide	50.000	52.316	-4.6	95	0.00
11	T	Tert butyl alcohol	250.000	258.920	-3.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	47.112	5.8#	101	0.00
13	T	Acrolein	250.000	261.277	-4.5	98	0.00
14	T	Allyl chloride	50.000	49.859	0.3	101	0.00
15	T	Acrylonitrile	250.000	262.727	-5.1	104	0.00
16	T	Acetone	250.000	229.437	8.2	97	0.00
17	T	Carbon Disulfide	50.000	47.080	5.8	96	0.00
18	T	Methyl Acetate	50.000	53.634	-7.3	102	0.00
19	T	Methyl tert-butyl Ether	50.000	52.001	-4.0	103	0.00
20	T	Methylene Chloride	50.000	52.315	-4.6	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.220	1.6	101	0.00
22	T	Diisopropyl ether	50.000	52.833	-5.7	103	0.00
23	T	Vinyl Acetate	250.000	260.475	-4.2	101	0.00
24	P	1,1-Dichloroethane	50.000	49.077	1.8	99	0.00
25	T	2-Butanone	250.000	231.302	7.5	98	0.00
26	T	2,2-Dichloropropane	50.000	48.691	2.6	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.692	-1.4	102	0.00
28	T	Bromochloromethane	50.000	51.061	-2.1	100	0.00
29	T	Tetrahydrofuran	250.000	267.431	-7.0	103	0.00
30	C	Chloroform	50.000	50.299	-0.6#	101	0.00
31	T	Cyclohexane	50.000	45.303	9.4	94	0.00
32	T	1,1,1-Trichloroethane	50.000	47.744	4.5	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.038	3.9	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	46.479	7.0	92	0.00
36	T	1,1-Dichloropropene	50.000	47.369	5.3	98	0.00
37	T	Ethyl Acetate	50.000	46.107	7.8	99	0.00
38	T	Carbon Tetrachloride	50.000	45.426	9.1	95	0.00
39	T	Methylcyclohexane	50.000	47.175	5.7	94	0.00
40	TM	Benzene	50.000	49.569	0.9	102	0.00
41	T	Methacrylonitrile	50.000	44.095	11.8	87	0.00
42	TM	1,2-Dichloroethane	50.000	49.300	1.4	100	0.00
43	T	Isopropyl Acetate	50.000	48.417	3.2	99	0.00
44	TM	Trichloroethene	50.000	48.157	3.7	102	0.00
45	C	1,2-Dichloropropane	50.000	49.783	0.4#	102	0.00
46	T	Dibromomethane	50.000	49.396	1.2	105	0.00
47	T	Bromodichloromethane	50.000	48.709	2.6	100	0.00
48	T	Methyl methacrylate	50.000	51.043	-2.1	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	957.261	4.3	105	0.00
50	S	Toluene-d8	50.000	47.863	4.3	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	245.725	1.7	99	0.00
52	CM	Toluene	50.000	49.358	1.3#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	50.672	-1.3	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.745	-1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	49.580	0.8	102	0.00
56	T	Ethyl methacrylate	50.000	52.308	-4.6	102	0.00
57	T	1,3-Dichloropropane	50.000	48.566	2.9	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.104	7.6	89	0.00
59	T	2-Hexanone	250.000	221.217	11.5	98	0.00
60	T	Dibromochloromethane	50.000	49.915	0.2	102	0.00
61	T	1,2-Dibromoethane	50.000	51.220	-2.4	102	0.00
62	S	4-Bromofluorobenzene	50.000	48.052	3.9	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	48.666	2.7	100	0.00
65	PM	Chlorobenzene	50.000	49.328	1.3	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.066	-2.1	102	0.00
67	C	Ethyl Benzene	50.000	50.390	-0.8#	100	0.00
68	T	m/p-Xylenes	100.000	101.129	-1.1	101	0.00
69	T	o-Xylene	50.000	50.438	-0.9	98	0.00
70	T	Styrene	50.000	51.730	-3.5	101	0.00
71	P	Bromoform	50.000	49.089	1.8	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	50.408	-0.8	99	0.00
74	T	N-amyl acetate	50.000	51.312	-2.6	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.034	1.9	97	0.00
76	T	1,2,3-Trichloropropane	50.000	54.055	-8.1	106	0.00
77	T	Bromobenzene	50.000	50.605	-1.2	99	0.00
78	T	n-propylbenzene	50.000	50.146	-0.3	98	0.00
79	T	2-Chlorotoluene	50.000	50.922	-1.8	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.025	-2.0	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.891	-5.8	104	0.00
82	T	4-Chlorotoluene	50.000	50.181	-0.4	101	0.00
83	T	tert-Butylbenzene	50.000	50.222	-0.4	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.103	-2.2	100	0.00
85	T	sec-Butylbenzene	50.000	49.506	1.0	98	0.00
86	T	p-Isopropyltoluene	50.000	50.996	-2.0	100	0.00
87	T	1,3-Dichlorobenzene	50.000	50.974	-1.9	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.426	1.1	100	0.00
89	T	n-Butylbenzene	50.000	49.980	0.0	98	0.00
90	T	Hexachloroethane	50.000	49.622	0.8	100	0.00
91	T	1,2-Dichlorobenzene	50.000	50.687	-1.4	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.311	3.4	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.622	0.8	99	0.00
94	T	Hexachlorobutadiene	50.000	48.956	2.1	96	0.00
95	T	Naphthalene	50.000	53.832	-7.7	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.591	-3.2	101	0.00

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