Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
Data File : VD075168.D
Acq On : 23 Jan 2023 10:15
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 23 14:03:36 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	47.822	4.4	100	0.00
3	P	Chloromethane	50.000	45.391	9.2	94	0.00
4	C	Vinyl Chloride	50.000	45.654	8.7#	95	0.00
5	T	Bromomethane	50.000	44.957	10.1	92	0.00
6	T	Chloroethane	50.000	45.847	8.3	91	0.00
7	T	Trichlorofluoromethane	50.000	49.278	1.4	100	0.00
8	T	Diethyl Ether	50.000	47.208	5.6	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.324	1.4	102	0.00
10	T	Methyl Iodide	50.000	47.079	5.8	84	0.00
11	T	Tert butyl alcohol	250.000	191.553	23.4	80	0.00
12	CM	1,1-Dichloroethene	50.000	49.209	1.6#	98	0.00
13	T	Acrolein	250.000	327.546	-31.0#	125	0.00
14	T	Allyl chloride	50.000	50.334	-0.7	95	0.00
15	T	Acrylonitrile	250.000	253.994	-1.6	92	0.00
16	T	Acetone	250.000	341.807	-36.7#	113	0.00
17	T	Carbon Disulfide	50.000	49.264	1.5	98	0.00
18	T	Methyl Acetate	50.000	49.590	0.8	92	0.00
19	T	Methyl tert-butyl Ether	50.000	49.873	0.3	91	0.00
20	T	Methylene Chloride	50.000	43.818	12.4	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.297	-0.6	96	0.00
22	T	Diisopropyl ether	50.000	50.239	-0.5	93	0.00
23	T	Vinyl Acetate	250.000	266.454	-6.6	101	0.00
24	P	1,1-Dichloroethane	50.000	50.705	-1.4	97	0.00
25	T	2-Butanone	250.000	299.635	-19.9	105	0.00
26	T	2,2-Dichloropropane	50.000	47.728	4.5	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.955	0.1	94	0.00
28	T	Bromochloromethane	50.000	47.630	4.7	93	0.00
29	T	Tetrahydrofuran	250.000	247.441	1.0	89	0.00
30	C	Chloroform	50.000	50.191	-0.4#	95	0.00
31	T	Cyclohexane	50.000	47.390	5.2	102	0.00
32	T	1,1,1-Trichloroethane	50.000	49.855	0.3	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.619	-1.2	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	52.663	-5.3	95	0.00
36	T	1,1-Dichloropropene	50.000	50.342	-0.7	99	0.00
37	T	Ethyl Acetate	50.000	48.501	3.0	90	0.00
38	T	Carbon Tetrachloride	50.000	52.561	-5.1	102	0.00
39	T	Methylcyclohexane	50.000	51.075	-2.2	103	0.00
40	TM	Benzene	50.000	51.889	-3.8	96	0.00
41	T	Methacrylonitrile	50.000	49.693	0.6	98	0.00
42	TM	1,2-Dichloroethane	50.000	51.301	-2.6	94	0.00
43	T	Isopropyl Acetate	50.000	50.038	-0.1	91	0.00
44	TM	Trichloroethene	50.000	49.430	1.1	93	0.00
45	C	1,2-Dichloropropane	50.000	51.162	-2.3#	95	0.00
46	T	Dibromomethane	50.000	51.195	-2.4	93	0.00
47	T	Bromodichloromethane	50.000	51.868	-3.7	94	0.00
48	T	Methyl methacrylate	50.000	49.132	1.7	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1025.584	-2.6	95	0.00
50	S	Toluene-d8	50.000	52.543	-5.1	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.448	-3.8	95	0.00
52	CM	Toluene	50.000	51.578	-3.2#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	51.208	-2.4	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.688	-3.4	92	0.00
55	T	1,1,2-Trichloroethane	50.000	50.869	-1.7	91	0.00
56	T	Ethyl methacrylate	50.000	50.625	-1.3	89	0.00
57	T	1,3-Dichloropropane	50.000	51.052	-2.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.925	-5.2	102	0.00
59	T	2-Hexanone	250.000	297.941	-19.2	105	0.00
60	T	Dibromochloromethane	50.000	50.197	-0.4	90	0.00
61	T	1,2-Dibromoethane	50.000	49.736	0.5	90	0.00
62	S	4-Bromofluorobenzene	50.000	49.897	0.2	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	49.878	0.2	95	0.00
65	PM	Chlorobenzene	50.000	51.026	-2.1	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.504	-3.0	95	0.00
67	C	Ethyl Benzene	50.000	51.816	-3.6#	96	0.00
68	T	m/p-Xylenes	100.000	103.203	-3.2	95	0.00
69	T	o-Xylene	50.000	52.145	-4.3	93	0.00
70	T	Styrene	50.000	51.222	-2.4	92	0.00
71	P	Bromoform	50.000	51.640	-3.3	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	50.224	-0.4	96	0.00
74	T	N-amyl acetate	50.000	47.480	5.0	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.926	-1.9	93	0.00
76	T	1,2,3-Trichloropropane	50.000	48.965	2.1	97	0.00
77	T	Bromobenzene	50.000	48.214	3.6	88	0.00
78	T	n-propylbenzene	50.000	50.101	-0.2	96	0.00
79	T	2-Chlorotoluene	50.000	48.937	2.1	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.070	-0.1	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.630	-11.3	103	0.00
82	T	4-Chlorotoluene	50.000	49.701	0.6	94	0.00
83	T	tert-Butylbenzene	50.000	50.573	-1.1	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.320	-0.6	94	0.00
85	T	sec-Butylbenzene	50.000	50.273	-0.5	97	0.00
86	T	p-Isopropyltoluene	50.000	49.245	1.5	94	0.00
87	T	1,3-Dichlorobenzene	50.000	49.216	1.6	91	0.00
88	T	1,4-Dichlorobenzene	50.000	49.523	1.0	92	0.00
89	T	n-Butylbenzene	50.000	49.972	0.1	96	0.00
90	T	Hexachloroethane	50.000	49.220	1.6	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.243	-0.5	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.160	-0.3	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.618	8.8	84	0.00
94	T	Hexachlorobutadiene	50.000	47.004	6.0	89	0.00
95	T	Naphthalene	50.000	45.716	8.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.824	8.4	84	0.00

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