Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076946.D
Acq On : 07 Aug 2023 22:17
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.80G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 08 04:42:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	41.413	17.2	73	0.00
3	P	Chloromethane	50.000	43.850	12.3	76	0.00
4	C	Vinyl Chloride	50.000	45.280	9.4#	79	0.00
5	T	Bromomethane	50.000	43.790	12.4	81	0.00
6	T	Chloroethane	50.000	48.642	2.7	85	0.00
7	T	Trichlorofluoromethane	50.000	48.796	2.4	89	0.00
8	T	Diethyl Ether	50.000	54.339	-8.7	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.267	3.5	86	0.00
10	T	Methyl Iodide	50.000	55.331	-10.7	91	0.00
11	T	Tert butyl alcohol	250.000	271.591	-8.6	95	0.01
12	CM	1,1-Dichloroethene	50.000	48.596	2.8#	86	0.00
13	T	Acrolein	250.000	67.852	72.9#	26	0.00
14	T	Allyl chloride	50.000	41.036	17.9	70	0.00
15	T	Acrylonitrile	250.000	178.555	28.6#	60	0.00
16	T	Acetone	250.000	198.925	20.4	68	0.00
17	T	Carbon Disulfide	50.000	39.702	20.6	67	0.00
18	T	Methyl Acetate	50.000	131.537	-163.1#	223	0.00
19	T	Methyl tert-butyl Ether	50.000	56.349	-12.7	94	0.00
20	T	Methylene Chloride	50.000	69.557	-39.1#	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.185	-0.4	85	0.00
22	T	Diisopropyl ether	50.000	51.838	-3.7	86	0.00
23	T	Vinyl Acetate	250.000	79.857	68.1#	26	0.06
24	P	1,1-Dichloroethane	50.000	55.563	-11.1	94	0.00
25	T	2-Butanone	250.000	248.055	0.8	82	0.00
26	T	2,2-Dichloropropane	50.000	19.362	61.3#	34	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.660	-7.3	92	0.00
28	T	Bromochloromethane	50.000	47.757	4.5	89	0.00
29	T	Tetrahydrofuran	250.000	266.389	-6.6	91	0.00
30	C	Chloroform	50.000	56.808	-13.6#	100	0.00
31	T	Cyclohexane	50.000	40.159	19.7	76	0.00
32	T	1,1,1-Trichloroethane	50.000	54.957	-9.9	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.867	-15.7	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	56.757	-13.5	115	0.00
36	T	1,1-Dichloropropene	50.000	46.838	6.3	88	0.00
37	T	Ethyl Acetate	50.000	26.555	46.9#	46	0.00
38	T	Carbon Tetrachloride	50.000	48.899	2.2	92	0.00
39	T	Methylcyclohexane	50.000	39.539	20.9	74	0.00
40	TM	Benzene	50.000	48.958	2.1	92	0.00
41	T	Methacrylonitrile	50.000	39.806	20.4	75	0.00
42	TM	1,2-Dichloroethane	50.000	53.275	-6.5	98	0.00
43	T	Isopropyl Acetate	50.000	41.437	17.1	75	0.00
44	TM	Trichloroethene	50.000	50.239	-0.5	93	0.00
45	C	1,2-Dichloropropane	50.000	52.525	-5.0#	92	0.00
46	T	Dibromomethane	50.000	52.899	-5.8	93	0.00
47	T	Bromodichloromethane	50.000	53.740	-7.5	96	0.00
48	T	Methyl methacrylate	50.000	53.692	-7.4	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1052.624	-5.3	99	0.01
50	S	Toluene-d8	50.000	50.510	-1.0	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.587	-0.2	87	0.00
52	CM	Toluene	50.000	48.954	2.1#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	36.755	26.5#	64	0.00
54	T	cis-1,3-Dichloropropene	50.000	37.103	25.8#	66	0.00
55	T	1,1,2-Trichloroethane	50.000	52.910	-5.8	94	0.00
56	T	Ethyl methacrylate	50.000	46.057	7.9	79	0.00
57	T	1,3-Dichloropropane	50.000	51.750	-3.5	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	224.593	10.2	84	0.00
59	T	2-Hexanone	250.000	236.465	5.4	82	0.00
60	T	Dibromochloromethane	50.000	56.199	-12.4	99	0.00
61	T	1,2-Dibromoethane	50.000	51.785	-3.6	90	0.00
62	S	4-Bromofluorobenzene	50.000	53.251	-6.5	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	84.209	-68.4#	152	0.00
65	PM	Chlorobenzene	50.000	50.767	-1.5	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.336	-8.7	97	0.00
67	C	Ethyl Benzene	50.000	50.821	-1.6#	90	0.00
68	T	m/p-Xylenes	100.000	105.799	-5.8	94	0.00
69	T	o-Xylene	50.000	53.025	-6.0	93	0.00
70	T	Styrene	50.000	52.979	-6.0	92	0.00
71	P	Bromoform	50.000	56.875	-13.8	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	48.649	2.7	90	0.00
74	T	N-amyl acetate	50.000	31.509	37.0#	58	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.227	1.5	90	0.00
76	T	1,2,3-Trichloropropane	50.000	51.999	-4.0	93	0.00
77	T	Bromobenzene	50.000	51.271	-2.5	94	0.00
78	T	n-propylbenzene	50.000	48.004	4.0	89	0.00
79	T	2-Chlorotoluene	50.000	49.236	1.5	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.497	1.0	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	21.972	56.1#	39	0.00
82	T	4-Chlorotoluene	50.000	48.555	2.9	88	0.00
83	T	tert-Butylbenzene	50.000	48.796	2.4	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.922	-1.8	92	0.00
85	T	sec-Butylbenzene	50.000	47.610	4.8	88	0.00
86	T	p-Isopropyltoluene	50.000	46.802	6.4	85	0.00
87	T	1,3-Dichlorobenzene	50.000	48.804	2.4	89	0.00
88	T	1,4-Dichlorobenzene	50.000	49.726	0.5	92	0.00
89	T	n-Butylbenzene	50.000	43.313	13.4	80	0.00
90	T	Hexachloroethane	50.000	51.357	-2.7	93	0.00
91	T	1,2-Dichlorobenzene	50.000	50.527	-1.1	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.331	3.3	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.743	2.5	90	0.00
94	T	Hexachlorobutadiene	50.000	42.830	14.3	80	0.00
95	T	Naphthalene	50.000	51.863	-3.7	93	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	95	0.00

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