Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
Data File : VD076991.D
Acq On : 14 Aug 2023 10:12
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 12:43:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 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	114	0.00
2	T	Dichlorodifluoromethane	50.000	45.210	9.6	108	0.00
3	P	Chloromethane	50.000	40.823	18.4	97	0.00
4	C	Vinyl Chloride	50.000	42.408	15.2#	104	0.00
5	T	Bromomethane	50.000	39.825	20.3	106	0.00
6	T	Chloroethane	50.000	42.074	15.9	105	0.00
7	T	Trichlorofluoromethane	50.000	45.020	10.0	117	0.00
8	T	Diethyl Ether	50.000	49.422	1.2	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.680	8.6	119	0.00
10	T	Methyl Iodide	50.000	48.314	3.4	108	0.00
11	T	Tert butyl alcohol	250.000	290.058	-16.0	131	-0.01
12	CM	1,1-Dichloroethene	50.000	42.967	14.1#	108	0.00
13	T	Acrolein	250.000	210.835	15.7	112	0.00
14	T	Allyl chloride	50.000	45.578	8.8	109	0.00
15	T	Acrylonitrile	250.000	245.552	1.8	120	0.00
16	T	Acetone	250.000	325.452	-30.2#	150	0.00
17	T	Carbon Disulfide	50.000	42.138	15.7	98	0.00
18	T	Methyl Acetate	50.000	48.685	2.6	120	0.00
19	T	Methyl tert-butyl Ether	50.000	51.927	-3.9	125	0.00
20	T	Methylene Chloride	50.000	44.246	11.5	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.111	7.8	114	0.00
22	T	Diisopropyl ether	50.000	49.595	0.8	115	0.00
23	T	Vinyl Acetate	250.000	259.436	-3.8	120	0.00
24	P	1,1-Dichloroethane	50.000	45.980	8.0	111	0.00
25	T	2-Butanone	250.000	259.505	-3.8	133	0.00
26	T	2,2-Dichloropropane	50.000	45.426	9.1	117	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.581	4.8	115	0.00
28	T	Bromochloromethane	50.000	48.099	3.8	112	0.00
29	T	Tetrahydrofuran	250.000	252.161	-0.9	122	0.00
30	C	Chloroform	50.000	49.190	1.6#	118	0.00
31	T	Cyclohexane	50.000	46.050	7.9	107	0.00
32	T	1,1,1-Trichloroethane	50.000	48.044	3.9	120	0.00
33	S	1,2-Dichloroethane-d4	50.000	39.455	21.1	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	43.640	12.7	100	0.00
36	T	1,1-Dichloropropene	50.000	48.345	3.3	110	0.00
37	T	Ethyl Acetate	50.000	49.439	1.1	123	0.00
38	T	Carbon Tetrachloride	50.000	50.307	-0.6	120	0.00
39	T	Methylcyclohexane	50.000	45.650	8.7	106	0.00
40	TM	Benzene	50.000	49.642	0.7	113	0.00
41	T	Methacrylonitrile	50.000	55.313	-10.6	126	0.00
42	TM	1,2-Dichloroethane	50.000	53.647	-7.3	122	0.00
43	T	Isopropyl Acetate	50.000	53.310	-6.6	123	0.00
44	TM	Trichloroethene	50.000	49.682	0.6	117	0.00
45	C	1,2-Dichloropropane	50.000	51.062	-2.1#	121	0.00
46	T	Dibromomethane	50.000	49.937	0.1	117	0.00
47	T	Bromodichloromethane	50.000	51.208	-2.4	121	0.00
48	T	Methyl methacrylate	50.000	55.960	-11.9	120	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1038.429	-3.8	125	0.00
50	S	Toluene-d8	50.000	41.102	17.8	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.348	-8.9	127	0.00
52	CM	Toluene	50.000	50.806	-1.6#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	52.039	-4.1	119	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.495	-3.0	119	0.00
55	T	1,1,2-Trichloroethane	50.000	51.704	-3.4	120	0.00
56	T	Ethyl methacrylate	50.000	54.416	-8.8	122	0.00
57	T	1,3-Dichloropropane	50.000	51.192	-2.4	119	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	211.571	15.4	106	0.00
59	T	2-Hexanone	250.000	281.231	-12.5	129	0.00
60	T	Dibromochloromethane	50.000	54.611	-9.2	125	0.00
61	T	1,2-Dibromoethane	50.000	51.442	-2.9	119	0.00
62	S	4-Bromofluorobenzene	50.000	43.509	13.0	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	48.726	2.5	114	0.00
65	PM	Chlorobenzene	50.000	50.716	-1.4	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.408	-6.8	124	0.00
67	C	Ethyl Benzene	50.000	50.647	-1.3#	116	0.00
68	T	m/p-Xylenes	100.000	103.591	-3.6	117	0.00
69	T	o-Xylene	50.000	52.268	-4.5	120	0.00
70	T	Styrene	50.000	53.008	-6.0	116	0.00
71	P	Bromoform	50.000	55.582	-11.2	133	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73	T	Isopropylbenzene	50.000	49.767	0.5	119	0.00
74	T	N-amyl acetate	50.000	49.134	1.7	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.396	1.2	123	0.00
76	T	1,2,3-Trichloropropane	50.000	48.032	3.9	106	0.00
77	T	Bromobenzene	50.000	50.518	-1.0	125	0.00
78	T	n-propylbenzene	50.000	49.070	1.9	116	0.00
79	T	2-Chlorotoluene	50.000	48.624	2.8	117	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.388	-0.8	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.494	3.0	120	0.00
82	T	4-Chlorotoluene	50.000	49.028	1.9	117	0.00
83	T	tert-Butylbenzene	50.000	50.045	-0.1	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.401	-0.8	120	0.00
85	T	sec-Butylbenzene	50.000	49.436	1.1	120	0.00
86	T	p-Isopropyltoluene	50.000	50.674	-1.3	121	0.00
87	T	1,3-Dichlorobenzene	50.000	51.335	-2.7	125	0.00
88	T	1,4-Dichlorobenzene	50.000	49.564	0.9	122	0.00
89	T	n-Butylbenzene	50.000	48.190	3.6	116	0.00
90	T	Hexachloroethane	50.000	50.538	-1.1	129	0.00
91	T	1,2-Dichlorobenzene	50.000	50.501	-1.0	124	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.548	-1.1	132	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.783	-3.6	129	0.00
94	T	Hexachlorobutadiene	50.000	50.423	-0.8	131	0.00
95	T	Naphthalene	50.000	52.192	-4.4	129	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.391	-4.8	128	0.00

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