Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
Data File : VD075607.D
Acq On : 07 Apr 2023 18:11
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 10 02:08:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 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	165	0.00
2	T	Dichlorodifluoromethane	50.000	34.947	30.1#	123	0.00
3	P	Chloromethane	50.000	43.248	13.5	141	0.00
4	C	Vinyl Chloride	50.000	38.271	23.5#	133	0.00
5	T	Bromomethane	50.000	39.001	22.0	135	0.00
6	T	Chloroethane	50.000	39.660	20.7	139	0.00
7	T	Trichlorofluoromethane	50.000	36.909	26.2#	129	0.00
8	T	Diethyl Ether	50.000	42.711	14.6	140	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	36.910	26.2#	130	0.00
10	T	Methyl Iodide	50.000	39.892	20.2	134	0.00
11	T	Tert butyl alcohol	250.000	205.854	17.7	131	-0.01
12	CM	1,1-Dichloroethene	50.000	37.597	24.8#	127	0.00
13	T	Acrolein	250.000	163.334	34.7#	115	0.00
14	T	Allyl chloride	50.000	39.435	21.1	137	0.00
15	T	Acrylonitrile	250.000	219.160	12.3	149	0.00
16	T	Acetone	250.000	233.709	6.5	141	0.00
17	T	Carbon Disulfide	50.000	37.672	24.7	130	0.00
18	T	Methyl Acetate	50.000	45.908	8.2	160	0.00
19	T	Methyl tert-butyl Ether	50.000	44.519	11.0	146	0.00
20	T	Methylene Chloride	50.000	46.931	6.1	154	0.00
21	T	trans-1,2-Dichloroethene	50.000	39.753	20.5	136	0.00
22	T	Diisopropyl ether	50.000	44.533	10.9	148	0.00
23	T	Vinyl Acetate	250.000	222.739	10.9	145	0.00
24	P	1,1-Dichloroethane	50.000	41.882	16.2	143	0.00
25	T	2-Butanone	250.000	215.074	14.0	142	0.00
26	T	2,2-Dichloropropane	50.000	39.309	21.4	134	0.00
27	T	cis-1,2-Dichloroethene	50.000	41.803	16.4	140	0.00
28	T	Bromochloromethane	50.000	50.163	-0.3	166	0.00
29	T	Tetrahydrofuran	250.000	251.869	-0.7	171	0.00
30	C	Chloroform	50.000	48.291	3.4#	164	0.00
31	T	Cyclohexane	50.000	40.667	18.7	142	0.00
32	T	1,1,1-Trichloroethane	50.000	45.487	9.0	157	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.602	4.8	153	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	134	0.00
35	S	Dibromofluoromethane	50.000	67.323	-34.6#	173	0.00
36	T	1,1-Dichloropropene	50.000	49.126	1.7	133	0.00
37	T	Ethyl Acetate	50.000	58.249	-16.5	159	0.00
38	T	Carbon Tetrachloride	50.000	48.725	2.5	132	0.00
39	T	Methylcyclohexane	50.000	45.925	8.2	125	0.00
40	TM	Benzene	50.000	53.725	-7.5	147	0.00
41	T	Methacrylonitrile	50.000	56.464	-12.9	156	0.00
42	TM	1,2-Dichloroethane	50.000	56.716	-13.4	155	0.00
43	T	Isopropyl Acetate	50.000	57.717	-15.4	157	0.00
44	TM	Trichloroethene	50.000	49.995	0.0	141	0.00
45	C	1,2-Dichloropropane	50.000	55.563	-11.1#	151	0.00
46	T	Dibromomethane	50.000	56.864	-13.7	156	0.00
47	T	Bromodichloromethane	50.000	55.261	-10.5	151	0.00
48	T	Methyl methacrylate	50.000	57.512	-15.0	161	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1091.020	-9.1	141	0.00
50	S	Toluene-d8	50.000	58.473	-16.9	144	0.00
51	T	4-Methyl-2-Pentanone	250.000	289.034	-15.6	155	0.00
52	CM	Toluene	50.000	54.273	-8.5#	144	0.00
53	T	t-1,3-Dichloropropene	50.000	56.303	-12.6	151	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.917	-9.8	148	0.00
55	T	1,1,2-Trichloroethane	50.000	55.435	-10.9	151	0.00
56	T	Ethyl methacrylate	50.000	60.027	-20.1	155	0.00
57	T	1,3-Dichloropropane	50.000	56.967	-13.9	155	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.565	-20.2	156	0.00
59	T	2-Hexanone	250.000	285.358	-14.1	148	0.00
60	T	Dibromochloromethane	50.000	58.543	-17.1	159	0.00
61	T	1,2-Dibromoethane	50.000	55.814	-11.6	150	0.00
62	S	4-Bromofluorobenzene	50.000	57.795	-15.6	147	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	142	0.00
64	T	Tetrachloroethene	50.000	49.553	0.9	140	0.00
65	PM	Chlorobenzene	50.000	50.928	-1.9	146	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.914	-5.8	150	0.00
67	C	Ethyl Benzene	50.000	51.562	-3.1#	143	0.00
68	T	m/p-Xylenes	100.000	106.788	-6.8	145	0.00
69	T	o-Xylene	50.000	51.623	-3.2	141	0.00
70	T	Styrene	50.000	55.661	-11.3	150	0.00
71	P	Bromoform	50.000	55.063	-10.1	157	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	150	0.00
73	T	Isopropylbenzene	50.000	47.394	5.2	141	0.00
74	T	N-amyl acetate	50.000	50.789	-1.6	158	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.964	-1.9	161	0.00
76	T	1,2,3-Trichloropropane	50.000	55.325	-10.7	179	0.00
77	T	Bromobenzene	50.000	47.285	5.4	148	0.00
78	T	n-propylbenzene	50.000	47.041	5.9	143	0.00
79	T	2-Chlorotoluene	50.000	47.333	5.3	146	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.839	4.3	144	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.515	-3.0	154	0.00
82	T	4-Chlorotoluene	50.000	48.280	3.4	151	0.00
83	T	tert-Butylbenzene	50.000	46.660	6.7	139	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.588	-1.2	151	0.00
85	T	sec-Butylbenzene	50.000	46.941	6.1	142	0.00
86	T	p-Isopropyltoluene	50.000	47.772	4.5	141	0.00
87	T	1,3-Dichlorobenzene	50.000	48.883	2.2	151	0.00
88	T	1,4-Dichlorobenzene	50.000	47.538	4.9	150	0.00
89	T	n-Butylbenzene	50.000	46.679	6.6	141	0.00
90	T	Hexachloroethane	50.000	45.395	9.2	143	0.00
91	T	1,2-Dichlorobenzene	50.000	49.374	1.3	152	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.022	-2.0	155	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.143	9.7	143	0.00
94	T	Hexachlorobutadiene	50.000	43.166	13.7	133	0.00
95	T	Naphthalene	50.000	46.647	6.7	142	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.855	10.3	143	0.00

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