Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
Data File : VY012168.D
Acq On : 12 Jan 2023 10:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 12 13:35:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 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	124	0.00
2	T	Dichlorodifluoromethane	50.000	45.857	8.3	115	0.00
3	P	Chloromethane	50.000	50.320	-0.6	128	0.00
4	C	Vinyl Chloride	50.000	44.420	11.2#	124	0.00
5	T	Bromomethane	50.000	46.456	7.1	117	0.00
6	T	Chloroethane	50.000	44.309	11.4	123	0.00
7	T	Trichlorofluoromethane	50.000	43.490	13.0	116	0.00
8	T	Diethyl Ether	50.000	46.888	6.2	124	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.266	1.5	128	0.00
10	T	Methyl Iodide	50.000	45.947	8.1	119	0.00
11	T	Tert butyl alcohol	250.000	174.547	30.2#	98	0.00
12	CM	1,1-Dichloroethene	50.000	47.221	5.6#	127	0.00
13	T	Acrolein	250.000	241.934	3.2	133	0.00
14	T	Allyl chloride	50.000	52.975	-6.0	140	0.00
15	T	Acrylonitrile	250.000	246.830	1.3	129	0.00
16	T	Acetone	250.000	232.798	6.9	123	0.00
17	T	Carbon Disulfide	50.000	47.556	4.9	124	0.00
18	T	Methyl Acetate	50.000	47.459	5.1	131	0.00
19	T	Methyl tert-butyl Ether	50.000	47.500	5.0	120	0.00
20	T	Methylene Chloride	50.000	48.739	2.5	120	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.362	5.3	126	0.00
22	T	Diisopropyl ether	50.000	55.276	-10.6	139	0.00
23	T	Vinyl Acetate	250.000	261.614	-4.6	131	0.00
24	P	1,1-Dichloroethane	50.000	51.292	-2.6	133	0.00
25	T	2-Butanone	250.000	237.548	5.0	127	0.00
26	T	2,2-Dichloropropane	50.000	45.851	8.3	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.257	1.5	125	0.00
28	T	Bromochloromethane	50.000	51.222	-2.4	136	0.00
29	T	Tetrahydrofuran	250.000	249.021	0.4	129	0.00
30	C	Chloroform	50.000	49.151	1.7#	125	0.00
31	T	Cyclohexane	50.000	51.632	-3.3	128	0.00
32	T	1,1,1-Trichloroethane	50.000	46.522	7.0	118	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.451	15.1	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	126	0.00
35	S	Dibromofluoromethane	50.000	48.276	3.4	125	0.00
36	T	1,1-Dichloropropene	50.000	47.330	5.3	127	0.00
37	T	Ethyl Acetate	50.000	45.227	9.5	128	0.00
38	T	Carbon Tetrachloride	50.000	44.795	10.4	115	0.00
39	T	Methylcyclohexane	50.000	47.408	5.2	125	0.00
40	TM	Benzene	50.000	48.361	3.3	127	0.00
41	T	Methacrylonitrile	50.000	43.140	13.7	104	-0.01
42	TM	1,2-Dichloroethane	50.000	44.539	10.9	114	0.00
43	T	Isopropyl Acetate	50.000	49.146	1.7	126	0.00
44	TM	Trichloroethene	50.000	47.232	5.5	123	0.00
45	C	1,2-Dichloropropane	50.000	52.378	-4.8#	135	0.00
46	T	Dibromomethane	50.000	47.722	4.6	122	0.00
47	T	Bromodichloromethane	50.000	49.427	1.1	125	0.00
48	T	Methyl methacrylate	50.000	49.273	1.5	124	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	936.399	6.4	124	0.00
50	S	Toluene-d8	50.000	44.583	10.8	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.182	1.1	125	0.00
52	CM	Toluene	50.000	47.596	4.8#	125	0.00
53	T	t-1,3-Dichloropropene	50.000	47.879	4.2	122	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.547	0.9	126	0.00
55	T	1,1,2-Trichloroethane	50.000	48.859	2.3	122	0.00
56	T	Ethyl methacrylate	50.000	50.084	-0.2	123	0.00
57	T	1,3-Dichloropropane	50.000	49.435	1.1	125	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.357	-0.1	130	0.00
59	T	2-Hexanone	250.000	245.370	1.9	121	0.00
60	T	Dibromochloromethane	50.000	47.852	4.3	120	0.00
61	T	1,2-Dibromoethane	50.000	47.776	4.4	124	0.00
62	S	4-Bromofluorobenzene	50.000	46.783	6.4	123	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64	T	Tetrachloroethene	50.000	48.136	3.7	123	0.00
65	PM	Chlorobenzene	50.000	48.650	2.7	123	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.072	1.9	122	0.00
67	C	Ethyl Benzene	50.000	48.582	2.8#	122	0.00
68	T	m/p-Xylenes	100.000	97.114	2.9	123	0.00
69	T	o-Xylene	50.000	48.832	2.3	122	0.00
70	T	Styrene	50.000	48.760	2.5	120	0.00
71	P	Bromoform	50.000	47.614	4.8	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73	T	Isopropylbenzene	50.000	50.461	-0.9	121	0.00
74	T	N-amyl acetate	50.000	52.120	-4.2	123	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.474	-0.9	123	0.00
76	T	1,2,3-Trichloropropane	50.000	48.638	2.7	127	0.00
77	T	Bromobenzene	50.000	49.012	2.0	120	0.00
78	T	n-propylbenzene	50.000	50.741	-1.5	123	0.00
79	T	2-Chlorotoluene	50.000	50.118	-0.2	123	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.679	0.6	120	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.808	0.4	120	0.00
82	T	4-Chlorotoluene	50.000	48.829	2.3	119	0.00
83	T	tert-Butylbenzene	50.000	49.324	1.4	117	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.936	0.1	121	0.00
85	T	sec-Butylbenzene	50.000	50.449	-0.9	120	0.00
86	T	p-Isopropyltoluene	50.000	49.795	0.4	119	0.00
87	T	1,3-Dichlorobenzene	50.000	48.292	3.4	119	0.00
88	T	1,4-Dichlorobenzene	50.000	48.022	4.0	119	0.00
89	T	n-Butylbenzene	50.000	51.264	-2.5	122	0.00
90	T	Hexachloroethane	50.000	49.883	0.2	121	0.00
91	T	1,2-Dichlorobenzene	50.000	48.145	3.7	118	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.534	10.9	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.233	3.5	119	0.00
94	T	Hexachlorobutadiene	50.000	49.861	0.3	121	0.00
95	T	Naphthalene	50.000	47.264	5.5	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.716	4.6	118	0.00

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