Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
Data File : VY012431.D
Acq On : 31 Jan 2023 19:28
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 01 01:26:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	39.042	21.9	92	0.00
3	P	Chloromethane	50.000	45.454	9.1	100	0.00
4	C	Vinyl Chloride	50.000	46.715	6.6#	101	0.00
5	T	Bromomethane	50.000	47.054	5.9	103	0.00
6	T	Chloroethane	50.000	49.356	1.3	106	0.00
7	T	Trichlorofluoromethane	50.000	46.897	6.2	102	0.00
8	T	Diethyl Ether	50.000	52.496	-5.0	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.526	-1.1	111	0.00
10	T	Methyl Iodide	50.000	46.073	7.9	92	0.00
11	T	Tert butyl alcohol	250.000	263.598	-5.4	112	0.00
12	CM	1,1-Dichloroethene	50.000	49.726	0.5#	104	0.00
13	T	Acrolein	250.000	251.271	-0.5	114	0.00
14	T	Allyl chloride	50.000	54.378	-8.8	114	0.00
15	T	Acrylonitrile	250.000	284.027	-13.6	116	0.00
16	T	Acetone	250.000	238.961	4.4	86	0.00
17	T	Carbon Disulfide	50.000	45.082	9.8	95	0.00
18	T	Methyl Acetate	50.000	57.422	-14.8	119	0.00
19	T	Methyl tert-butyl Ether	50.000	53.442	-6.9	107	0.00
20	T	Methylene Chloride	50.000	49.995	0.0	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.746	-1.5	105	0.00
22	T	Diisopropyl ether	50.000	56.632	-13.3	117	0.00
23	T	Vinyl Acetate	250.000	277.426	-11.0	111	0.00
24	P	1,1-Dichloroethane	50.000	54.008	-8.0	112	0.00
25	T	2-Butanone	250.000	264.588	-5.8	104	0.00
26	T	2,2-Dichloropropane	50.000	49.838	0.3	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.414	-6.8	110	0.00
28	T	Bromochloromethane	50.000	48.900	2.2	105	0.00
29	T	Tetrahydrofuran	250.000	288.584	-15.4	114	0.00
30	C	Chloroform	50.000	52.634	-5.3#	109	0.00
31	T	Cyclohexane	50.000	48.033	3.9	111	0.00
32	T	1,1,1-Trichloroethane	50.000	49.995	0.0	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	-3.435	106.9#	2	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	0.473	99.1#	1	0.00
36	T	1,1-Dichloropropene	50.000	49.848	0.3	106	0.00
37	T	Ethyl Acetate	50.000	53.903	-7.8	110	0.00
38	T	Carbon Tetrachloride	50.000	48.542	2.9	103	0.00
39	T	Methylcyclohexane	50.000	50.969	-1.9	110	0.00
40	TM	Benzene	50.000	51.716	-3.4	109	0.00
41	T	Methacrylonitrile	50.000	59.449	-18.9	116	0.00
42	TM	1,2-Dichloroethane	50.000	50.678	-1.4	103	0.00
43	T	Isopropyl Acetate	50.000	56.039	-12.1	113	0.00
44	TM	Trichloroethene	50.000	51.221	-2.4	107	0.00
45	C	1,2-Dichloropropane	50.000	55.620	-11.2#	116	0.00
46	T	Dibromomethane	50.000	53.727	-7.5	110	0.00
47	T	Bromodichloromethane	50.000	53.486	-7.0	110	0.00
48	T	Methyl methacrylate	50.000	55.440	-10.9	108	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	1110.312	-11.0	107	0.00
50	S	Toluene-d8	50.000	-3.612	107.2#	2	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.196	-12.9	113	0.00
52	CM	Toluene	50.000	51.457	-2.9#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	52.962	-5.9	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.934	-5.9	108	0.00
55	T	1,1,2-Trichloroethane	50.000	55.071	-10.1	112	0.00
56	T	Ethyl methacrylate	50.000	56.343	-12.7	111	0.00
57	T	1,3-Dichloropropane	50.000	55.004	-10.0	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.529	-1.4	105	0.00
59	T	2-Hexanone	250.000	269.117	-7.6	103	0.00
60	T	Dibromochloromethane	50.000	54.204	-8.4	109	0.00
61	T	1,2-Dibromoethane	50.000	54.214	-8.4	110	0.00
62	S	4-Bromofluorobenzene	50.000	1.886	96.2#	4	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	54.320	-8.6	113	0.00
65	PM	Chlorobenzene	50.000	51.416	-2.8	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.602	-5.2	109	0.00
67	C	Ethyl Benzene	50.000	51.350	-2.7#	108	0.00
68	T	m/p-Xylenes	100.000	102.145	-2.1	107	0.00
69	T	o-Xylene	50.000	51.421	-2.8	107	0.00
70	T	Styrene	50.000	52.512	-5.0	108	0.00
71	P	Bromoform	50.000	53.654	-7.3	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	50.273	-0.5	109	0.00
74	T	N-amyl acetate	50.000	52.582	-5.2	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.655	-5.3	112	0.00
76	T	1,2,3-Trichloropropane	50.000	55.030	-10.1	105	0.00
77	T	Bromobenzene	50.000	50.122	-0.2	107	0.00
78	T	n-propylbenzene	50.000	49.985	0.0	110	0.00
79	T	2-Chlorotoluene	50.000	50.189	-0.4	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.822	0.4	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.010	-4.0	108	0.00
82	T	4-Chlorotoluene	50.000	49.698	0.6	109	0.00
83	T	tert-Butylbenzene	50.000	49.736	0.5	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.637	0.7	107	0.00
85	T	sec-Butylbenzene	50.000	50.096	-0.2	110	0.00
86	T	p-Isopropyltoluene	50.000	49.719	0.6	109	0.00
87	T	1,3-Dichlorobenzene	50.000	49.322	1.4	107	0.00
88	T	1,4-Dichlorobenzene	50.000	48.629	2.7	107	0.00
89	T	n-Butylbenzene	50.000	50.011	-0.0	110	0.00
90	T	Hexachloroethane	50.000	49.570	0.9	110	0.00
91	T	1,2-Dichlorobenzene	50.000	50.030	-0.1	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.724	-3.4	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.785	2.4	108	0.00
94	T	Hexachlorobutadiene	50.000	48.389	3.2	111	0.00
95	T	Naphthalene	50.000	51.591	-3.2	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.653	2.7	109	0.00

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