Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012387.D
Acq On : 30 Jan 2023 09:41
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 31 01:46:17 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	42.483	15.0	77	0.00
3	P	Chloromethane	50.000	41.609	16.8	71	0.00
4	C	Vinyl Chloride	50.000	45.287	9.4#	76	0.00
5	T	Bromomethane	50.000	54.775	-9.5	93	0.00
6	T	Chloroethane	50.000	47.801	4.4	79	0.00
7	T	Trichlorofluoromethane	50.000	51.258	-2.5	87	0.00
8	T	Diethyl Ether	50.000	49.227	1.5	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.086	-0.2	85	0.00
10	T	Methyl Iodide	50.000	35.206	29.6#	54	0.00
11	T	Tert butyl alcohol	250.000	282.519	-13.0	93	0.00
12	CM	1,1-Dichloroethene	50.000	49.593	0.8#	81	0.00
13	T	Acrolein	250.000	297.644	-19.1	102	0.00
14	T	Allyl chloride	50.000	45.629	8.7	74	0.00
15	T	Acrylonitrile	250.000	258.564	-3.4	82	0.00
16	T	Acetone	250.000	292.794	-17.1	82	0.00
17	T	Carbon Disulfide	50.000	44.197	11.6	73	0.00
18	T	Methyl Acetate	50.000	50.206	-0.4	81	0.00
19	T	Methyl tert-butyl Ether	50.000	53.027	-6.1	82	0.00
20	T	Methylene Chloride	50.000	42.480	15.0	69	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.040	1.9	79	0.00
22	T	Diisopropyl ether	50.000	47.348	5.3	76	0.00
23	T	Vinyl Acetate	250.000	248.634	0.5	77	0.00
24	P	1,1-Dichloroethane	50.000	49.352	1.3	79	0.00
25	T	2-Butanone	250.000	267.565	-7.0	81	0.00
26	T	2,2-Dichloropropane	50.000	51.739	-3.5	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.244	-0.5	80	0.00
28	T	Bromochloromethane	50.000	43.070	13.9	72	0.00
29	T	Tetrahydrofuran	250.000	254.390	-1.8	78	0.00
30	C	Chloroform	50.000	50.912	-1.8#	81	0.00
31	T	Cyclohexane	50.000	44.404	11.2	79	0.00
32	T	1,1,1-Trichloroethane	50.000	52.619	-5.2	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.975	0.0	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	47.449	5.1	78	0.00
36	T	1,1-Dichloropropene	50.000	50.718	-1.4	80	0.00
37	T	Ethyl Acetate	50.000	50.219	-0.4	76	0.00
38	T	Carbon Tetrachloride	50.000	54.721	-9.4	86	0.00
39	T	Methylcyclohexane	50.000	50.926	-1.9	81	0.00
40	TM	Benzene	50.000	50.657	-1.3	80	0.00
41	T	Methacrylonitrile	50.000	53.633	-7.3	78	0.00
42	TM	1,2-Dichloroethane	50.000	54.378	-8.8	83	0.00
43	T	Isopropyl Acetate	50.000	51.809	-3.6	78	0.00
44	TM	Trichloroethene	50.000	52.519	-5.0	82	0.00
45	C	1,2-Dichloropropane	50.000	49.375	1.3#	77	0.00
46	T	Dibromomethane	50.000	52.709	-5.4	80	0.00
47	T	Bromodichloromethane	50.000	53.962	-7.9	83	0.00
48	T	Methyl methacrylate	50.000	53.014	-6.0	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1143.939	-14.4	82	0.00
50	S	Toluene-d8	50.000	48.072	3.9	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.973	-7.6	80	0.00
52	CM	Toluene	50.000	52.397	-4.8#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	53.873	-7.7	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.547	-5.1	80	0.00
55	T	1,1,2-Trichloroethane	50.000	53.974	-7.9	82	0.00
56	T	Ethyl methacrylate	50.000	55.162	-10.3	81	0.00
57	T	1,3-Dichloropropane	50.000	53.706	-7.4	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.205	3.9	74	0.00
59	T	2-Hexanone	250.000	281.587	-12.6	80	0.00
60	T	Dibromochloromethane	50.000	55.725	-11.5	83	0.00
61	T	1,2-Dibromoethane	50.000	53.639	-7.3	81	0.00
62	S	4-Bromofluorobenzene	50.000	47.788	4.4	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	54.706	-9.4	84	0.00
65	PM	Chlorobenzene	50.000	52.259	-4.5	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.916	-9.8	83	0.00
67	C	Ethyl Benzene	50.000	52.947	-5.9#	82	0.00
68	T	m/p-Xylenes	100.000	106.562	-6.6	82	0.00
69	T	o-Xylene	50.000	53.323	-6.6	82	0.00
70	T	Styrene	50.000	54.178	-8.4	82	0.00
71	P	Bromoform	50.000	56.515	-13.0	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	53.245	-6.5	85	0.00
74	T	N-amyl acetate	50.000	49.981	0.0	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.687	-5.4	82	0.00
76	T	1,2,3-Trichloropropane	50.000	45.440	9.1	64	0.00
77	T	Bromobenzene	50.000	53.041	-6.1	83	0.00
78	T	n-propylbenzene	50.000	51.711	-3.4	84	0.00
79	T	2-Chlorotoluene	50.000	51.525	-3.0	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.290	-6.6	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.600	-9.2	83	0.00
82	T	4-Chlorotoluene	50.000	51.247	-2.5	83	0.00
83	T	tert-Butylbenzene	50.000	52.417	-4.8	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.240	-6.5	84	0.00
85	T	sec-Butylbenzene	50.000	52.859	-5.7	86	0.00
86	T	p-Isopropyltoluene	50.000	53.025	-6.0	86	0.00
87	T	1,3-Dichlorobenzene	50.000	51.747	-3.5	83	0.00
88	T	1,4-Dichlorobenzene	50.000	51.569	-3.1	84	0.00
89	T	n-Butylbenzene	50.000	51.733	-3.5	84	0.00
90	T	Hexachloroethane	50.000	51.377	-2.8	84	0.00
91	T	1,2-Dichlorobenzene	50.000	51.872	-3.7	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.924	-11.8	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.980	-2.0	83	0.00
94	T	Hexachlorobutadiene	50.000	50.615	-1.2	85	0.00
95	T	Naphthalene	50.000	53.935	-7.9	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.612	-3.2	85	0.00

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