Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013239.D
Acq On : 11 Apr 2023 13:07
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: Apr 14 15:37:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 15:18:00 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	44.043	11.9	95	0.00
3	P	Chloromethane	50.000	47.456	5.1	94	0.00
4	C	Vinyl Chloride	50.000	42.424	15.2#	92	0.00
5	T	Bromomethane	50.000	48.910	2.2	97	0.00
6	T	Chloroethane	50.000	42.911	14.2	92	0.00
7	T	Trichlorofluoromethane	50.000	47.463	5.1	100	0.00
8	T	Diethyl Ether	50.000	46.777	6.4	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.327	3.3	101	0.00
10	T	Methyl Iodide	50.000	43.615	12.8	97	0.00
11	T	Tert butyl alcohol	250.000	192.194	23.1	96	0.00
12	CM	1,1-Dichloroethene	50.000	47.200	5.6#	100	0.00
13	T	Acrolein	250.000	208.728	16.5	95	0.00
14	T	Allyl chloride	50.000	48.181	3.6	101	0.00
15	T	Acrylonitrile	250.000	217.958	12.8	86	0.00
16	T	Acetone	250.000	226.453	9.4	88	0.01
17	T	Carbon Disulfide	50.000	45.760	8.5	93	0.00
18	T	Methyl Acetate	50.000	41.828	16.3	85	0.00
19	T	Methyl tert-butyl Ether	50.000	47.533	4.9	94	0.00
20	T	Methylene Chloride	50.000	49.808	0.4	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.663	6.7	96	0.01
22	T	Diisopropyl ether	50.000	51.085	-2.2	100	0.00
23	T	Vinyl Acetate	250.000	245.357	1.9	94	0.00
24	P	1,1-Dichloroethane	50.000	49.615	0.8	105	0.00
25	T	2-Butanone	250.000	215.970	13.6	83	0.00
26	T	2,2-Dichloropropane	50.000	47.543	4.9	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.030	1.9	102	0.00
28	T	Bromochloromethane	50.000	49.916	0.2	94	0.00
29	T	Tetrahydrofuran	250.000	215.086	14.0	82	0.00
30	C	Chloroform	50.000	49.669	0.7#	103	0.00
31	T	Cyclohexane	50.000	42.592	14.8	94	0.00
32	T	1,1,1-Trichloroethane	50.000	48.926	2.1	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.950	8.1	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	50.505	-1.0	100	0.00
36	T	1,1-Dichloropropene	50.000	49.584	0.8	98	0.00
37	T	Ethyl Acetate	50.000	46.077	7.8	88	0.00
38	T	Carbon Tetrachloride	50.000	49.809	0.4	101	0.00
39	T	Methylcyclohexane	50.000	49.867	0.3	97	0.00
40	TM	Benzene	50.000	50.784	-1.6	101	0.00
41	T	Methacrylonitrile	50.000	45.804	8.4	97	0.00
42	TM	1,2-Dichloroethane	50.000	49.002	2.0	98	0.00
43	T	Isopropyl Acetate	50.000	46.888	6.2	90	0.00
44	TM	Trichloroethene	50.000	50.470	-0.9	101	0.00
45	C	1,2-Dichloropropane	50.000	52.877	-5.8#	105	0.00
46	T	Dibromomethane	50.000	49.764	0.5	99	0.00
47	T	Bromodichloromethane	50.000	50.505	-1.0	101	0.00
48	T	Methyl methacrylate	50.000	49.124	1.8	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	939.504	6.0	86	0.00
50	S	Toluene-d8	50.000	52.353	-4.7	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	239.144	4.3	87	0.00
52	CM	Toluene	50.000	51.668	-3.3#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	50.377	-0.8	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.106	-2.2	101	0.00
55	T	1,1,2-Trichloroethane	50.000	50.245	-0.5	98	0.00
56	T	Ethyl methacrylate	50.000	51.387	-2.8	94	0.00
57	T	1,3-Dichloropropane	50.000	49.868	0.3	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	237.471	5.0	91	0.00
59	T	2-Hexanone	250.000	243.036	2.8	86	0.00
60	T	Dibromochloromethane	50.000	51.273	-2.5	100	0.00
61	T	1,2-Dibromoethane	50.000	48.741	2.5	97	0.00
62	S	4-Bromofluorobenzene	50.000	51.371	-2.7	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	48.096	3.8	97	0.00
65	PM	Chlorobenzene	50.000	51.257	-2.5	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.566	-1.1	101	0.00
67	C	Ethyl Benzene	50.000	52.844	-5.7#	103	0.00
68	T	m/p-Xylenes	100.000	105.779	-5.8	100	0.00
69	T	o-Xylene	50.000	53.691	-7.4	102	0.00
70	T	Styrene	50.000	53.898	-7.8	100	0.00
71	P	Bromoform	50.000	49.555	0.9	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	55.599	-11.2	101	0.00
74	T	N-amyl acetate	50.000	52.492	-5.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.995	0.0	93	0.00
76	T	1,2,3-Trichloropropane	50.000	53.185	-6.4	99	0.00
77	T	Bromobenzene	50.000	52.173	-4.3	99	0.00
78	T	n-propylbenzene	50.000	55.746	-11.5	100	0.00
79	T	2-Chlorotoluene	50.000	54.406	-8.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.654	-13.3	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.284	-2.6	92	0.00
82	T	4-Chlorotoluene	50.000	54.567	-9.1	101	0.00
83	T	tert-Butylbenzene	50.000	55.239	-10.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.220	-10.4	100	0.00
85	T	sec-Butylbenzene	50.000	56.028	-12.1	100	0.00
86	T	p-Isopropyltoluene	50.000	55.588	-11.2	99	0.00
87	T	1,3-Dichlorobenzene	50.000	52.801	-5.6	99	0.00
88	T	1,4-Dichlorobenzene	50.000	50.830	-1.7	96	0.00
89	T	n-Butylbenzene	50.000	56.340	-12.7	101	0.00
90	T	Hexachloroethane	50.000	51.964	-3.9	99	0.00
91	T	1,2-Dichlorobenzene	50.000	51.943	-3.9	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.206	9.6	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.688	-1.4	95	0.00
94	T	Hexachlorobutadiene	50.000	51.178	-2.4	102	0.00
95	T	Naphthalene	50.000	48.964	2.1	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.566	0.9	94	0.00

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