Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
Data File : VY021196.D
Acq On : 13 Feb 2025 17:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 14 00:46:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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	63	0.00
2	T	Dichlorodifluoromethane	50.000	51.325	-2.7	65	0.00
3	P	Chloromethane	50.000	50.646	-1.3	67	0.00
4	C	Vinyl Chloride	50.000	51.998	-4.0#	68	0.00
5	T	Bromomethane	50.000	48.904	2.2	66	0.00
6	T	Chloroethane	50.000	53.341	-6.7	70	0.00
7	T	Trichlorofluoromethane	50.000	52.887	-5.8	68	0.00
8	T	Diethyl Ether	50.000	52.026	-4.1	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.747	-7.5	69	0.00
10	T	Methyl Iodide	50.000	50.902	-1.8	62	0.00
11	T	Tert butyl alcohol	250.000	269.880	-8.0	74	-0.02
12	CM	1,1-Dichloroethene	50.000	51.969	-3.9#	67	0.00
13	T	Acrolein	250.000	150.355	39.9#	39	0.00
14	T	Allyl chloride	50.000	53.051	-6.1	67	0.00
15	T	Acrylonitrile	250.000	285.641	-14.3	71	0.00
16	T	Acetone	250.000	284.417	-13.8	74	0.00
17	T	Carbon Disulfide	50.000	49.257	1.5	63	0.00
18	T	Methyl Acetate	50.000	59.903	-19.8	74	-0.01
19	T	Methyl tert-butyl Ether	50.000	55.478	-11.0	69	0.00
20	T	Methylene Chloride	50.000	52.714	-5.4	68	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.813	-3.6	66	0.00
22	T	Diisopropyl ether	50.000	56.477	-13.0	71	0.00
23	T	Vinyl Acetate	250.000	286.063	-14.4	70	0.00
24	P	1,1-Dichloroethane	50.000	54.405	-8.8	70	0.00
25	T	2-Butanone	250.000	292.890	-17.2	72	-0.01
26	T	2,2-Dichloropropane	50.000	53.822	-7.6	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.936	-5.9	67	0.00
28	T	Bromochloromethane	50.000	57.373	-14.7	67	0.00
29	T	Tetrahydrofuran	250.000	295.710	-18.3	72	0.00
30	C	Chloroform	50.000	54.596	-9.2#	70	0.00
31	T	Cyclohexane	50.000	50.589	-1.2	67	0.00
32	T	1,1,1-Trichloroethane	50.000	54.539	-9.1	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.813	-7.6	69	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35	S	Dibromofluoromethane	50.000	52.631	-5.3	66	0.00
36	T	1,1-Dichloropropene	50.000	54.044	-8.1	68	0.00
37	T	Ethyl Acetate	50.000	59.065	-18.1	72	0.00
38	T	Carbon Tetrachloride	50.000	54.973	-9.9	69	0.00
39	T	Methylcyclohexane	50.000	54.051	-8.1	66	0.00
40	TM	Benzene	50.000	55.187	-10.4	69	0.00
41	T	Methacrylonitrile	50.000	59.031	-18.1	79	0.00
42	TM	1,2-Dichloroethane	50.000	56.752	-13.5	71	0.00
43	T	Isopropyl Acetate	50.000	58.787	-17.6	71	0.00
44	TM	Trichloroethene	50.000	52.122	-4.2	66	0.00
45	C	1,2-Dichloropropane	50.000	56.100	-12.2#	70	0.00
46	T	Dibromomethane	50.000	55.225	-10.5	69	0.00
47	T	Bromodichloromethane	50.000	57.030	-14.1	72	0.00
48	T	Methyl methacrylate	50.000	62.547	-25.1#	76	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	1241.127	-24.1	74	0.00
50	S	Toluene-d8	50.000	52.732	-5.5	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	307.323	-22.9	73	0.00
52	CM	Toluene	50.000	55.479	-11.0#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	58.664	-17.3	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.560	-13.1	69	0.00
55	T	1,1,2-Trichloroethane	50.000	56.490	-13.0	70	0.00
56	T	Ethyl methacrylate	50.000	59.069	-18.1	68	0.00
57	T	1,3-Dichloropropane	50.000	57.629	-15.3	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.932	-1.2	60	0.00
59	T	2-Hexanone	250.000	313.003	-25.2#	72	0.00
60	T	Dibromochloromethane	50.000	56.898	-13.8	71	0.00
61	T	1,2-Dibromoethane	50.000	55.651	-11.3	68	0.00
62	S	4-Bromofluorobenzene	50.000	55.948	-11.9	68	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	64	0.00
64	T	Tetrachloroethene	50.000	51.950	-3.9	68	0.00
65	PM	Chlorobenzene	50.000	52.459	-4.9	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.074	-6.1	70	0.00
67	C	Ethyl Benzene	50.000	53.840	-7.7#	69	0.00
68	T	m/p-Xylenes	100.000	107.596	-7.6	69	0.00
69	T	o-Xylene	50.000	53.964	-7.9	69	0.00
70	T	Styrene	50.000	55.429	-10.9	70	0.00
71	P	Bromoform	50.000	57.249	-14.5	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73	T	Isopropylbenzene	50.000	49.779	0.4	70	0.00
74	T	N-amyl acetate	50.000	54.351	-8.7	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.297	-0.6	71	0.00
76	T	1,2,3-Trichloropropane	50.000	46.317	7.4	63	0.00
77	T	Bromobenzene	50.000	49.334	1.3	71	0.00
78	T	n-propylbenzene	50.000	50.826	-1.7	71	0.00
79	T	2-Chlorotoluene	50.000	49.279	1.4	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.635	-1.3	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.759	0.5	68	0.00
82	T	4-Chlorotoluene	50.000	50.695	-1.4	73	0.00
83	T	tert-Butylbenzene	50.000	50.395	-0.8	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.312	-2.6	72	0.00
85	T	sec-Butylbenzene	50.000	51.135	-2.3	72	0.00
86	T	p-Isopropyltoluene	50.000	51.663	-3.3	72	0.00
87	T	1,3-Dichlorobenzene	50.000	50.289	-0.6	72	0.00
88	T	1,4-Dichlorobenzene	50.000	49.574	0.9	70	0.00
89	T	n-Butylbenzene	50.000	52.903	-5.8	73	0.00
90	T	Hexachloroethane	50.000	50.097	-0.2	71	0.00
91	T	1,2-Dichlorobenzene	50.000	50.316	-0.6	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.798	-5.6	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.374	-4.7	69	0.00
94	T	Hexachlorobutadiene	50.000	51.297	-2.6	71	0.00
95	T	Naphthalene	50.000	53.931	-7.9	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.550	-5.1	69	0.00

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