Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
Data File : VY020560.D
Acq On : 10 Dec 2024 10:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 00:44:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
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	113	-0.01
2	T	Dichlorodifluoromethane	50.000	46.215	7.6	97	0.00
3	P	Chloromethane	50.000	47.791	4.4	102	-0.01
4	C	Vinyl Chloride	50.000	49.098	1.8#	104	-0.01
5	T	Bromomethane	50.000	51.199	-2.4	112	-0.02
6	T	Chloroethane	50.000	50.696	-1.4	112	-0.01
7	T	Trichlorofluoromethane	50.000	46.845	6.3	103	-0.02
8	T	Diethyl Ether	50.000	53.441	-6.9	122	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.868	4.3	108	-0.01
10	T	Methyl Iodide	50.000	53.246	-6.5	112	-0.02
11	T	Tert butyl alcohol	250.000	327.887	-31.2#	147	-0.02
12	CM	1,1-Dichloroethene	50.000	49.832	0.3#	110	-0.02
13	T	Acrolein	250.000	158.696	36.5#	80	-0.01
14	T	Allyl chloride	50.000	50.661	-1.3	113	-0.02
15	T	Acrylonitrile	250.000	283.582	-13.4	124	-0.02
16	T	Acetone	250.000	312.716	-25.1#	123	-0.02
17	T	Carbon Disulfide	50.000	50.427	-0.9	102	-0.02
18	T	Methyl Acetate	50.000	58.391	-16.8	128	-0.02
19	T	Methyl tert-butyl Ether	50.000	54.425	-8.8	121	-0.02
20	T	Methylene Chloride	50.000	53.106	-6.2	121	-0.02
21	T	trans-1,2-Dichloroethene	50.000	50.500	-1.0	114	-0.02
22	T	Diisopropyl ether	50.000	52.077	-4.2	117	-0.01
23	T	Vinyl Acetate	250.000	274.804	-9.9	118	-0.02
24	P	1,1-Dichloroethane	50.000	50.540	-1.1	116	-0.02
25	T	2-Butanone	250.000	296.131	-18.5	120	-0.02
26	T	2,2-Dichloropropane	50.000	48.926	2.1	113	-0.02
27	T	cis-1,2-Dichloroethene	50.000	52.447	-4.9	119	-0.01
28	T	Bromochloromethane	50.000	52.693	-5.4	111	-0.01
29	T	Tetrahydrofuran	250.000	284.366	-13.7	120	-0.02
30	C	Chloroform	50.000	50.466	-0.9#	117	-0.01
31	T	Cyclohexane	50.000	44.200	11.6	101	-0.01
32	T	1,1,1-Trichloroethane	50.000	47.985	4.0	110	-0.02
33	S	1,2-Dichloroethane-d4	50.000	56.009	-12.0	116	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35	S	Dibromofluoromethane	50.000	55.745	-11.5	119	-0.02
36	T	1,1-Dichloropropene	50.000	46.591	6.8	106	-0.01
37	T	Ethyl Acetate	50.000	56.358	-12.7	127	-0.02
38	T	Carbon Tetrachloride	50.000	46.382	7.2	107	-0.01
39	T	Methylcyclohexane	50.000	45.610	8.8	102	-0.01
40	TM	Benzene	50.000	49.032	1.9	114	-0.01
41	T	Methacrylonitrile	50.000	54.473	-8.9	115	-0.01
42	TM	1,2-Dichloroethane	50.000	51.259	-2.5	116	-0.01
43	T	Isopropyl Acetate	50.000	54.250	-8.5	120	-0.01
44	TM	Trichloroethene	50.000	48.999	2.0	115	0.00
45	C	1,2-Dichloropropane	50.000	49.616	0.8#	119	0.00
46	T	Dibromomethane	50.000	53.043	-6.1	123	0.00
47	T	Bromodichloromethane	50.000	50.369	-0.7	119	-0.01
48	T	Methyl methacrylate	50.000	55.294	-10.6	122	-0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1260.209	-26.0#	136	-0.02
50	S	Toluene-d8	50.000	53.688	-7.4	115	-0.01
51	T	4-Methyl-2-Pentanone	250.000	281.217	-12.5	123	-0.01
52	CM	Toluene	50.000	49.200	1.6#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	52.499	-5.0	120	-0.01
54	T	cis-1,3-Dichloropropene	50.000	51.944	-3.9	119	-0.01
55	T	1,1,2-Trichloroethane	50.000	52.773	-5.5	122	0.00
56	T	Ethyl methacrylate	50.000	56.266	-12.5	123	0.00
57	T	1,3-Dichloropropane	50.000	52.190	-4.4	120	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	298.396	-19.4	113	-0.01
59	T	2-Hexanone	250.000	284.373	-13.7	118	-0.01
60	T	Dibromochloromethane	50.000	53.001	-6.0	121	-0.01
61	T	1,2-Dibromoethane	50.000	53.031	-6.1	122	-0.01
62	S	4-Bromofluorobenzene	50.000	54.879	-9.8	120	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	121	-0.01
64	T	Tetrachloroethene	50.000	45.220	9.6	110	0.00
65	PM	Chlorobenzene	50.000	47.899	4.2	118	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	48.452	3.1	120	-0.01
67	C	Ethyl Benzene	50.000	46.819	6.4#	114	0.00
68	T	m/p-Xylenes	100.000	94.993	5.0	117	0.00
69	T	o-Xylene	50.000	47.994	4.0	116	-0.01
70	T	Styrene	50.000	48.795	2.4	118	0.00
71	P	Bromoform	50.000	52.434	-4.9	125	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	122	0.00
73	T	Isopropylbenzene	50.000	44.436	11.1	115	0.00
74	T	N-amyl acetate	50.000	52.004	-4.0	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.846	0.3	124	0.00
76	T	1,2,3-Trichloropropane	50.000	49.076	1.8	145	0.00
77	T	Bromobenzene	50.000	46.869	6.3	119	-0.01
78	T	n-propylbenzene	50.000	44.446	11.1	114	0.00
79	T	2-Chlorotoluene	50.000	45.435	9.1	118	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.063	9.9	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.901	-1.8	123	0.00
82	T	4-Chlorotoluene	50.000	45.919	8.2	118	0.00
83	T	tert-Butylbenzene	50.000	45.432	9.1	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.718	8.6	117	0.00
85	T	sec-Butylbenzene	50.000	44.637	10.7	115	0.00
86	T	p-Isopropyltoluene	50.000	45.273	9.5	116	0.00
87	T	1,3-Dichlorobenzene	50.000	47.459	5.1	121	-0.01
88	T	1,4-Dichlorobenzene	50.000	47.650	4.7	122	-0.01
89	T	n-Butylbenzene	50.000	45.633	8.7	116	-0.01
90	T	Hexachloroethane	50.000	46.481	7.0	121	0.00
91	T	1,2-Dichlorobenzene	50.000	48.184	3.6	122	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.929	-1.9	121	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.102	-0.2	123	-0.01
94	T	Hexachlorobutadiene	50.000	48.076	3.8	117	0.00
95	T	Naphthalene	50.000	54.213	-8.4	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.368	-2.7	123	-0.01

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