Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123124\
Data File : VY020759.D
Acq On : 31 Dec 2024 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 01 00:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 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	176	-0.01
2	T	Dichlorodifluoromethane	50.000	45.157	9.7	155	0.00
3	P	Chloromethane	50.000	63.451	-26.9#	210	0.00
4	C	Vinyl Chloride	50.000	56.426	-12.9#	188	0.00
5	T	Bromomethane	50.000	52.734	-5.5	181	0.00
6	T	Chloroethane	50.000	57.573	-15.1	197	-0.01
7	T	Trichlorofluoromethane	50.000	43.186	13.6	149	-0.01
8	T	Diethyl Ether	50.000	56.179	-12.4	185	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.755	-3.5	179	-0.01
10	T	Methyl Iodide	50.000	52.665	-5.3	172	-0.01
11	T	Tert butyl alcohol	250.000	288.549	-15.4	184	-0.01
12	CM	1,1-Dichloroethene	50.000	53.562	-7.1#	183	-0.02
13	T	Acrolein	250.000	184.305	26.3#	175	-0.02
14	T	Allyl chloride	50.000	62.806	-25.6#	214	-0.02
15	T	Acrylonitrile	250.000	294.082	-17.6	188	-0.01
16	T	Acetone	250.000	261.499	-4.6	176	-0.01
17	T	Carbon Disulfide	50.000	56.216	-12.4	183	-0.02
18	T	Methyl Acetate	50.000	62.497	-25.0	195	-0.01
19	T	Methyl tert-butyl Ether	50.000	50.327	-0.7	167	-0.01
20	T	Methylene Chloride	50.000	56.508	-13.0	196	-0.01
21	T	trans-1,2-Dichloroethene	50.000	54.502	-9.0	181	-0.02
22	T	Diisopropyl ether	50.000	64.292	-28.6#	215	-0.01
23	T	Vinyl Acetate	250.000	301.357	-20.5	192	-0.01
24	P	1,1-Dichloroethane	50.000	57.233	-14.5	199	-0.01
25	T	2-Butanone	250.000	309.987	-24.0	193	-0.01
26	T	2,2-Dichloropropane	50.000	49.784	0.4	175	-0.01
27	T	cis-1,2-Dichloroethene	50.000	55.662	-11.3	187	-0.01
28	T	Bromochloromethane	50.000	78.374	-56.7#	232	-0.01
29	T	Tetrahydrofuran	250.000	323.598	-29.4#	202	0.00
30	C	Chloroform	50.000	51.041	-2.1#	179	0.00
31	T	Cyclohexane	50.000	52.838	-5.7	192	-0.01
32	T	1,1,1-Trichloroethane	50.000	46.951	6.1	162	-0.01
33	S	1,2-Dichloroethane-d4	50.000	53.193	-6.4	149	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	185	-0.01
35	S	Dibromofluoromethane	50.000	54.222	-8.4	173	0.00
36	T	1,1-Dichloropropene	50.000	51.444	-2.9	185	-0.01
37	T	Ethyl Acetate	50.000	55.307	-10.6	184	0.00
38	T	Carbon Tetrachloride	50.000	42.599	14.8	154	-0.01
39	T	Methylcyclohexane	50.000	50.204	-0.4	179	-0.01
40	TM	Benzene	50.000	52.476	-5.0	188	0.00
41	T	Methacrylonitrile	50.000	52.838	-5.7	212	0.00
42	TM	1,2-Dichloroethane	50.000	45.039	9.9	155	-0.01
43	T	Isopropyl Acetate	50.000	54.018	-8.0	177	0.00
44	TM	Trichloroethene	50.000	48.795	2.4	176	-0.01
45	C	1,2-Dichloropropane	50.000	56.749	-13.5#	199	0.00
46	T	Dibromomethane	50.000	49.230	1.5	169	0.00
47	T	Bromodichloromethane	50.000	47.633	4.7	171	0.00
48	T	Methyl methacrylate	50.000	53.264	-6.5	180	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	1135.853	-13.6	176	-0.02
50	S	Toluene-d8	50.000	52.226	-4.5	173	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.481	-11.4	182	0.00
52	CM	Toluene	50.000	50.732	-1.5#	182	0.00
53	T	t-1,3-Dichloropropene	50.000	50.103	-0.2	169	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.762	-3.5	180	0.00
55	T	1,1,2-Trichloroethane	50.000	51.878	-3.8	182	0.00
56	T	Ethyl methacrylate	50.000	51.942	-3.9	172	0.00
57	T	1,3-Dichloropropane	50.000	53.821	-7.6	183	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	339.192	-35.7#	214	0.00
59	T	2-Hexanone	250.000	274.628	-9.9	172	0.00
60	T	Dibromochloromethane	50.000	46.551	6.9	166	0.00
61	T	1,2-Dibromoethane	50.000	50.450	-0.9	174	0.00
62	S	4-Bromofluorobenzene	50.000	52.593	-5.2	167	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	182	0.00
64	T	Tetrachloroethene	50.000	47.781	4.4	169	0.00
65	PM	Chlorobenzene	50.000	49.187	1.6	175	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.779	6.4	166	0.00
67	C	Ethyl Benzene	50.000	50.076	-0.2#	175	0.00
68	T	m/p-Xylenes	100.000	99.514	0.5	175	0.00
69	T	o-Xylene	50.000	49.212	1.6	172	0.00
70	T	Styrene	50.000	49.944	0.1	175	0.00
71	P	Bromoform	50.000	46.238	7.5	152	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	169	0.00
73	T	Isopropylbenzene	50.000	50.719	-1.4	171	0.00
74	T	N-amyl acetate	50.000	59.088	-18.2	180	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.801	-9.6	173	0.00
76	T	1,2,3-Trichloropropane	50.000	53.900	-7.8	193	0.00
77	T	Bromobenzene	50.000	50.891	-1.8	168	0.00
78	T	n-propylbenzene	50.000	51.891	-3.8	175	0.00
79	T	2-Chlorotoluene	50.000	51.733	-3.5	171	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.959	0.1	165	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.915	-13.8	176	0.00
82	T	4-Chlorotoluene	50.000	51.998	-4.0	172	0.00
83	T	tert-Butylbenzene	50.000	49.279	1.4	165	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.877	-1.8	167	0.00
85	T	sec-Butylbenzene	50.000	51.388	-2.8	172	0.00
86	T	p-Isopropyltoluene	50.000	49.513	1.0	165	0.00
87	T	1,3-Dichlorobenzene	50.000	49.939	0.1	167	0.00
88	T	1,4-Dichlorobenzene	50.000	48.670	2.7	162	0.00
89	T	n-Butylbenzene	50.000	52.490	-5.0	174	0.00
90	T	Hexachloroethane	50.000	50.285	-0.6	170	0.00
91	T	1,2-Dichlorobenzene	50.000	50.588	-1.2	162	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.047	5.9	140	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.051	1.9	156	0.00
94	T	Hexachlorobutadiene	50.000	48.037	3.9	161	0.00
95	T	Naphthalene	50.000	48.900	2.2	147	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.967	2.1	151	0.00

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