Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
Data File : VY020766.D
Acq On : 03 Jan 2025 10:16
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: Jan 03 22:01:53 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	171	-0.01
2	T	Dichlorodifluoromethane	50.000	43.209	13.6	144	0.00
3	P	Chloromethane	50.000	58.220	-16.4	187	0.00
4	C	Vinyl Chloride	50.000	56.947	-13.9#	185	0.00
5	T	Bromomethane	50.000	51.567	-3.1	172	0.00
6	T	Chloroethane	50.000	57.164	-14.3	190	-0.01
7	T	Trichlorofluoromethane	50.000	43.290	13.4	145	-0.01
8	T	Diethyl Ether	50.000	62.162	-24.3	199	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.124	-4.2	176	-0.01
10	T	Methyl Iodide	50.000	55.359	-10.7	176	-0.01
11	T	Tert butyl alcohol	250.000	325.629	-30.3#	200	0.00
12	CM	1,1-Dichloroethene	50.000	55.209	-10.4#	184	-0.02
13	T	Acrolein	250.000	269.718	-7.9	249	-0.01
14	T	Allyl chloride	50.000	66.996	-34.0#	222	-0.02
15	T	Acrylonitrile	250.000	346.309	-38.5#	215	-0.01
16	T	Acetone	250.000	289.563	-15.8	190	0.00
17	T	Carbon Disulfide	50.000	57.106	-14.2	181	-0.01
18	T	Methyl Acetate	50.000	77.902	-55.8#	236	0.00
19	T	Methyl tert-butyl Ether	50.000	56.354	-12.7	181	-0.01
20	T	Methylene Chloride	50.000	58.805	-17.6	199	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.216	-12.4	182	-0.02
22	T	Diisopropyl ether	50.000	70.004	-40.0#	228	-0.01
23	T	Vinyl Acetate	250.000	344.664	-37.9#	214	0.00
24	P	1,1-Dichloroethane	50.000	59.475	-19.0	201	-0.01
25	T	2-Butanone	250.000	369.728	-47.9#	224	0.00
26	T	2,2-Dichloropropane	50.000	48.394	3.2	165	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.644	-15.3	189	-0.01
28	T	Bromochloromethane	50.000	75.985	-52.0#	218	0.00
29	T	Tetrahydrofuran	250.000	393.631	-57.5#	238	0.00
30	C	Chloroform	50.000	52.129	-4.3#	178	0.00
31	T	Cyclohexane	50.000	54.703	-9.4	193	-0.01
32	T	1,1,1-Trichloroethane	50.000	46.483	7.0	156	-0.01
33	S	1,2-Dichloroethane-d4	50.000	52.854	-5.7	144	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	177	0.00
35	S	Dibromofluoromethane	50.000	53.399	-6.8	163	0.00
36	T	1,1-Dichloropropene	50.000	52.550	-5.1	181	-0.01
37	T	Ethyl Acetate	50.000	70.352	-40.7#	224	0.00
38	T	Carbon Tetrachloride	50.000	43.312	13.4	150	0.00
39	T	Methylcyclohexane	50.000	51.103	-2.2	174	0.00
40	TM	Benzene	50.000	55.712	-11.4	191	0.00
41	T	Methacrylonitrile	50.000	78.231	-56.5#	300	0.00
42	TM	1,2-Dichloroethane	50.000	48.299	3.4	159	0.00
43	T	Isopropyl Acetate	50.000	66.702	-33.4#	209	0.00
44	TM	Trichloroethene	50.000	50.632	-1.3	174	0.00
45	C	1,2-Dichloropropane	50.000	61.609	-23.2#	207	0.00
46	T	Dibromomethane	50.000	54.971	-9.9	180	0.00
47	T	Bromodichloromethane	50.000	50.788	-1.6	174	0.00
48	T	Methyl methacrylate	50.000	65.360	-30.7#	211	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1362.949	-36.3#	202	0.00
50	S	Toluene-d8	50.000	51.499	-3.0	163	0.00
51	T	4-Methyl-2-Pentanone	250.000	349.894	-40.0#	218	0.00
52	CM	Toluene	50.000	53.739	-7.5#	184	0.00
53	T	t-1,3-Dichloropropene	50.000	54.254	-8.5	175	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.099	-12.2	186	0.00
55	T	1,1,2-Trichloroethane	50.000	57.537	-15.1	193	0.00
56	T	Ethyl methacrylate	50.000	62.546	-25.1#	197	0.00
57	T	1,3-Dichloropropane	50.000	60.089	-20.2	195	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	395.529	-58.2#	238	0.00
59	T	2-Hexanone	250.000	355.066	-42.0#	213	0.00
60	T	Dibromochloromethane	50.000	51.320	-2.6	175	0.00
61	T	1,2-Dibromoethane	50.000	57.902	-15.8	191	0.00
62	S	4-Bromofluorobenzene	50.000	52.894	-5.8	161	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	178	0.00
64	T	Tetrachloroethene	50.000	48.128	3.7	167	0.00
65	PM	Chlorobenzene	50.000	51.405	-2.8	179	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.162	1.7	170	0.00
67	C	Ethyl Benzene	50.000	50.952	-1.9#	175	0.00
68	T	m/p-Xylenes	100.000	102.041	-2.0	176	0.00
69	T	o-Xylene	50.000	50.866	-1.7	174	0.00
70	T	Styrene	50.000	51.042	-2.1	175	0.00
71	P	Bromoform	50.000	52.492	-5.0	169	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	173	0.00
73	T	Isopropylbenzene	50.000	49.404	1.2	170	0.00
74	T	N-amyl acetate	50.000	68.679	-37.4#	214	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	64.354	-28.7#	208	0.00
76	T	1,2,3-Trichloropropane	50.000	62.870	-25.7#	230	0.00
77	T	Bromobenzene	50.000	51.248	-2.5	173	0.00
78	T	n-propylbenzene	50.000	50.972	-1.9	176	0.00
79	T	2-Chlorotoluene	50.000	50.971	-1.9	173	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.559	2.9	164	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	61.528	-23.1	195	0.00
82	T	4-Chlorotoluene	50.000	51.474	-2.9	174	0.00
83	T	tert-Butylbenzene	50.000	48.708	2.6	166	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.323	1.4	166	0.00
85	T	sec-Butylbenzene	50.000	49.524	1.0	169	0.00
86	T	p-Isopropyltoluene	50.000	48.214	3.6	164	0.00
87	T	1,3-Dichlorobenzene	50.000	50.256	-0.5	172	0.00
88	T	1,4-Dichlorobenzene	50.000	50.188	-0.4	171	0.00
89	T	n-Butylbenzene	50.000	51.047	-2.1	173	0.00
90	T	Hexachloroethane	50.000	49.121	1.8	170	0.00
91	T	1,2-Dichlorobenzene	50.000	51.820	-3.6	170	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.275	-12.5	171	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.616	-3.2	168	0.00
94	T	Hexachlorobutadiene	50.000	46.505	7.0	160	0.00
95	T	Naphthalene	50.000	57.393	-14.8	177	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.638	-5.3	166	0.00

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