Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
Data File : VY023312.D
Acq On : 09 Sep 2025 08:48
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: Sep 10 01:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 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	107	0.00
2	T	Dichlorodifluoromethane	50.000	46.247	7.5	109	0.00
3	P	Chloromethane	50.000	46.670	6.7	107	0.00
4	C	Vinyl Chloride	50.000	46.931	6.1#	105	0.01
5	T	Bromomethane	50.000	45.417	9.2	108	0.01
6	T	Chloroethane	50.000	46.578	6.8	104	0.01
7	T	Trichlorofluoromethane	50.000	46.521	7.0	105	0.01
8	T	Diethyl Ether	50.000	49.505	1.0	107	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.579	4.8	106	0.02
10	T	Methyl Iodide	50.000	50.408	-0.8	102	0.02
11	T	Tert butyl alcohol	250.000	244.128	2.3	109	0.00
12	CM	1,1-Dichloroethene	50.000	48.938	2.1#	108	0.01
13	T	Acrolein	250.000	216.545	13.4	99	0.01
14	T	Allyl chloride	50.000	50.285	-0.6	108	0.01
15	T	Acrylonitrile	250.000	238.900	4.4	104	0.01
16	T	Acetone	250.000	282.874	-13.1	121	0.01
17	T	Carbon Disulfide	50.000	47.947	4.1	106	0.01
18	T	Methyl Acetate	50.000	47.469	5.1	107	0.01
19	T	Methyl tert-butyl Ether	50.000	50.210	-0.4	107	0.01
20	T	Methylene Chloride	50.000	47.114	5.8	107	0.02
21	T	trans-1,2-Dichloroethene	50.000	49.193	1.6	107	0.02
22	T	Diisopropyl ether	50.000	50.029	-0.1	105	0.00
23	T	Vinyl Acetate	250.000	252.312	-0.9	105	0.01
24	P	1,1-Dichloroethane	50.000	48.435	3.1	107	0.01
25	T	2-Butanone	250.000	263.556	-5.4	114	0.01
26	T	2,2-Dichloropropane	50.000	50.222	-0.4	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.814	0.4	108	0.00
28	T	Bromochloromethane	50.000	46.123	7.8	103	0.00
29	T	Tetrahydrofuran	250.000	245.751	1.7	105	0.00
30	C	Chloroform	50.000	48.333	3.3#	107	0.00
31	T	Cyclohexane	50.000	47.636	4.7	108	0.01
32	T	1,1,1-Trichloroethane	50.000	48.417	3.2	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.385	7.2	102	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.01
35	S	Dibromofluoromethane	50.000	48.528	2.9	103	0.01
36	T	1,1-Dichloropropene	50.000	49.397	1.2	105	0.01
37	T	Ethyl Acetate	50.000	49.069	1.9	106	0.00
38	T	Carbon Tetrachloride	50.000	49.114	1.8	106	0.00
39	T	Methylcyclohexane	50.000	52.257	-4.5	108	0.00
40	TM	Benzene	50.000	49.734	0.5	106	0.01
41	T	Methacrylonitrile	50.000	50.461	-0.9	108	0.00
42	TM	1,2-Dichloroethane	50.000	48.483	3.0	105	0.01
43	T	Isopropyl Acetate	50.000	49.555	0.9	104	0.00
44	TM	Trichloroethene	50.000	49.078	1.8	105	0.01
45	C	1,2-Dichloropropane	50.000	49.251	1.5#	106	0.00
46	T	Dibromomethane	50.000	48.648	2.7	104	0.00
47	T	Bromodichloromethane	50.000	49.032	1.9	105	0.00
48	T	Methyl methacrylate	50.000	51.634	-3.3	104	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	985.160	1.5	105	0.00
50	S	Toluene-d8	50.000	49.426	1.1	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.278	-2.1	105	0.00
52	CM	Toluene	50.000	51.547	-3.1#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.233	-2.5	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.883	-1.8	107	0.00
55	T	1,1,2-Trichloroethane	50.000	49.509	1.0	106	0.00
56	T	Ethyl methacrylate	50.000	52.679	-5.4	105	0.00
57	T	1,3-Dichloropropane	50.000	49.584	0.8	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.516	-6.2	102	0.00
59	T	2-Hexanone	250.000	271.035	-8.4	111	0.00
60	T	Dibromochloromethane	50.000	49.880	0.2	105	0.00
61	T	1,2-Dibromoethane	50.000	49.439	1.1	105	0.01
62	S	4-Bromofluorobenzene	50.000	50.710	-1.4	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.01
64	T	Tetrachloroethene	50.000	47.979	4.0	99	0.01
65	PM	Chlorobenzene	50.000	50.398	-0.8	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.365	1.3	104	0.00
67	C	Ethyl Benzene	50.000	52.410	-4.8#	106	0.00
68	T	m/p-Xylenes	100.000	105.274	-5.3	106	0.00
69	T	o-Xylene	50.000	53.190	-6.4	106	0.00
70	T	Styrene	50.000	53.185	-6.4	104	0.00
71	P	Bromoform	50.000	50.061	-0.1	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	52.812	-5.6	107	0.00
74	T	N-amyl acetate	50.000	51.721	-3.4	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.808	0.4	108	0.00
76	T	1,2,3-Trichloropropane	50.000	50.821	-1.6	107	0.00
77	T	Bromobenzene	50.000	50.092	-0.2	105	0.01
78	T	n-propylbenzene	50.000	52.727	-5.5	106	0.00
79	T	2-Chlorotoluene	50.000	51.423	-2.8	106	0.01
80	T	1,3,5-Trimethylbenzene	50.000	52.578	-5.2	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.891	0.2	107	0.00
82	T	4-Chlorotoluene	50.000	51.069	-2.1	106	0.01
83	T	tert-Butylbenzene	50.000	52.623	-5.2	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.504	-7.0	107	0.00
85	T	sec-Butylbenzene	50.000	52.974	-5.9	107	0.00
86	T	p-Isopropyltoluene	50.000	53.333	-6.7	106	0.00
87	T	1,3-Dichlorobenzene	50.000	50.591	-1.2	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.546	0.9	105	0.00
89	T	n-Butylbenzene	50.000	53.622	-7.2	106	0.00
90	T	Hexachloroethane	50.000	49.405	1.2	106	0.01
91	T	1,2-Dichlorobenzene	50.000	50.593	-1.2	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.300	5.4	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.149	-4.3	107	0.00
94	T	Hexachlorobutadiene	50.000	50.957	-1.9	107	0.00
95	T	Naphthalene	50.000	53.378	-6.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.213	-2.4	105	0.00

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