Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
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: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	44.752	10.5	96	0.00
3	P	Chloromethane	50.000	49.049	1.9	98	0.00
4	C	Vinyl Chloride	50.000	52.271	-4.5#	102	0.00
5	T	Bromomethane	50.000	53.558	-7.1	111	0.00
6	T	Chloroethane	50.000	53.594	-7.2	104	0.00
7	T	Trichlorofluoromethane	50.000	51.171	-2.3	100	0.00
8	T	Diethyl Ether	50.000	48.134	3.7	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.376	-4.8	102	0.00
10	T	Methyl Iodide	50.000	56.306	-12.6	99	0.01
11	T	Tert butyl alcohol	250.000	213.827	14.5	81	0.00
12	CM	1,1-Dichloroethene	50.000	51.758	-3.5#	99	0.00
13	T	Acrolein	250.000	106.054	57.6#	41	0.00
14	T	Allyl chloride	50.000	48.625	2.8	92	0.00
15	T	Acrylonitrile	250.000	243.666	2.5	90	0.00
16	T	Acetone	250.000	279.613	-11.8	102	0.00
17	T	Carbon Disulfide	50.000	49.914	0.2	96	0.01
18	T	Methyl Acetate	50.000	47.585	4.8	83	0.00
19	T	Methyl tert-butyl Ether	50.000	48.982	2.0	91	0.01
20	T	Methylene Chloride	50.000	49.996	0.0	96	0.01
21	T	trans-1,2-Dichloroethene	50.000	52.823	-5.6	100	0.01
22	T	Diisopropyl ether	50.000	50.087	-0.2	94	0.00
23	T	Vinyl Acetate	250.000	249.506	0.2	93	0.00
24	P	1,1-Dichloroethane	50.000	51.381	-2.8	97	0.00
25	T	2-Butanone	250.000	251.618	-0.6	91	0.01
26	T	2,2-Dichloropropane	50.000	53.345	-6.7	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.163	-4.3	99	0.00
28	T	Bromochloromethane	50.000	48.277	3.4	91	0.00
29	T	Tetrahydrofuran	250.000	240.643	3.7	88	0.00
30	C	Chloroform	50.000	52.249	-4.5#	99	0.00
31	T	Cyclohexane	50.000	48.716	2.6	97	0.00
32	T	1,1,1-Trichloroethane	50.000	52.762	-5.5	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.072	7.9	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	50.283	-0.6	90	0.00
36	T	1,1-Dichloropropene	50.000	54.676	-9.4	99	0.00
37	T	Ethyl Acetate	50.000	51.218	-2.4	90	0.00
38	T	Carbon Tetrachloride	50.000	55.813	-11.6	102	0.00
39	T	Methylcyclohexane	50.000	54.623	-9.2	99	0.00
40	TM	Benzene	50.000	54.539	-9.1	99	0.00
41	T	Methacrylonitrile	50.000	52.092	-4.2	90	0.00
42	TM	1,2-Dichloroethane	50.000	52.655	-5.3	95	0.00
43	T	Isopropyl Acetate	50.000	49.946	0.1	89	0.00
44	TM	Trichloroethene	50.000	56.055	-12.1	102	0.00
45	C	1,2-Dichloropropane	50.000	53.114	-6.2#	96	0.00
46	T	Dibromomethane	50.000	54.236	-8.5	97	0.00
47	T	Bromodichloromethane	50.000	54.618	-9.2	97	0.00
48	T	Methyl methacrylate	50.000	51.164	-2.3	87	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	996.184	0.4	88	0.00
50	S	Toluene-d8	50.000	49.757	0.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.697	-2.7	88	0.00
52	CM	Toluene	50.000	56.116	-12.2#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	53.540	-7.1	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.872	-7.7	95	0.00
55	T	1,1,2-Trichloroethane	50.000	54.142	-8.3	97	0.00
56	T	Ethyl methacrylate	50.000	52.434	-4.9	89	0.00
57	T	1,3-Dichloropropane	50.000	52.905	-5.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.784	-1.1	84	0.00
59	T	2-Hexanone	250.000	270.352	-8.1	93	0.00
60	T	Dibromochloromethane	50.000	54.767	-9.5	97	0.00
61	T	1,2-Dibromoethane	50.000	53.748	-7.5	95	0.00
62	S	4-Bromofluorobenzene	50.000	49.355	1.3	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	59.168	-18.3	108	0.00
65	PM	Chlorobenzene	50.000	55.177	-10.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.136	-10.3	99	0.00
67	C	Ethyl Benzene	50.000	55.702	-11.4#	99	0.00
68	T	m/p-Xylenes	100.000	113.946	-13.9	102	0.00
69	T	o-Xylene	50.000	56.325	-12.7	99	0.00
70	T	Styrene	50.000	57.774	-15.5	102	0.00
71	P	Bromoform	50.000	54.068	-8.1	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	54.871	-9.7	102	0.00
74	T	N-amyl acetate	50.000	49.400	1.2	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.632	4.7	90	0.00
76	T	1,2,3-Trichloropropane	50.000	49.495	1.0	82	0.00
77	T	Bromobenzene	50.000	53.090	-6.2	99	0.00
78	T	n-propylbenzene	50.000	55.097	-10.2	101	0.00
79	T	2-Chlorotoluene	50.000	53.745	-7.5	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.500	-11.0	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.794	-1.6	94	0.00
82	T	4-Chlorotoluene	50.000	53.806	-7.6	100	0.01
83	T	tert-Butylbenzene	50.000	55.202	-10.4	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.087	-10.2	101	0.00
85	T	sec-Butylbenzene	50.000	55.832	-11.7	103	0.00
86	T	p-Isopropyltoluene	50.000	56.975	-14.0	104	0.00
87	T	1,3-Dichlorobenzene	50.000	55.055	-10.1	104	0.00
88	T	1,4-Dichlorobenzene	50.000	54.132	-8.3	102	0.00
89	T	n-Butylbenzene	50.000	56.614	-13.2	103	0.00
90	T	Hexachloroethane	50.000	55.353	-10.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	54.191	-8.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.834	2.3	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.202	-4.4	98	0.00
94	T	Hexachlorobutadiene	50.000	52.847	-5.7	100	0.00
95	T	Naphthalene	50.000	51.592	-3.2	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.017	-4.0	99	0.00

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