Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031900.D
Acq On : 23 Jul 2025 09:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 24 02:46:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	49.326	1.3	104	0.00
3	P	Chloromethane	50.000	49.321	1.4	110	0.00
4	C	Vinyl Chloride	50.000	49.224	1.6#	101	0.00
5	T	Bromomethane	50.000	48.356	3.3	103	0.00
6	T	Chloroethane	50.000	48.078	3.8	102	0.00
7	T	Trichlorofluoromethane	50.000	48.530	2.9	91	0.00
8	T	Diethyl Ether	50.000	46.793	6.4	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.486	5.0	99	0.00
10	T	Methyl Iodide	50.000	48.747	2.5	103	0.00
11	T	Tert butyl alcohol	250.000	235.550	5.8	98	0.00
12	CM	1,1-Dichloroethene	50.000	48.310	3.4#	101	0.00
13	T	Acrolein	250.000	238.148	4.7	110	-0.01
14	T	Allyl chloride	50.000	49.701	0.6	104	0.00
15	T	Acrylonitrile	250.000	241.988	3.2	101	0.00
16	T	Acetone	250.000	262.941	-5.2	116	0.00
17	T	Carbon Disulfide	50.000	49.246	1.5	102	0.00
18	T	Methyl Acetate	50.000	49.809	0.4	105	0.00
19	T	Methyl tert-butyl Ether	50.000	50.054	-0.1	103	0.00
20	T	Methylene Chloride	50.000	48.929	2.1	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.512	5.0	99	0.00
22	T	Diisopropyl ether	50.000	49.417	1.2	101	0.00
23	T	Vinyl Acetate	250.000	246.157	1.5	100	0.00
24	P	1,1-Dichloroethane	50.000	48.870	2.3	102	0.00
25	T	2-Butanone	250.000	248.536	0.6	105	0.00
26	T	2,2-Dichloropropane	50.000	48.390	3.2	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.218	3.6	99	0.00
28	T	Bromochloromethane	50.000	47.863	4.3	100	0.00
29	T	Tetrahydrofuran	250.000	245.219	1.9	101	-0.01
30	C	Chloroform	50.000	48.553	2.9#	102	0.00
31	T	Cyclohexane	50.000	46.660	6.7	100	0.00
32	T	1,1,1-Trichloroethane	50.000	49.496	1.0	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.145	9.7	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	46.522	7.0	95	0.00
36	T	1,1-Dichloropropene	50.000	50.184	-0.4	101	0.00
37	T	Ethyl Acetate	50.000	50.176	-0.4	99	0.00
38	T	Carbon Tetrachloride	50.000	50.928	-1.9	101	0.00
39	T	Methylcyclohexane	50.000	49.879	0.2	98	0.00
40	TM	Benzene	50.000	50.118	-0.2	100	0.00
41	T	Methacrylonitrile	50.000	47.504	5.0	92	0.00
42	TM	1,2-Dichloroethane	50.000	51.096	-2.2	103	0.00
43	T	Isopropyl Acetate	50.000	50.703	-1.4	101	0.00
44	TM	Trichloroethene	50.000	48.970	2.1	97	0.00
45	C	1,2-Dichloropropane	50.000	49.889	0.2#	101	0.00
46	T	Dibromomethane	50.000	50.018	-0.0	100	0.00
47	T	Bromodichloromethane	50.000	51.053	-2.1	103	0.00
48	T	Methyl methacrylate	50.000	50.865	-1.7	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	918.404	8.2	79	0.00
50	S	Toluene-d8	50.000	47.047	5.9	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.833	-1.9	100	0.00
52	CM	Toluene	50.000	49.838	0.3#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	51.769	-3.5	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.972	-1.9	100	0.00
55	T	1,1,2-Trichloroethane	50.000	49.126	1.7	98	0.00
56	T	Ethyl methacrylate	50.000	51.840	-3.7	99	0.00
57	T	1,3-Dichloropropane	50.000	50.287	-0.6	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.506	-2.2	100	0.00
59	T	2-Hexanone	250.000	258.903	-3.6	101	0.00
60	T	Dibromochloromethane	50.000	52.395	-4.8	104	0.00
61	T	1,2-Dibromoethane	50.000	49.213	1.6	98	0.00
62	S	4-Bromofluorobenzene	50.000	45.572	8.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	50.312	-0.6	104	0.00
65	PM	Chlorobenzene	50.000	47.936	4.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.316	-2.6	104	0.00
67	C	Ethyl Benzene	50.000	50.360	-0.7#	99	0.00
68	T	m/p-Xylenes	100.000	100.513	-0.5	100	0.00
69	T	o-Xylene	50.000	50.757	-1.5	99	0.00
70	T	Styrene	50.000	50.941	-1.9	99	0.00
71	P	Bromoform	50.000	50.545	-1.1	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	49.959	0.1	98	0.00
74	T	N-amyl acetate	50.000	50.062	-0.1	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.693	2.6	98	0.00
76	T	1,2,3-Trichloropropane	50.000	47.784	4.4	96	0.00
77	T	Bromobenzene	50.000	48.667	2.7	101	0.00
78	T	n-propylbenzene	50.000	48.866	2.3	98	0.00
79	T	2-Chlorotoluene	50.000	49.200	1.6	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.773	0.5	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.058	-2.1	102	0.00
82	T	4-Chlorotoluene	50.000	48.019	4.0	98	0.00
83	T	tert-Butylbenzene	50.000	49.158	1.7	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.671	0.7	99	0.00
85	T	sec-Butylbenzene	50.000	48.967	2.1	99	0.00
86	T	p-Isopropyltoluene	50.000	48.815	2.4	98	0.00
87	T	1,3-Dichlorobenzene	50.000	46.241	7.5	95	0.00
88	T	1,4-Dichlorobenzene	50.000	46.722	6.6	98	0.00
89	T	n-Butylbenzene	50.000	48.665	2.7	96	0.00
90	T	Hexachloroethane	50.000	48.241	3.5	100	0.00
91	T	1,2-Dichlorobenzene	50.000	47.368	5.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.568	4.9	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.716	4.6	101	0.00
94	T	Hexachlorobutadiene	50.000	51.828	-3.7	105	0.00
95	T	Naphthalene	50.000	49.637	0.7	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.745	2.5	99	0.00

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