Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
Data File : VW031939.D
Acq On : 28 Jul 2025 11:03
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 29 01:16:57 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	94	-0.01
2	T	Dichlorodifluoromethane	50.000	46.921	6.2	92	0.00
3	P	Chloromethane	50.000	45.772	8.5	95	0.00
4	C	Vinyl Chloride	50.000	50.572	-1.1#	96	0.00
5	T	Bromomethane	50.000	48.975	2.0	97	0.00
6	T	Chloroethane	50.000	50.950	-1.9	100	0.00
7	T	Trichlorofluoromethane	50.000	41.334	17.3	72	-0.01
8	T	Diethyl Ether	50.000	48.982	2.0	100	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.103	-2.2	99	-0.02
10	T	Methyl Iodide	50.000	48.902	2.2	96	0.00
11	T	Tert butyl alcohol	250.000	287.795	-15.1	111	0.00
12	CM	1,1-Dichloroethene	50.000	51.036	-2.1#	100	0.00
13	T	Acrolein	250.000	130.097	48.0#	59	-0.02
14	T	Allyl chloride	50.000	51.530	-3.1	100	0.00
15	T	Acrylonitrile	250.000	270.198	-8.1	105	0.00
16	T	Acetone	250.000	262.562	-5.0	107	0.00
17	T	Carbon Disulfide	50.000	50.424	-0.8	97	0.00
18	T	Methyl Acetate	50.000	59.140	-18.3	116	-0.01
19	T	Methyl tert-butyl Ether	50.000	55.731	-11.5	107	0.00
20	T	Methylene Chloride	50.000	47.719	4.6	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.195	-2.4	99	0.00
22	T	Diisopropyl ether	50.000	51.644	-3.3	98	0.00
23	T	Vinyl Acetate	250.000	265.075	-6.0	100	-0.01
24	P	1,1-Dichloroethane	50.000	51.977	-4.0	100	0.00
25	T	2-Butanone	250.000	279.240	-11.7	110	0.00
26	T	2,2-Dichloropropane	50.000	51.934	-3.9	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.896	-3.8	99	0.00
28	T	Bromochloromethane	50.000	50.180	-0.4	98	0.00
29	T	Tetrahydrofuran	250.000	277.613	-11.0	106	0.00
30	C	Chloroform	50.000	51.947	-3.9#	101	0.00
31	T	Cyclohexane	50.000	49.002	2.0	98	0.00
32	T	1,1,1-Trichloroethane	50.000	53.100	-6.2	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.480	3.0	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	46.973	6.1	95	0.00
36	T	1,1-Dichloropropene	50.000	50.324	-0.6	100	0.00
37	T	Ethyl Acetate	50.000	51.121	-2.2	100	0.00
38	T	Carbon Tetrachloride	50.000	50.550	-1.1	99	0.00
39	T	Methylcyclohexane	50.000	51.425	-2.8	100	0.00
40	TM	Benzene	50.000	50.920	-1.8	100	0.00
41	T	Methacrylonitrile	50.000	49.772	0.5	96	0.00
42	TM	1,2-Dichloroethane	50.000	50.085	-0.2	100	0.00
43	T	Isopropyl Acetate	50.000	52.336	-4.7	103	0.00
44	TM	Trichloroethene	50.000	51.787	-3.6	101	0.00
45	C	1,2-Dichloropropane	50.000	49.910	0.2#	100	0.00
46	T	Dibromomethane	50.000	51.614	-3.2	102	0.00
47	T	Bromodichloromethane	50.000	52.308	-4.6	105	0.00
48	T	Methyl methacrylate	50.000	53.307	-6.6	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1232.638	-23.3	105	0.00
50	S	Toluene-d8	50.000	46.119	7.8	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.959	-8.0	104	0.00
52	CM	Toluene	50.000	50.273	-0.5#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	52.549	-5.1	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.095	-4.2	102	0.00
55	T	1,1,2-Trichloroethane	50.000	52.226	-4.5	103	0.00
56	T	Ethyl methacrylate	50.000	53.685	-7.4	102	0.00
57	T	1,3-Dichloropropane	50.000	50.703	-1.4	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.703	-12.3	108	0.00
59	T	2-Hexanone	250.000	275.123	-10.0	106	0.00
60	T	Dibromochloromethane	50.000	51.435	-2.9	101	0.00
61	T	1,2-Dibromoethane	50.000	50.910	-1.8	100	0.00
62	S	4-Bromofluorobenzene	50.000	47.834	4.3	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.913	-5.8	105	0.00
65	PM	Chlorobenzene	50.000	51.443	-2.9	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.804	-5.6	104	0.00
67	C	Ethyl Benzene	50.000	51.380	-2.8#	97	0.00
68	T	m/p-Xylenes	100.000	104.620	-4.6	101	0.00
69	T	o-Xylene	50.000	51.867	-3.7	98	0.00
70	T	Styrene	50.000	53.033	-6.1	100	0.00
71	P	Bromoform	50.000	58.201	-16.4	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	47.170	5.7	97	0.00
74	T	N-amyl acetate	50.000	50.819	-1.6	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.466	3.1	102	0.00
76	T	1,2,3-Trichloropropane	50.000	48.841	2.3	102	0.00
77	T	Bromobenzene	50.000	47.228	5.5	102	0.00
78	T	n-propylbenzene	50.000	47.319	5.4	99	0.00
79	T	2-Chlorotoluene	50.000	47.929	4.1	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.614	4.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.071	-2.1	106	0.00
82	T	4-Chlorotoluene	50.000	46.954	6.1	100	0.00
83	T	tert-Butylbenzene	50.000	48.867	2.3	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.076	3.8	100	0.00
85	T	sec-Butylbenzene	50.000	47.417	5.2	100	0.00
86	T	p-Isopropyltoluene	50.000	47.586	4.8	100	0.00
87	T	1,3-Dichlorobenzene	50.000	46.632	6.7	100	0.00
88	T	1,4-Dichlorobenzene	50.000	46.789	6.4	103	0.00
89	T	n-Butylbenzene	50.000	47.697	4.6	98	0.00
90	T	Hexachloroethane	50.000	50.292	-0.6	109	0.00
91	T	1,2-Dichlorobenzene	50.000	46.550	6.9	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.203	3.6	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.130	3.7	107	0.00
94	T	Hexachlorobutadiene	50.000	47.736	4.5	101	0.00
95	T	Naphthalene	50.000	49.698	0.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.935	4.1	101	0.00

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