Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
Data File : VW031898.D
Acq On : 22 Jul 2025 14:47
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

Quant Time: Jul 23 08:20:09 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	100	-0.01
2	T	Dichlorodifluoromethane	50.000	47.231	5.5	98	0.00
3	P	Chloromethane	50.000	48.299	3.4	107	0.00
4	C	Vinyl Chloride	50.000	48.682	2.6#	99	0.00
5	T	Bromomethane	50.000	47.931	4.1	101	0.00
6	T	Chloroethane	50.000	48.122	3.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.287	5.4	88	0.00
8	T	Diethyl Ether	50.000	46.898	6.2	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.057	3.9	99	0.00
10	T	Methyl Iodide	50.000	47.621	4.8	100	0.00
11	T	Tert butyl alcohol	250.000	273.664	-9.5	112	0.00
12	CM	1,1-Dichloroethene	50.000	48.510	3.0#	101	0.00
13	T	Acrolein	250.000	243.737	2.5	111	-0.01
14	T	Allyl chloride	50.000	48.442	3.1	100	0.00
15	T	Acrylonitrile	250.000	252.071	-0.8	104	0.00
16	T	Acetone	250.000	261.441	-4.6	114	0.00
17	T	Carbon Disulfide	50.000	49.063	1.9	101	0.00
18	T	Methyl Acetate	50.000	51.889	-3.8	109	0.00
19	T	Methyl tert-butyl Ether	50.000	50.308	-0.6	103	0.00
20	T	Methylene Chloride	50.000	49.004	2.0	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.220	3.6	99	0.00
22	T	Diisopropyl ether	50.000	48.814	2.4	99	0.00
23	T	Vinyl Acetate	250.000	257.536	-3.0	104	-0.01
24	P	1,1-Dichloroethane	50.000	48.848	2.3	100	0.00
25	T	2-Butanone	250.000	266.207	-6.5	111	0.00
26	T	2,2-Dichloropropane	50.000	48.135	3.7	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.747	2.5	99	0.00
28	T	Bromochloromethane	50.000	49.115	1.8	102	0.00
29	T	Tetrahydrofuran	250.000	260.591	-4.2	106	0.00
30	C	Chloroform	50.000	49.755	0.5#	103	0.00
31	T	Cyclohexane	50.000	46.897	6.2	99	0.00
32	T	1,1,1-Trichloroethane	50.000	48.687	2.6	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.275	9.5	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	46.294	7.4	96	0.00
36	T	1,1-Dichloropropene	50.000	49.596	0.8	101	0.00
37	T	Ethyl Acetate	50.000	50.911	-1.8	102	0.00
38	T	Carbon Tetrachloride	50.000	49.141	1.7	100	0.00
39	T	Methylcyclohexane	50.000	50.909	-1.8	102	0.00
40	TM	Benzene	50.000	49.422	1.2	100	0.00
41	T	Methacrylonitrile	50.000	49.252	1.5	98	0.00
42	TM	1,2-Dichloroethane	50.000	49.242	1.5	101	0.00
43	T	Isopropyl Acetate	50.000	51.748	-3.5	105	0.00
44	TM	Trichloroethene	50.000	48.996	2.0	99	0.00
45	C	1,2-Dichloropropane	50.000	48.855	2.3#	101	0.00
46	T	Dibromomethane	50.000	49.959	0.1	102	0.00
47	T	Bromodichloromethane	50.000	50.465	-0.9	104	0.00
48	T	Methyl methacrylate	50.000	52.150	-4.3	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1044.021	-4.4	92	0.00
50	S	Toluene-d8	50.000	46.131	7.7	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.159	-4.9	105	0.00
52	CM	Toluene	50.000	49.520	1.0#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	51.226	-2.5	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.715	-1.4	102	0.00
55	T	1,1,2-Trichloroethane	50.000	50.025	-0.0	102	0.00
56	T	Ethyl methacrylate	50.000	52.748	-5.5	103	0.00
57	T	1,3-Dichloropropane	50.000	50.201	-0.4	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.689	-6.7	106	0.00
59	T	2-Hexanone	250.000	270.260	-8.1	108	0.00
60	T	Dibromochloromethane	50.000	49.816	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.410	1.2	101	0.00
62	S	4-Bromofluorobenzene	50.000	45.728	8.5	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	48.658	2.7	101	0.00
65	PM	Chlorobenzene	50.000	47.600	4.8	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.026	-4.1	106	0.00
67	C	Ethyl Benzene	50.000	49.339	1.3#	97	0.00
68	T	m/p-Xylenes	100.000	98.862	1.1	99	0.00
69	T	o-Xylene	50.000	51.412	-2.8	101	0.00
70	T	Styrene	50.000	50.260	-0.5	98	0.00
71	P	Bromoform	50.000	51.994	-4.0	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	49.484	1.0	99	0.00
74	T	N-amyl acetate	50.000	52.553	-5.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.778	0.4	102	0.00
76	T	1,2,3-Trichloropropane	50.000	47.566	4.9	97	0.00
77	T	Bromobenzene	50.000	49.814	0.4	105	0.00
78	T	n-propylbenzene	50.000	49.260	1.5	100	0.00
79	T	2-Chlorotoluene	50.000	49.018	2.0	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.139	-0.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.109	-4.2	106	0.00
82	T	4-Chlorotoluene	50.000	48.892	2.2	101	0.00
83	T	tert-Butylbenzene	50.000	49.850	0.3	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.148	1.7	100	0.00
85	T	sec-Butylbenzene	50.000	50.210	-0.4	103	0.00
86	T	p-Isopropyltoluene	50.000	50.261	-0.5	102	0.00
87	T	1,3-Dichlorobenzene	50.000	47.106	5.8	98	0.00
88	T	1,4-Dichlorobenzene	50.000	48.681	2.6	104	0.00
89	T	n-Butylbenzene	50.000	49.250	1.5	99	0.00
90	T	Hexachloroethane	50.000	49.643	0.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	48.082	3.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.905	0.2	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.346	1.3	107	0.00
94	T	Hexachlorobutadiene	50.000	46.450	7.1	96	0.00
95	T	Naphthalene	50.000	52.482	-5.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.512	-1.0	104	0.00

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