Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031915.D
Acq On : 24 Jul 2025 08:21
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 25 03:39:11 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	50.616	-1.2	104	0.00
3	P	Chloromethane	50.000	50.124	-0.2	109	0.00
4	C	Vinyl Chloride	50.000	47.478	5.0#	95	0.00
5	T	Bromomethane	50.000	47.594	4.8	99	0.00
6	T	Chloroethane	50.000	47.714	4.6	98	0.00
7	T	Trichlorofluoromethane	50.000	48.577	2.8	89	0.00
8	T	Diethyl Ether	50.000	46.971	6.1	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.617	2.8	98	-0.01
10	T	Methyl Iodide	50.000	49.266	1.5	102	0.00
11	T	Tert butyl alcohol	250.000	267.011	-6.8	108	0.00
12	CM	1,1-Dichloroethene	50.000	47.945	4.1#	98	0.00
13	T	Acrolein	250.000	164.037	34.4#	77	-0.01
14	T	Allyl chloride	50.000	47.574	4.9	97	0.00
15	T	Acrylonitrile	250.000	257.581	-3.0	105	0.00
16	T	Acetone	250.000	245.355	1.9	105	0.00
17	T	Carbon Disulfide	50.000	48.648	2.7	98	0.00
18	T	Methyl Acetate	50.000	54.248	-8.5	112	-0.01
19	T	Methyl tert-butyl Ether	50.000	52.259	-4.5	105	0.00
20	T	Methylene Chloride	50.000	45.453	9.1	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.935	4.1	97	0.00
22	T	Diisopropyl ether	50.000	49.240	1.5	98	0.00
23	T	Vinyl Acetate	250.000	255.472	-2.2	101	0.00
24	P	1,1-Dichloroethane	50.000	48.533	2.9	98	0.00
25	T	2-Butanone	250.000	261.875	-4.8	108	0.00
26	T	2,2-Dichloropropane	50.000	48.858	2.3	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.156	1.7	98	0.00
28	T	Bromochloromethane	50.000	50.305	-0.6	102	0.00
29	T	Tetrahydrofuran	250.000	266.375	-6.6	107	0.00
30	C	Chloroform	50.000	49.565	0.9#	101	0.00
31	T	Cyclohexane	50.000	45.587	8.8	95	0.00
32	T	1,1,1-Trichloroethane	50.000	47.189	5.6	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.646	6.7	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	48.459	3.1	98	0.00
36	T	1,1-Dichloropropene	50.000	49.435	1.1	98	0.00
37	T	Ethyl Acetate	50.000	52.311	-4.6	102	0.00
38	T	Carbon Tetrachloride	50.000	49.148	1.7	97	0.00
39	T	Methylcyclohexane	50.000	49.156	1.7	95	0.00
40	TM	Benzene	50.000	50.032	-0.1	98	0.00
41	T	Methacrylonitrile	50.000	50.374	-0.7	97	0.00
42	TM	1,2-Dichloroethane	50.000	50.565	-1.1	101	0.00
43	T	Isopropyl Acetate	50.000	52.704	-5.4	103	0.00
44	TM	Trichloroethene	50.000	50.068	-0.1	98	0.00
45	C	1,2-Dichloropropane	50.000	50.430	-0.9#	101	0.00
46	T	Dibromomethane	50.000	50.893	-1.8	100	0.00
47	T	Bromodichloromethane	50.000	50.663	-1.3	101	0.00
48	T	Methyl methacrylate	50.000	53.885	-7.8	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1239.900	-24.0	106	0.00
50	S	Toluene-d8	50.000	46.795	6.4	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.517	-9.4	106	0.00
52	CM	Toluene	50.000	49.061	1.9#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	51.471	-2.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.516	-3.0	100	0.00
55	T	1,1,2-Trichloroethane	50.000	52.446	-4.9	104	0.00
56	T	Ethyl methacrylate	50.000	53.849	-7.7	102	0.00
57	T	1,3-Dichloropropane	50.000	50.441	-0.9	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.342	-9.3	105	0.00
59	T	2-Hexanone	250.000	272.452	-9.0	105	0.00
60	T	Dibromochloromethane	50.000	52.978	-6.0	104	0.00
61	T	1,2-Dibromoethane	50.000	50.788	-1.6	100	0.00
62	S	4-Bromofluorobenzene	50.000	47.622	4.8	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	47.926	4.1	98	0.00
65	PM	Chlorobenzene	50.000	48.571	2.9	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.912	0.2	101	0.00
67	C	Ethyl Benzene	50.000	48.902	2.2#	95	0.00
68	T	m/p-Xylenes	100.000	96.223	3.8	95	0.00
69	T	o-Xylene	50.000	49.524	1.0	96	0.00
70	T	Styrene	50.000	50.523	-1.0	97	0.00
71	P	Bromoform	50.000	51.070	-2.1	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	49.758	0.5	96	0.00
74	T	N-amyl acetate	50.000	52.667	-5.3	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.454	-2.9	101	0.00
76	T	1,2,3-Trichloropropane	50.000	50.788	-1.6	99	0.00
77	T	Bromobenzene	50.000	49.242	1.5	99	0.00
78	T	n-propylbenzene	50.000	48.385	3.2	95	0.00
79	T	2-Chlorotoluene	50.000	48.826	2.3	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.020	2.0	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.121	-6.2	103	0.00
82	T	4-Chlorotoluene	50.000	48.425	3.2	96	0.00
83	T	tert-Butylbenzene	50.000	49.042	1.9	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.302	3.4	94	0.00
85	T	sec-Butylbenzene	50.000	47.800	4.4	94	0.00
86	T	p-Isopropyltoluene	50.000	47.579	4.8	93	0.00
87	T	1,3-Dichlorobenzene	50.000	47.228	5.5	94	0.00
88	T	1,4-Dichlorobenzene	50.000	48.145	3.7	99	0.00
89	T	n-Butylbenzene	50.000	48.904	2.2	94	0.00
90	T	Hexachloroethane	50.000	48.388	3.2	98	0.00
91	T	1,2-Dichlorobenzene	50.000	48.892	2.2	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.778	-3.6	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.506	1.0	103	0.00
94	T	Hexachlorobutadiene	50.000	46.651	6.7	92	0.00
95	T	Naphthalene	50.000	53.740	-7.5	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.283	-0.6	99	0.00

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