Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032021.D
Acq On : 05 Aug 2025 18:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Aug 06 03:58:19 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	40.302	19.4	81	0.00
3	P	Chloromethane	50.000	44.409	11.2	94	0.00
4	C	Vinyl Chloride	50.000	44.292	11.4#	86	0.00
5	T	Bromomethane	50.000	45.579	8.8	93	0.00
6	T	Chloroethane	50.000	45.665	8.7	92	-0.01
7	T	Trichlorofluoromethane	50.000	39.312	21.4	70	0.00
8	T	Diethyl Ether	50.000	46.881	6.2	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.254	11.5	88	-0.01
10	T	Methyl Iodide	50.000	45.334	9.3	91	0.00
11	T	Tert butyl alcohol	250.000	266.800	-6.7	105	0.02
12	CM	1,1-Dichloroethene	50.000	44.333	11.3#	89	0.00
13	T	Acrolein	250.000	45.337	81.9#	24	0.00
14	T	Allyl chloride	50.000	45.316	9.4	90	0.00
15	T	Acrylonitrile	250.000	256.612	-2.6	102	0.00
16	T	Acetone	250.000	209.782	16.1	88	0.00
17	T	Carbon Disulfide	50.000	45.152	9.7	89	0.00
18	T	Methyl Acetate	50.000	62.093	-24.2	125	0.00
19	T	Methyl tert-butyl Ether	50.000	52.771	-5.5	104	0.00
20	T	Methylene Chloride	50.000	45.171	9.7	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.562	6.9	92	0.00
22	T	Diisopropyl ether	50.000	48.596	2.8	94	0.00
23	T	Vinyl Acetate	250.000	237.144	5.1	92	0.00
24	P	1,1-Dichloroethane	50.000	47.032	5.9	93	0.00
25	T	2-Butanone	250.000	248.732	0.5	100	0.00
26	T	2,2-Dichloropropane	50.000	42.288	15.4	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.940	4.1	94	0.00
28	T	Bromochloromethane	50.000	50.668	-1.3	101	0.00
29	T	Tetrahydrofuran	250.000	268.343	-7.3	105	0.00
30	C	Chloroform	50.000	47.097	5.8#	94	0.00
31	T	Cyclohexane	50.000	42.837	14.3	87	0.00
32	T	1,1,1-Trichloroethane	50.000	45.637	8.7	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.336	-6.7	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	52.186	-4.4	107	0.00
36	T	1,1-Dichloropropene	50.000	44.085	11.8	89	0.00
37	T	Ethyl Acetate	50.000	49.025	2.0	97	0.00
38	T	Carbon Tetrachloride	50.000	44.126	11.7	88	0.00
39	T	Methylcyclohexane	50.000	45.154	9.7	89	0.00
40	TM	Benzene	50.000	47.517	5.0	95	0.00
41	T	Methacrylonitrile	50.000	50.416	-0.8	98	0.00
42	TM	1,2-Dichloroethane	50.000	47.072	5.9	95	0.00
43	T	Isopropyl Acetate	50.000	50.186	-0.4	100	0.00
44	TM	Trichloroethene	50.000	47.393	5.2	94	0.00
45	C	1,2-Dichloropropane	50.000	47.365	5.3#	96	0.00
46	T	Dibromomethane	50.000	48.339	3.3	97	0.00
47	T	Bromodichloromethane	50.000	47.397	5.2	96	0.00
48	T	Methyl methacrylate	50.000	52.233	-4.5	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1205.006	-20.5	104	0.00
50	S	Toluene-d8	50.000	51.731	-3.5	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.558	-4.6	103	0.00
52	CM	Toluene	50.000	46.157	7.7#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	47.226	5.5	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.959	6.1	93	0.00
55	T	1,1,2-Trichloroethane	50.000	49.742	0.5	100	0.00
56	T	Ethyl methacrylate	50.000	51.857	-3.7	100	0.00
57	T	1,3-Dichloropropane	50.000	50.240	-0.5	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	126.524	49.4#	49	0.00
59	T	2-Hexanone	250.000	261.565	-4.6	102	0.00
60	T	Dibromochloromethane	50.000	49.086	1.8	98	0.00
61	T	1,2-Dibromoethane	50.000	49.606	0.8	99	0.00
62	S	4-Bromofluorobenzene	50.000	51.617	-3.2	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	48.857	2.3	103	0.00
65	PM	Chlorobenzene	50.000	46.287	7.4	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.496	9.0	95	0.00
67	C	Ethyl Benzene	50.000	45.868	8.3#	92	0.00
68	T	m/p-Xylenes	100.000	93.470	6.5	95	0.00
69	T	o-Xylene	50.000	46.628	6.7	93	0.00
70	T	Styrene	50.000	48.730	2.5	97	0.00
71	P	Bromoform	50.000	47.458	5.1	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	43.338	13.3	88	0.00
74	T	N-amyl acetate	50.000	48.312	3.4	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.994	4.0	100	0.00
76	T	1,2,3-Trichloropropane	50.000	47.330	5.3	98	0.00
77	T	Bromobenzene	50.000	46.101	7.8	99	0.00
78	T	n-propylbenzene	50.000	43.305	13.4	90	0.00
79	T	2-Chlorotoluene	50.000	44.905	10.2	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.325	11.3	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.509	7.0	96	0.00
82	T	4-Chlorotoluene	50.000	42.909	14.2	91	0.00
83	T	tert-Butylbenzene	50.000	44.266	11.5	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.186	11.6	92	0.00
85	T	sec-Butylbenzene	50.000	43.103	13.8	90	0.00
86	T	p-Isopropyltoluene	50.000	43.922	12.2	91	0.00
87	T	1,3-Dichlorobenzene	50.000	42.595	14.8	90	0.00
88	T	1,4-Dichlorobenzene	50.000	44.050	11.9	96	0.00
89	T	n-Butylbenzene	50.000	42.946	14.1	88	0.00
90	T	Hexachloroethane	50.000	43.197	13.6	93	0.00
91	T	1,2-Dichlorobenzene	50.000	44.201	11.6	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.161	5.7	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.446	5.1	104	0.00
94	T	Hexachlorobutadiene	50.000	42.181	15.6	88	0.00
95	T	Naphthalene	50.000	49.887	0.2	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.950	8.1	96	0.00

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