Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031927.D
Acq On : 24 Jul 2025 15:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 25 03:45:33 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	0.00
2	T	Dichlorodifluoromethane	50.000	46.490	7.0	91	0.00
3	P	Chloromethane	50.000	46.934	6.1	97	0.00
4	C	Vinyl Chloride	50.000	45.989	8.0#	88	0.00
5	T	Bromomethane	50.000	45.071	9.9	89	0.00
6	T	Chloroethane	50.000	47.175	5.7	93	0.00
7	T	Trichlorofluoromethane	50.000	42.741	14.5	75	0.00
8	T	Diethyl Ether	50.000	47.145	5.7	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.718	6.6	90	-0.01
10	T	Methyl Iodide	50.000	46.062	7.9	91	0.01
11	T	Tert butyl alcohol	250.000	283.336	-13.3	109	0.00
12	CM	1,1-Dichloroethene	50.000	45.973	8.1#	90	0.00
13	T	Acrolein	250.000	156.733	37.3#	70	-0.01
14	T	Allyl chloride	50.000	45.853	8.3	89	0.00
15	T	Acrylonitrile	250.000	260.453	-4.2	101	0.00
16	T	Acetone	250.000	205.507	17.8	84	0.00
17	T	Carbon Disulfide	50.000	44.692	10.6	86	0.00
18	T	Methyl Acetate	50.000	56.339	-12.7	111	0.00
19	T	Methyl tert-butyl Ether	50.000	51.499	-3.0	99	0.00
20	T	Methylene Chloride	50.000	44.476	11.0	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.734	4.5	92	0.00
22	T	Diisopropyl ether	50.000	49.604	0.8	94	0.00
23	T	Vinyl Acetate	250.000	256.456	-2.6	97	0.00
24	P	1,1-Dichloroethane	50.000	48.933	2.1	95	0.00
25	T	2-Butanone	250.000	256.984	-2.8	101	0.00
26	T	2,2-Dichloropropane	50.000	45.393	9.2	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.935	0.1	95	0.00
28	T	Bromochloromethane	50.000	50.265	-0.5	98	0.00
29	T	Tetrahydrofuran	250.000	274.185	-9.7	105	0.00
30	C	Chloroform	50.000	49.705	0.6#	97	0.00
31	T	Cyclohexane	50.000	44.935	10.1	90	0.00
32	T	1,1,1-Trichloroethane	50.000	46.996	6.0	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.315	1.4	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	49.335	1.3	100	0.00
36	T	1,1-Dichloropropene	50.000	45.823	8.4	91	0.00
37	T	Ethyl Acetate	50.000	50.447	-0.9	98	0.00
38	T	Carbon Tetrachloride	50.000	46.008	8.0	91	0.00
39	T	Methylcyclohexane	50.000	46.160	7.7	89	0.00
40	TM	Benzene	50.000	47.619	4.8	94	0.00
41	T	Methacrylonitrile	50.000	51.052	-2.1	98	0.00
42	TM	1,2-Dichloroethane	50.000	48.478	3.0	97	0.00
43	T	Isopropyl Acetate	50.000	51.888	-3.8	102	0.00
44	TM	Trichloroethene	50.000	47.216	5.6	93	0.00
45	C	1,2-Dichloropropane	50.000	48.500	3.0#	97	0.00
46	T	Dibromomethane	50.000	49.345	1.3	98	0.00
47	T	Bromodichloromethane	50.000	48.679	2.6	98	0.00
48	T	Methyl methacrylate	50.000	52.725	-5.5	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1166.284	-16.6	100	0.00
50	S	Toluene-d8	50.000	48.245	3.5	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.350	-6.1	103	0.00
52	CM	Toluene	50.000	48.296	3.4#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	49.137	1.7	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.624	2.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	49.880	0.2	99	0.00
56	T	Ethyl methacrylate	50.000	52.723	-5.4	100	0.00
57	T	1,3-Dichloropropane	50.000	49.639	0.7	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.358	-4.9	101	0.00
59	T	2-Hexanone	250.000	266.643	-6.7	103	0.00
60	T	Dibromochloromethane	50.000	49.544	0.9	98	0.00
61	T	1,2-Dibromoethane	50.000	50.632	-1.3	100	0.00
62	S	4-Bromofluorobenzene	50.000	48.964	2.1	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	44.368	11.3	93	0.00
65	PM	Chlorobenzene	50.000	46.644	6.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.424	5.2	98	0.00
67	C	Ethyl Benzene	50.000	47.098	5.8#	94	0.00
68	T	m/p-Xylenes	100.000	94.902	5.1	96	0.00
69	T	o-Xylene	50.000	47.915	4.2	95	0.00
70	T	Styrene	50.000	49.597	0.8	98	0.00
71	P	Bromoform	50.000	47.556	4.9	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	47.586	4.8	94	0.00
74	T	N-amyl acetate	50.000	51.050	-2.1	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.699	-1.4	102	0.00
76	T	1,2,3-Trichloropropane	50.000	50.405	-0.8	101	0.00
77	T	Bromobenzene	50.000	49.516	1.0	102	0.00
78	T	n-propylbenzene	50.000	47.343	5.3	95	0.00
79	T	2-Chlorotoluene	50.000	46.855	6.3	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.840	4.3	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.274	3.5	96	0.00
82	T	4-Chlorotoluene	50.000	46.531	6.9	95	0.00
83	T	tert-Butylbenzene	50.000	47.596	4.8	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.149	5.7	94	0.00
85	T	sec-Butylbenzene	50.000	47.322	5.4	95	0.00
86	T	p-Isopropyltoluene	50.000	47.376	5.2	95	0.00
87	T	1,3-Dichlorobenzene	50.000	45.773	8.5	94	0.00
88	T	1,4-Dichlorobenzene	50.000	46.504	7.0	98	0.00
89	T	n-Butylbenzene	50.000	47.564	4.9	94	0.00
90	T	Hexachloroethane	50.000	46.290	7.4	96	0.00
91	T	1,2-Dichlorobenzene	50.000	46.827	6.3	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.142	1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.347	-0.7	107	0.00
94	T	Hexachlorobutadiene	50.000	47.979	4.0	97	0.00
95	T	Naphthalene	50.000	51.839	-3.7	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.393	9.2	92	0.00

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