Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031877.D
Acq On : 16 Jul 2025 16:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Jul 17 04:05:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 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	52.169	-4.3	108	0.00
3	P	Chloromethane	50.000	58.618	-17.2	121	0.00
4	C	Vinyl Chloride	50.000	51.044	-2.1#	101	0.00
5	T	Bromomethane	50.000	43.566	12.9	87	0.00
6	T	Chloroethane	50.000	47.270	5.5	94	0.00
7	T	Trichlorofluoromethane	50.000	47.291	5.4	93	0.00
8	T	Diethyl Ether	50.000	54.413	-8.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.503	5.0	96	0.00
10	T	Methyl Iodide	50.000	43.240	13.5	84	0.00
11	T	Tert butyl alcohol	250.000	282.528	-13.0	101	0.02
12	CM	1,1-Dichloroethene	50.000	47.860	4.3#	97	0.00
13	T	Acrolein	250.000	240.039	4.0	87	0.00
14	T	Allyl chloride	50.000	48.631	2.7	93	0.00
15	T	Acrylonitrile	250.000	266.688	-6.7	96	0.01
16	T	Acetone	250.000	206.884	17.2	85	0.01
17	T	Carbon Disulfide	50.000	47.133	5.7	92	0.01
18	T	Methyl Acetate	50.000	54.875	-9.8	99	0.00
19	T	Methyl tert-butyl Ether	50.000	56.220	-12.4	104	0.01
20	T	Methylene Chloride	50.000	48.563	2.9	94	0.01
21	T	trans-1,2-Dichloroethene	50.000	52.099	-4.2	101	0.00
22	T	Diisopropyl ether	50.000	58.312	-16.6	109	0.00
23	T	Vinyl Acetate	250.000	294.389	-17.8	107	0.00
24	P	1,1-Dichloroethane	50.000	55.019	-10.0	107	0.00
25	T	2-Butanone	250.000	284.889	-14.0	99	0.01
26	T	2,2-Dichloropropane	50.000	44.019	12.0	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.012	-14.0	109	0.00
28	T	Bromochloromethane	50.000	54.531	-9.1	104	0.00
29	T	Tetrahydrofuran	250.000	291.427	-16.6	103	0.00
30	C	Chloroform	50.000	54.887	-9.8#	105	0.00
31	T	Cyclohexane	50.000	48.612	2.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	48.391	3.2	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.130	-10.3	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	51.148	-2.3	104	0.00
36	T	1,1-Dichloropropene	50.000	50.314	-0.6	105	0.00
37	T	Ethyl Acetate	50.000	52.534	-5.1	104	0.00
38	T	Carbon Tetrachloride	50.000	46.359	7.3	97	0.00
39	T	Methylcyclohexane	50.000	51.764	-3.5	108	0.00
40	TM	Benzene	50.000	51.521	-3.0	105	0.00
41	T	Methacrylonitrile	50.000	56.116	-12.2	103	0.01
42	TM	1,2-Dichloroethane	50.000	51.954	-3.9	107	0.00
43	T	Isopropyl Acetate	50.000	56.131	-12.3	108	0.00
44	TM	Trichloroethene	50.000	48.488	3.0	99	0.00
45	C	1,2-Dichloropropane	50.000	53.257	-6.5#	109	0.00
46	T	Dibromomethane	50.000	53.061	-6.1	106	0.00
47	T	Bromodichloromethane	50.000	52.958	-5.9	107	0.00
48	T	Methyl methacrylate	50.000	56.233	-12.5	110	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	950.542	4.9	96	0.00
50	S	Toluene-d8	50.000	51.964	-3.9	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.068	-9.2	104	0.00
52	CM	Toluene	50.000	53.281	-6.6#	110	0.00
53	T	t-1,3-Dichloropropene	50.000	55.551	-11.1	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.305	-10.6	110	0.00
55	T	1,1,2-Trichloroethane	50.000	53.407	-6.8	108	0.00
56	T	Ethyl methacrylate	50.000	61.355	-22.7	117	0.00
57	T	1,3-Dichloropropane	50.000	54.035	-8.1	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.839	-15.1	110	0.00
59	T	2-Hexanone	250.000	285.221	-14.1	105	0.00
60	T	Dibromochloromethane	50.000	50.936	-1.9	99	0.00
61	T	1,2-Dibromoethane	50.000	54.128	-8.3	108	0.00
62	S	4-Bromofluorobenzene	50.000	54.115	-8.2	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	46.236	7.5	97	0.00
65	PM	Chlorobenzene	50.000	50.151	-0.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.731	-5.5	107	0.00
67	C	Ethyl Benzene	50.000	52.909	-5.8#	108	0.00
68	T	m/p-Xylenes	100.000	102.550	-2.5	105	0.00
69	T	o-Xylene	50.000	55.135	-10.3	111	0.00
70	T	Styrene	50.000	55.635	-11.3	109	0.00
71	P	Bromoform	50.000	50.143	-0.3	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	52.655	-5.3	106	0.00
74	T	N-amyl acetate	50.000	60.990	-22.0	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.294	-8.6	108	0.00
76	T	1,2,3-Trichloropropane	50.000	54.494	-9.0	107	0.00
77	T	Bromobenzene	50.000	55.002	-10.0	118	0.00
78	T	n-propylbenzene	50.000	53.741	-7.5	108	0.00
79	T	2-Chlorotoluene	50.000	53.694	-7.4	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.867	-9.7	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.487	-5.0	99	0.00
82	T	4-Chlorotoluene	50.000	52.536	-5.1	106	0.00
83	T	tert-Butylbenzene	50.000	53.004	-6.0	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.575	-7.2	108	0.00
85	T	sec-Butylbenzene	50.000	52.316	-4.6	105	0.00
86	T	p-Isopropyltoluene	50.000	53.557	-7.1	108	0.00
87	T	1,3-Dichlorobenzene	50.000	50.766	-1.5	104	0.00
88	T	1,4-Dichlorobenzene	50.000	50.471	-0.9	102	0.00
89	T	n-Butylbenzene	50.000	52.215	-4.4	105	0.00
90	T	Hexachloroethane	50.000	48.950	2.1	98	0.00
91	T	1,2-Dichlorobenzene	50.000	51.898	-3.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.573	-1.1	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.810	-1.6	103	0.00
94	T	Hexachlorobutadiene	50.000	46.225	7.5	102	0.00
95	T	Naphthalene	50.000	59.602	-19.2	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.975	-4.0	105	0.00

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