Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032004.D
Acq On : 05 Aug 2025 09:05
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: Aug 06 03:50:12 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	90	-0.01
2	T	Dichlorodifluoromethane	50.000	53.654	-7.3	100	0.00
3	P	Chloromethane	50.000	58.381	-16.8	116	0.00
4	C	Vinyl Chloride	50.000	55.541	-11.1#	101	0.00
5	T	Bromomethane	50.000	57.331	-14.7	109	-0.01
6	T	Chloroethane	50.000	58.597	-17.2	110	-0.01
7	T	Trichlorofluoromethane	50.000	49.356	1.3	82	-0.01
8	T	Diethyl Ether	50.000	53.064	-6.1	103	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.475	-15.0	106	-0.01
10	T	Methyl Iodide	50.000	55.427	-10.9	104	0.00
11	T	Tert butyl alcohol	250.000	253.731	-1.5	94	-0.01
12	CM	1,1-Dichloroethene	50.000	57.298	-14.6#	107	0.00
13	T	Acrolein	250.000	48.191	80.7#	24	-0.01
14	T	Allyl chloride	50.000	55.040	-10.1	102	0.00
15	T	Acrylonitrile	250.000	264.967	-6.0	98	0.00
16	T	Acetone	250.000	253.054	-1.2	99	-0.01
17	T	Carbon Disulfide	50.000	58.519	-17.0	108	-0.01
18	T	Methyl Acetate	50.000	59.912	-19.8	112	-0.01
19	T	Methyl tert-butyl Ether	50.000	57.432	-14.9	105	0.00
20	T	Methylene Chloride	50.000	54.081	-8.2	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.170	-12.3	104	-0.02
22	T	Diisopropyl ether	50.000	56.328	-12.7	102	0.00
23	T	Vinyl Acetate	250.000	265.845	-6.3	96	-0.01
24	P	1,1-Dichloroethane	50.000	57.071	-14.1	105	0.00
25	T	2-Butanone	250.000	249.937	0.0	94	0.00
26	T	2,2-Dichloropropane	50.000	55.512	-11.0	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.685	-13.4	103	0.00
28	T	Bromochloromethane	50.000	48.932	2.1	91	0.00
29	T	Tetrahydrofuran	250.000	264.008	-5.6	96	0.00
30	C	Chloroform	50.000	57.492	-15.0#	107	0.00
31	T	Cyclohexane	50.000	53.713	-7.4	102	0.00
32	T	1,1,1-Trichloroethane	50.000	57.980	-16.0	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.357	-4.7	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	55.603	-11.2	104	0.00
36	T	1,1-Dichloropropene	50.000	56.461	-12.9	104	0.00
37	T	Ethyl Acetate	50.000	50.909	-1.8	92	0.00
38	T	Carbon Tetrachloride	50.000	57.308	-14.6	105	0.00
39	T	Methylcyclohexane	50.000	55.570	-11.1	100	0.00
40	TM	Benzene	50.000	58.149	-16.3	106	0.00
41	T	Methacrylonitrile	50.000	46.477	7.0	83	0.00
42	TM	1,2-Dichloroethane	50.000	55.604	-11.2	103	0.00
43	T	Isopropyl Acetate	50.000	51.822	-3.6	95	0.00
44	TM	Trichloroethene	50.000	56.783	-13.6	103	0.00
45	C	1,2-Dichloropropane	50.000	57.129	-14.3#	106	0.00
46	T	Dibromomethane	50.000	56.330	-12.7	103	0.00
47	T	Bromodichloromethane	50.000	57.237	-14.5	106	0.00
48	T	Methyl methacrylate	50.000	53.243	-6.5	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1212.829	-21.3	96	0.00
50	S	Toluene-d8	50.000	54.750	-9.5	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.846	-5.9	95	0.00
52	CM	Toluene	50.000	58.479	-17.0#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	55.789	-11.6	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.761	-13.5	103	0.00
55	T	1,1,2-Trichloroethane	50.000	56.759	-13.5	104	0.00
56	T	Ethyl methacrylate	50.000	54.464	-8.9	96	0.00
57	T	1,3-Dichloropropane	50.000	55.247	-10.5	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.976	3.2	87	0.00
59	T	2-Hexanone	250.000	257.756	-3.1	92	0.00
60	T	Dibromochloromethane	50.000	59.987	-20.0	110	0.00
61	T	1,2-Dibromoethane	50.000	55.943	-11.9	102	0.00
62	S	4-Bromofluorobenzene	50.000	52.325	-4.7	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	56.407	-12.8	109	0.00
65	PM	Chlorobenzene	50.000	54.059	-8.1	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.086	-14.2	109	0.00
67	C	Ethyl Benzene	50.000	55.220	-10.4#	101	0.00
68	T	m/p-Xylenes	100.000	115.549	-15.5	108	0.00
69	T	o-Xylene	50.000	56.130	-12.3	103	0.00
70	T	Styrene	50.000	58.502	-17.0	106	0.00
71	P	Bromoform	50.000	58.209	-16.4	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	54.796	-9.6	100	0.00
74	T	N-amyl acetate	50.000	51.867	-3.7	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.950	-7.9	101	0.00
76	T	1,2,3-Trichloropropane	50.000	52.815	-5.6	98	0.00
77	T	Bromobenzene	50.000	59.276	-18.6	114	0.00
78	T	n-propylbenzene	50.000	55.939	-11.9	104	0.00
79	T	2-Chlorotoluene	50.000	55.396	-10.8	105	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.883	-7.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.745	-5.5	98	0.00
82	T	4-Chlorotoluene	50.000	55.289	-10.6	105	0.00
83	T	tert-Butylbenzene	50.000	55.870	-11.7	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.282	-12.6	104	0.00
85	T	sec-Butylbenzene	50.000	54.890	-9.8	103	0.00
86	T	p-Isopropyltoluene	50.000	54.302	-8.6	101	0.00
87	T	1,3-Dichlorobenzene	50.000	56.472	-12.9	107	0.00
88	T	1,4-Dichlorobenzene	50.000	54.440	-8.9	106	0.00
89	T	n-Butylbenzene	50.000	54.578	-9.2	100	0.00
90	T	Hexachloroethane	50.000	54.332	-8.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	56.261	-12.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.374	-0.7	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.911	-5.8	104	0.00
94	T	Hexachlorobutadiene	50.000	52.424	-4.8	99	0.00
95	T	Naphthalene	50.000	52.897	-5.8	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.081	-8.2	102	0.00

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