Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
Data File : VW031879.D
Acq On : 17 Jul 2025 10:17
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 18 02:47:42 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	54.867	-9.7	120	0.00
3	P	Chloromethane	50.000	56.140	-12.3	122	0.00
4	C	Vinyl Chloride	50.000	57.064	-14.1#	119	0.00
5	T	Bromomethane	50.000	51.637	-3.3	109	0.00
6	T	Chloroethane	50.000	52.703	-5.4	111	0.00
7	T	Trichlorofluoromethane	50.000	58.171	-16.3	121	0.00
8	T	Diethyl Ether	50.000	52.996	-6.0	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.849	-7.7	115	0.00
10	T	Methyl Iodide	50.000	51.412	-2.8	105	-0.01
11	T	Tert butyl alcohol	250.000	274.533	-9.8	104	0.00
12	CM	1,1-Dichloroethene	50.000	55.214	-10.4#	118	0.00
13	T	Acrolein	250.000	229.266	8.3	88	0.00
14	T	Allyl chloride	50.000	54.349	-8.7	110	0.00
15	T	Acrylonitrile	250.000	271.127	-8.5	103	0.00
16	T	Acetone	250.000	246.564	1.4	107	0.00
17	T	Carbon Disulfide	50.000	53.729	-7.5	111	0.00
18	T	Methyl Acetate	50.000	43.307	13.4	83	0.00
19	T	Methyl tert-butyl Ether	50.000	57.722	-15.4	113	0.00
20	T	Methylene Chloride	50.000	50.225	-0.5	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.053	-10.1	113	0.00
22	T	Diisopropyl ether	50.000	57.086	-14.2	113	0.00
23	T	Vinyl Acetate	250.000	306.466	-22.6	118	0.00
24	P	1,1-Dichloroethane	50.000	54.805	-9.6	113	0.00
25	T	2-Butanone	250.000	287.069	-14.8	106	0.00
26	T	2,2-Dichloropropane	50.000	48.927	2.1	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.781	-13.6	115	0.00
28	T	Bromochloromethane	50.000	49.494	1.0	100	0.00
29	T	Tetrahydrofuran	250.000	280.147	-12.1	105	0.00
30	C	Chloroform	50.000	55.464	-10.9#	113	0.00
31	T	Cyclohexane	50.000	55.699	-11.4	121	0.00
32	T	1,1,1-Trichloroethane	50.000	52.478	-5.0	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.615	0.8	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	50.447	-0.9	102	0.00
36	T	1,1-Dichloropropene	50.000	56.000	-12.0	117	0.00
37	T	Ethyl Acetate	50.000	55.601	-11.2	110	0.00
38	T	Carbon Tetrachloride	50.000	54.137	-8.3	114	0.00
39	T	Methylcyclohexane	50.000	57.733	-15.5	121	0.00
40	TM	Benzene	50.000	55.655	-11.3	114	0.00
41	T	Methacrylonitrile	50.000	57.986	-16.0	107	0.00
42	TM	1,2-Dichloroethane	50.000	54.689	-9.4	112	0.00
43	T	Isopropyl Acetate	50.000	58.317	-16.6	113	0.00
44	TM	Trichloroethene	50.000	52.184	-4.4	107	0.00
45	C	1,2-Dichloropropane	50.000	55.660	-11.3#	114	0.00
46	T	Dibromomethane	50.000	54.164	-8.3	108	0.00
47	T	Bromodichloromethane	50.000	55.767	-11.5	112	0.00
48	T	Methyl methacrylate	50.000	56.352	-12.7	110	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1067.503	-6.8	107	0.00
50	S	Toluene-d8	50.000	49.688	0.6	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.021	-10.8	105	0.00
52	CM	Toluene	50.000	55.837	-11.7#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	57.425	-14.8	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.940	-15.9	115	0.00
55	T	1,1,2-Trichloroethane	50.000	55.703	-11.4	112	0.00
56	T	Ethyl methacrylate	50.000	63.233	-26.5#	120	0.00
57	T	1,3-Dichloropropane	50.000	56.147	-12.3	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.225	-14.5	109	0.00
59	T	2-Hexanone	250.000	288.659	-15.5	106	0.00
60	T	Dibromochloromethane	50.000	55.259	-10.5	108	0.00
61	T	1,2-Dibromoethane	50.000	56.284	-12.6	112	0.00
62	S	4-Bromofluorobenzene	50.000	52.519	-5.0	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	49.626	0.7	104	0.00
65	PM	Chlorobenzene	50.000	54.673	-9.3	114	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.667	-5.3	106	0.00
67	C	Ethyl Benzene	50.000	57.412	-14.8#	117	0.00
68	T	m/p-Xylenes	100.000	111.672	-11.7	113	0.00
69	T	o-Xylene	50.000	56.547	-13.1	113	0.00
70	T	Styrene	50.000	57.903	-15.8	113	0.00
71	P	Bromoform	50.000	53.869	-7.7	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	58.747	-17.5	116	0.00
74	T	N-amyl acetate	50.000	64.412	-28.8#	120	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.817	-13.6	110	0.00
76	T	1,2,3-Trichloropropane	50.000	55.601	-11.2	107	0.00
77	T	Bromobenzene	50.000	57.177	-14.4	120	0.00
78	T	n-propylbenzene	50.000	58.111	-16.2	115	0.00
79	T	2-Chlorotoluene	50.000	58.535	-17.1	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.044	-18.1	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.885	-15.8	107	0.00
82	T	4-Chlorotoluene	50.000	57.422	-14.8	114	0.00
83	T	tert-Butylbenzene	50.000	57.219	-14.4	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.883	-15.8	115	0.00
85	T	sec-Butylbenzene	50.000	57.428	-14.9	113	0.00
86	T	p-Isopropyltoluene	50.000	57.580	-15.2	114	0.00
87	T	1,3-Dichlorobenzene	50.000	55.556	-11.1	112	0.00
88	T	1,4-Dichlorobenzene	50.000	54.010	-8.0	107	0.00
89	T	n-Butylbenzene	50.000	56.986	-14.0	113	0.00
90	T	Hexachloroethane	50.000	57.050	-14.1	113	0.00
91	T	1,2-Dichlorobenzene	50.000	54.478	-9.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.339	-10.7	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.187	-12.4	112	0.00
94	T	Hexachlorobutadiene	50.000	58.387	-16.8	127	0.00
95	T	Naphthalene	50.000	59.206	-18.4	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.192	-4.4	104	0.00

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