Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031864.D
Acq On : 16 Jul 2025 09:22
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 17 03:56:54 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	55.028	-10.1	120	0.01
3	P	Chloromethane	50.000	57.328	-14.7	125	0.00
4	C	Vinyl Chloride	50.000	57.659	-15.3#	121	0.00
5	T	Bromomethane	50.000	52.648	-5.3	112	0.00
6	T	Chloroethane	50.000	53.243	-6.5	112	0.00
7	T	Trichlorofluoromethane	50.000	57.250	-14.5	119	0.00
8	T	Diethyl Ether	50.000	54.461	-8.9	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.120	-8.2	115	0.00
10	T	Methyl Iodide	50.000	51.075	-2.2	105	0.00
11	T	Tert butyl alcohol	250.000	258.011	-3.2	98	0.00
12	CM	1,1-Dichloroethene	50.000	56.234	-12.5#	120	0.00
13	T	Acrolein	250.000	247.094	1.2	94	0.00
14	T	Allyl chloride	50.000	54.469	-8.9	111	0.00
15	T	Acrylonitrile	250.000	268.073	-7.2	102	0.00
16	T	Acetone	250.000	228.070	8.8	99	0.00
17	T	Carbon Disulfide	50.000	54.161	-8.3	112	0.00
18	T	Methyl Acetate	50.000	52.063	-4.1	100	0.00
19	T	Methyl tert-butyl Ether	50.000	57.079	-14.2	111	0.00
20	T	Methylene Chloride	50.000	54.067	-8.1	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.495	-11.0	114	0.00
22	T	Diisopropyl ether	50.000	58.795	-17.6	116	0.00
23	T	Vinyl Acetate	250.000	291.675	-16.7	113	0.00
24	P	1,1-Dichloroethane	50.000	56.131	-12.3	116	0.00
25	T	2-Butanone	250.000	277.440	-11.0	103	0.00
26	T	2,2-Dichloropropane	50.000	50.408	-0.8	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.309	-16.6	118	0.00
28	T	Bromochloromethane	50.000	53.782	-7.6	108	0.00
29	T	Tetrahydrofuran	250.000	276.587	-10.6	104	0.00
30	C	Chloroform	50.000	55.945	-11.9#	114	0.00
31	T	Cyclohexane	50.000	54.075	-8.2	117	0.00
32	T	1,1,1-Trichloroethane	50.000	52.988	-6.0	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.222	1.6	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	49.546	0.9	103	0.00
36	T	1,1-Dichloropropene	50.000	55.103	-10.2	117	0.00
37	T	Ethyl Acetate	50.000	53.561	-7.1	109	0.00
38	T	Carbon Tetrachloride	50.000	51.887	-3.8	111	0.00
39	T	Methylcyclohexane	50.000	55.883	-11.8	119	0.00
40	TM	Benzene	50.000	55.119	-10.2	115	0.00
41	T	Methacrylonitrile	50.000	54.012	-8.0	102	0.00
42	TM	1,2-Dichloroethane	50.000	53.294	-6.6	112	0.00
43	T	Isopropyl Acetate	50.000	55.267	-10.5	109	0.00
44	TM	Trichloroethene	50.000	53.152	-6.3	111	0.00
45	C	1,2-Dichloropropane	50.000	53.759	-7.5#	113	0.00
46	T	Dibromomethane	50.000	53.025	-6.0	109	0.00
47	T	Bromodichloromethane	50.000	55.026	-10.1	113	0.00
48	T	Methyl methacrylate	50.000	54.715	-9.4	109	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	1010.847	-1.1	104	0.00
50	S	Toluene-d8	50.000	49.561	0.9	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.814	-7.1	104	0.00
52	CM	Toluene	50.000	55.366	-10.7#	116	0.00
53	T	t-1,3-Dichloropropene	50.000	56.051	-12.1	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.665	-13.3	116	0.00
55	T	1,1,2-Trichloroethane	50.000	54.127	-8.3	112	0.00
56	T	Ethyl methacrylate	50.000	60.305	-20.6	117	0.00
57	T	1,3-Dichloropropane	50.000	54.864	-9.7	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.925	-5.2	103	0.00
59	T	2-Hexanone	250.000	277.831	-11.1	104	0.00
60	T	Dibromochloromethane	50.000	52.643	-5.3	105	0.00
61	T	1,2-Dibromoethane	50.000	54.170	-8.3	110	0.00
62	S	4-Bromofluorobenzene	50.000	51.987	-4.0	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	51.140	-2.3	106	0.00
65	PM	Chlorobenzene	50.000	55.463	-10.9	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.583	-11.2	111	0.00
67	C	Ethyl Benzene	50.000	56.416	-12.8#	114	0.00
68	T	m/p-Xylenes	100.000	111.898	-11.9	113	0.00
69	T	o-Xylene	50.000	57.473	-14.9	114	0.00
70	T	Styrene	50.000	56.172	-12.3	109	0.00
71	P	Bromoform	50.000	54.361	-8.7	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	58.775	-17.5	113	0.00
74	T	N-amyl acetate	50.000	62.864	-25.7#	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.908	-13.8	108	0.00
76	T	1,2,3-Trichloropropane	50.000	56.276	-12.6	105	0.00
77	T	Bromobenzene	50.000	58.990	-18.0	121	0.00
78	T	n-propylbenzene	50.000	59.674	-19.3	115	0.00
79	T	2-Chlorotoluene	50.000	59.962	-19.9	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.825	-19.7	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.591	-17.2	105	0.00
82	T	4-Chlorotoluene	50.000	57.857	-15.7	111	0.00
83	T	tert-Butylbenzene	50.000	60.408	-20.8	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.408	-16.8	113	0.00
85	T	sec-Butylbenzene	50.000	59.028	-18.1	113	0.00
86	T	p-Isopropyltoluene	50.000	61.112	-22.2	118	0.00
87	T	1,3-Dichlorobenzene	50.000	57.209	-14.4	112	0.00
88	T	1,4-Dichlorobenzene	50.000	55.665	-11.3	108	0.00
89	T	n-Butylbenzene	50.000	60.626	-21.3	117	0.00
90	T	Hexachloroethane	50.000	56.050	-12.1	108	0.00
91	T	1,2-Dichlorobenzene	50.000	56.287	-12.6	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.813	-7.6	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.414	-14.8	111	0.00
94	T	Hexachlorobutadiene	50.000	56.900	-13.8	120	0.00
95	T	Naphthalene	50.000	59.641	-19.3	111	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.469	-4.9	101	0.00

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