Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032232.D
Acq On : 22 Sep 2025 16:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 23 06:08:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	0.00
2	T	Dichlorodifluoromethane	50.000	41.024	18.0	79	0.00
3	P	Chloromethane	50.000	51.163	-2.3	94	0.00
4	C	Vinyl Chloride	50.000	52.301	-4.6#	96	0.00
5	T	Bromomethane	50.000	49.511	1.0	96	0.00
6	T	Chloroethane	50.000	53.992	-8.0	98	0.00
7	T	Trichlorofluoromethane	50.000	52.263	-4.5	88	0.00
8	T	Diethyl Ether	50.000	53.226	-6.5	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.944	-1.9	91	0.00
10	T	Methyl Iodide	50.000	49.204	1.6	91	0.00
11	T	Tert butyl alcohol	250.000	249.403	0.2	89	0.00
12	CM	1,1-Dichloroethene	50.000	50.017	-0.0#	89	0.00
13	T	Acrolein	250.000	39.286	84.3#	14	0.00
14	T	Allyl chloride	50.000	49.639	0.7	88	0.00
15	T	Acrylonitrile	250.000	262.326	-4.9	94	0.00
16	T	Acetone	250.000	251.402	-0.6	90	0.00
17	T	Carbon Disulfide	50.000	44.706	10.6	79	0.00
18	T	Methyl Acetate	50.000	61.742	-23.5	107	0.00
19	T	Methyl tert-butyl Ether	50.000	52.155	-4.3	90	0.00
20	T	Methylene Chloride	50.000	49.458	1.1	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.344	3.3	85	0.00
22	T	Diisopropyl ether	50.000	52.307	-4.6	90	0.00
23	T	Vinyl Acetate	250.000	250.978	-0.4	86	0.00
24	P	1,1-Dichloroethane	50.000	49.414	1.2	87	0.00
25	T	2-Butanone	250.000	260.831	-4.3	91	0.00
26	T	2,2-Dichloropropane	50.000	50.935	-1.9	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.199	1.6	86	0.00
28	T	Bromochloromethane	50.000	52.271	-4.5	95	0.00
29	T	Tetrahydrofuran	250.000	264.995	-6.0	94	0.00
30	C	Chloroform	50.000	50.597	-1.2#	89	0.00
31	T	Cyclohexane	50.000	45.093	9.8	83	0.00
32	T	1,1,1-Trichloroethane	50.000	49.683	0.6	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.340	-0.7	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	51.236	-2.5	95	0.00
36	T	1,1-Dichloropropene	50.000	48.560	2.9	83	0.00
37	T	Ethyl Acetate	50.000	52.496	-5.0	92	0.00
38	T	Carbon Tetrachloride	50.000	48.973	2.1	83	0.00
39	T	Methylcyclohexane	50.000	48.480	3.0	80	0.00
40	TM	Benzene	50.000	49.698	0.6	87	0.00
41	T	Methacrylonitrile	50.000	52.229	-4.5	95	0.00
42	TM	1,2-Dichloroethane	50.000	50.803	-1.6	90	0.00
43	T	Isopropyl Acetate	50.000	51.649	-3.3	89	0.00
44	TM	Trichloroethene	50.000	47.982	4.0	86	0.00
45	C	1,2-Dichloropropane	50.000	51.112	-2.2#	89	0.00
46	T	Dibromomethane	50.000	50.257	-0.5	91	0.00
47	T	Bromodichloromethane	50.000	50.961	-1.9	88	0.00
48	T	Methyl methacrylate	50.000	53.278	-6.6	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1006.989	-0.7	88	0.00
50	S	Toluene-d8	50.000	50.596	-1.2	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.762	-11.1	96	0.00
52	CM	Toluene	50.000	49.887	0.2#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	52.253	-4.5	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.263	-0.5	85	0.00
55	T	1,1,2-Trichloroethane	50.000	50.184	-0.4	92	0.00
56	T	Ethyl methacrylate	50.000	53.306	-6.6	88	0.00
57	T	1,3-Dichloropropane	50.000	51.164	-2.3	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.601	-13.4	102	0.00
59	T	2-Hexanone	250.000	278.653	-11.5	95	0.00
60	T	Dibromochloromethane	50.000	51.371	-2.7	88	0.00
61	T	1,2-Dibromoethane	50.000	51.010	-2.0	89	0.00
62	S	4-Bromofluorobenzene	50.000	50.823	-1.6	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	45.002	10.0	82	0.00
65	PM	Chlorobenzene	50.000	47.661	4.7	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.645	2.7	89	0.00
67	C	Ethyl Benzene	50.000	50.056	-0.1#	90	0.00
68	T	m/p-Xylenes	100.000	98.587	1.4	87	0.00
69	T	o-Xylene	50.000	48.411	3.2	85	0.00
70	T	Styrene	50.000	50.703	-1.4	90	0.00
71	P	Bromoform	50.000	47.767	4.5	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	51.070	-2.1	88	0.00
74	T	N-amyl acetate	50.000	51.189	-2.4	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.997	-4.0	95	0.00
76	T	1,2,3-Trichloropropane	50.000	48.076	3.8	91	0.00
77	T	Bromobenzene	50.000	49.914	0.2	88	0.00
78	T	n-propylbenzene	50.000	51.402	-2.8	89	0.00
79	T	2-Chlorotoluene	50.000	50.137	-0.3	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.114	-4.2	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.042	-8.1	93	0.00
82	T	4-Chlorotoluene	50.000	49.213	1.6	85	0.00
83	T	tert-Butylbenzene	50.000	52.054	-4.1	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.392	-0.8	86	0.00
85	T	sec-Butylbenzene	50.000	52.065	-4.1	88	0.00
86	T	p-Isopropyltoluene	50.000	50.831	-1.7	86	0.00
87	T	1,3-Dichlorobenzene	50.000	48.267	3.5	85	0.00
88	T	1,4-Dichlorobenzene	50.000	47.267	5.5	87	0.00
89	T	n-Butylbenzene	50.000	52.162	-4.3	88	0.00
90	T	Hexachloroethane	50.000	50.418	-0.8	90	0.00
91	T	1,2-Dichlorobenzene	50.000	51.127	-2.3	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.872	-5.7	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.844	6.3	81	0.00
94	T	Hexachlorobutadiene	50.000	42.971	14.1	73	0.00
95	T	Naphthalene	50.000	51.625	-3.3	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.624	4.8	87	0.00

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