Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032223.D
Acq On : 22 Sep 2025 08:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 23 10:28:18 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	43.482	13.0	89	0.00
3	P	Chloromethane	50.000	48.689	2.6	96	0.00
4	C	Vinyl Chloride	50.000	52.807	-5.6#	104	0.00
5	T	Bromomethane	50.000	49.371	1.3	103	0.00
6	T	Chloroethane	50.000	53.541	-7.1	104	0.00
7	T	Trichlorofluoromethane	50.000	58.246	-16.5	104	0.00
8	T	Diethyl Ether	50.000	46.421	7.2	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.713	-1.4	98	0.00
10	T	Methyl Iodide	50.000	48.471	3.1	96	0.00
11	T	Tert butyl alcohol	250.000	209.926	16.0	80	0.00
12	CM	1,1-Dichloroethene	50.000	50.373	-0.7#	96	0.00
13	T	Acrolein	250.000	40.430	83.8#	16	0.00
14	T	Allyl chloride	50.000	48.876	2.2	92	0.00
15	T	Acrylonitrile	250.000	236.502	5.4	91	0.00
16	T	Acetone	250.000	245.486	1.8	94	0.00
17	T	Carbon Disulfide	50.000	45.994	8.0	87	0.00
18	T	Methyl Acetate	50.000	54.518	-9.0	101	0.00
19	T	Methyl tert-butyl Ether	50.000	48.951	2.1	90	0.00
20	T	Methylene Chloride	50.000	45.426	9.1	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.095	5.8	88	0.00
22	T	Diisopropyl ether	50.000	50.750	-1.5	94	0.00
23	T	Vinyl Acetate	250.000	233.539	6.6	85	0.00
24	P	1,1-Dichloroethane	50.000	48.010	4.0	90	0.00
25	T	2-Butanone	250.000	235.671	5.7	88	0.00
26	T	2,2-Dichloropropane	50.000	53.907	-7.8	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.604	6.8	88	0.00
28	T	Bromochloromethane	50.000	50.912	-1.8	99	0.00
29	T	Tetrahydrofuran	250.000	240.845	3.7	91	0.00
30	C	Chloroform	50.000	48.237	3.5#	91	0.00
31	T	Cyclohexane	50.000	45.381	9.2	90	0.00
32	T	1,1,1-Trichloroethane	50.000	50.223	-0.4	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.447	5.1	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	49.005	2.0	96	0.00
36	T	1,1-Dichloropropene	50.000	49.993	0.0	90	0.00
37	T	Ethyl Acetate	50.000	48.061	3.9	89	0.00
38	T	Carbon Tetrachloride	50.000	50.685	-1.4	91	0.00
39	T	Methylcyclohexane	50.000	48.722	2.6	85	0.00
40	TM	Benzene	50.000	49.012	2.0	91	0.00
41	T	Methacrylonitrile	50.000	47.156	5.7	91	0.00
42	TM	1,2-Dichloroethane	50.000	48.406	3.2	90	0.00
43	T	Isopropyl Acetate	50.000	47.824	4.4	87	0.00
44	TM	Trichloroethene	50.000	46.081	7.8	87	0.00
45	C	1,2-Dichloropropane	50.000	48.709	2.6#	89	0.00
46	T	Dibromomethane	50.000	48.843	2.3	93	0.00
47	T	Bromodichloromethane	50.000	49.462	1.1	90	0.00
48	T	Methyl methacrylate	50.000	49.476	1.0	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	931.121	6.9	86	0.00
50	S	Toluene-d8	50.000	47.953	4.1	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.883	0.4	91	0.00
52	CM	Toluene	50.000	48.921	2.2#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	50.033	-0.1	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.859	0.3	89	0.00
55	T	1,1,2-Trichloroethane	50.000	48.665	2.7	94	0.00
56	T	Ethyl methacrylate	50.000	49.278	1.4	86	0.00
57	T	1,3-Dichloropropane	50.000	48.306	3.4	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	269.232	-7.7	102	0.00
59	T	2-Hexanone	250.000	255.356	-2.1	92	0.00
60	T	Dibromochloromethane	50.000	48.765	2.5	88	0.00
61	T	1,2-Dibromoethane	50.000	47.392	5.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	47.698	4.6	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	45.264	9.5	85	0.00
65	PM	Chlorobenzene	50.000	46.483	7.0	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.577	0.8	93	0.00
67	C	Ethyl Benzene	50.000	48.621	2.8#	90	0.00
68	T	m/p-Xylenes	100.000	97.229	2.8	88	0.00
69	T	o-Xylene	50.000	49.166	1.7	89	0.00
70	T	Styrene	50.000	49.003	2.0	89	0.00
71	P	Bromoform	50.000	48.129	3.7	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.170	-0.3	89	0.00
74	T	N-amyl acetate	50.000	48.145	3.7	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.954	2.1	92	0.00
76	T	1,2,3-Trichloropropane	50.000	53.909	-7.8	105	0.00
77	T	Bromobenzene	50.000	47.861	4.3	86	0.00
78	T	n-propylbenzene	50.000	53.230	-6.5	95	0.00
79	T	2-Chlorotoluene	50.000	49.264	1.5	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.195	-0.4	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.973	-3.9	92	0.00
82	T	4-Chlorotoluene	50.000	49.156	1.7	87	0.00
83	T	tert-Butylbenzene	50.000	51.174	-2.3	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.466	-0.9	88	0.00
85	T	sec-Butylbenzene	50.000	51.989	-4.0	90	0.00
86	T	p-Isopropyltoluene	50.000	50.059	-0.1	87	0.00
87	T	1,3-Dichlorobenzene	50.000	46.689	6.6	85	0.00
88	T	1,4-Dichlorobenzene	50.000	48.657	2.7	92	0.00
89	T	n-Butylbenzene	50.000	51.936	-3.9	91	0.00
90	T	Hexachloroethane	50.000	50.065	-0.1	92	0.00
91	T	1,2-Dichlorobenzene	50.000	48.905	2.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.636	6.7	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.522	9.0	81	0.00
94	T	Hexachlorobutadiene	50.000	42.180	15.6	74	0.00
95	T	Naphthalene	50.000	47.151	5.7	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.501	7.0	87	0.00

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