Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023393.D
Acq On : 08 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 09 03:05:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	43.718	12.6	97	0.00
3	P	Chloromethane	50.000	47.400	5.2	102	0.00
4	C	Vinyl Chloride	50.000	47.020	6.0#	99	0.00
5	T	Bromomethane	50.000	46.385	7.2	105	0.00
6	T	Chloroethane	50.000	48.587	2.8	101	0.00
7	T	Trichlorofluoromethane	50.000	46.078	7.8	96	0.00
8	T	Diethyl Ether	50.000	48.606	2.8	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.912	6.2	98	0.00
10	T	Methyl Iodide	50.000	52.686	-5.4	99	0.00
11	T	Tert butyl alcohol	250.000	221.296	11.5	109	0.00
12	CM	1,1-Dichloroethene	50.000	47.962	4.1#	99	0.00
13	T	Acrolein	250.000	231.490	7.4	96	0.00
14	T	Allyl chloride	50.000	49.261	1.5	101	0.00
15	T	Acrylonitrile	250.000	244.870	2.1	105	0.00
16	T	Acetone	250.000	254.975	-2.0	120	0.00
17	T	Carbon Disulfide	50.000	47.948	4.1	99	0.00
18	T	Methyl Acetate	50.000	50.289	-0.6	106	0.00
19	T	Methyl tert-butyl Ether	50.000	51.311	-2.6	107	0.00
20	T	Methylene Chloride	50.000	45.641	8.7	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.763	2.5	101	0.00
22	T	Diisopropyl ether	50.000	50.250	-0.5	103	0.00
23	T	Vinyl Acetate	250.000	252.980	-1.2	104	0.00
24	P	1,1-Dichloroethane	50.000	48.739	2.5	101	0.00
25	T	2-Butanone	250.000	239.970	4.0	110	0.00
26	T	2,2-Dichloropropane	50.000	49.332	1.3	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.537	-1.1	105	0.00
28	T	Bromochloromethane	50.000	45.083	9.8	99	0.00
29	T	Tetrahydrofuran	250.000	241.924	3.2	104	0.00
30	C	Chloroform	50.000	48.926	2.1#	101	0.00
31	T	Cyclohexane	50.000	45.748	8.5	98	0.00
32	T	1,1,1-Trichloroethane	50.000	48.687	2.6	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.915	2.2	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	49.038	1.9	102	0.00
36	T	1,1-Dichloropropene	50.000	48.451	3.1	100	0.00
37	T	Ethyl Acetate	50.000	48.044	3.9	104	0.00
38	T	Carbon Tetrachloride	50.000	48.044	3.9	100	0.00
39	T	Methylcyclohexane	50.000	48.881	2.2	99	0.00
40	TM	Benzene	50.000	48.862	2.3	101	0.00
41	T	Methacrylonitrile	50.000	46.669	6.7	103	0.00
42	TM	1,2-Dichloroethane	50.000	47.947	4.1	102	0.00
43	T	Isopropyl Acetate	50.000	48.591	2.8	105	0.00
44	TM	Trichloroethene	50.000	47.481	5.0	99	0.00
45	C	1,2-Dichloropropane	50.000	49.376	1.2#	104	0.00
46	T	Dibromomethane	50.000	48.775	2.5	102	0.00
47	T	Bromodichloromethane	50.000	48.935	2.1	102	0.00
48	T	Methyl methacrylate	50.000	48.640	2.7	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	980.438	2.0	104	0.00
50	S	Toluene-d8	50.000	48.411	3.2	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.644	-0.7	106	0.00
52	CM	Toluene	50.000	49.636	0.7#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	50.188	-0.4	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.507	-1.0	105	0.00
55	T	1,1,2-Trichloroethane	50.000	49.263	1.5	104	0.00
56	T	Ethyl methacrylate	50.000	52.117	-4.2	106	0.00
57	T	1,3-Dichloropropane	50.000	49.494	1.0	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.784	-6.7	105	0.00
59	T	2-Hexanone	250.000	252.310	-0.9	109	0.00
60	T	Dibromochloromethane	50.000	49.521	1.0	104	0.00
61	T	1,2-Dibromoethane	50.000	49.896	0.2	105	0.00
62	S	4-Bromofluorobenzene	50.000	48.734	2.5	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	45.211	9.6	90	0.00
65	PM	Chlorobenzene	50.000	49.741	0.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.465	1.1	104	0.00
67	C	Ethyl Benzene	50.000	50.170	-0.3#	101	0.00
68	T	m/p-Xylenes	100.000	101.299	-1.3	101	0.00
69	T	o-Xylene	50.000	50.957	-1.9	102	0.00
70	T	Styrene	50.000	51.696	-3.4	103	0.00
71	P	Bromoform	50.000	49.479	1.0	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	50.066	-0.1	101	0.00
74	T	N-amyl acetate	50.000	50.405	-0.8	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.696	-1.4	111	0.00
76	T	1,2,3-Trichloropropane	50.000	42.920	14.2	89	0.00
77	T	Bromobenzene	50.000	49.110	1.8	103	0.00
78	T	n-propylbenzene	50.000	50.653	-1.3	101	0.00
79	T	2-Chlorotoluene	50.000	49.535	0.9	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.308	-2.6	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.102	1.8	106	0.00
82	T	4-Chlorotoluene	50.000	49.498	1.0	102	0.00
83	T	tert-Butylbenzene	50.000	51.819	-3.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.057	-2.1	102	0.00
85	T	sec-Butylbenzene	50.000	50.042	-0.1	100	0.00
86	T	p-Isopropyltoluene	50.000	51.134	-2.3	101	0.00
87	T	1,3-Dichlorobenzene	50.000	48.785	2.4	102	0.00
88	T	1,4-Dichlorobenzene	50.000	48.846	2.3	103	0.00
89	T	n-Butylbenzene	50.000	51.066	-2.1	101	0.00
90	T	Hexachloroethane	50.000	49.006	2.0	103	0.00
91	T	1,2-Dichlorobenzene	50.000	49.252	1.5	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.217	3.6	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.305	-0.6	104	0.00
94	T	Hexachlorobutadiene	50.000	49.016	2.0	100	0.00
95	T	Naphthalene	50.000	50.675	-1.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.756	0.5	103	0.00

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