Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101325\
Data File : VY023447.D
Acq On : 13 Oct 2025 08:53
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 14 04:14:51 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	43.335	13.3	95	0.00
3	P	Chloromethane	50.000	42.376	15.2	91	0.00
4	C	Vinyl Chloride	50.000	43.937	12.1#	92	0.00
5	T	Bromomethane	50.000	42.604	14.8	96	0.00
6	T	Chloroethane	50.000	46.667	6.7	96	0.00
7	T	Trichlorofluoromethane	50.000	45.608	8.8	94	0.00
8	T	Diethyl Ether	50.000	46.089	7.8	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.961	4.1	99	0.00
10	T	Methyl Iodide	50.000	55.157	-10.3	103	0.00
11	T	Tert butyl alcohol	250.000	199.851	20.1	98	0.00
12	CM	1,1-Dichloroethene	50.000	46.987	6.0#	96	0.00
13	T	Acrolein	250.000	149.009	40.4#	61	0.01
14	T	Allyl chloride	50.000	46.525	7.0	94	0.00
15	T	Acrylonitrile	250.000	237.401	5.0	101	0.00
16	T	Acetone	250.000	261.914	-4.8	122	0.00
17	T	Carbon Disulfide	50.000	47.320	5.4	97	0.00
18	T	Methyl Acetate	50.000	49.404	1.2	103	0.00
19	T	Methyl tert-butyl Ether	50.000	48.713	2.6	101	0.00
20	T	Methylene Chloride	50.000	43.716	12.6	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.771	2.5	100	0.01
22	T	Diisopropyl ether	50.000	48.582	2.8	99	0.00
23	T	Vinyl Acetate	250.000	236.273	5.5	97	0.00
24	P	1,1-Dichloroethane	50.000	48.262	3.5	99	0.00
25	T	2-Butanone	250.000	240.765	3.7	109	0.00
26	T	2,2-Dichloropropane	50.000	49.239	1.5	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.684	0.6	102	0.00
28	T	Bromochloromethane	50.000	44.272	11.5	97	0.00
29	T	Tetrahydrofuran	250.000	232.628	6.9	99	0.00
30	C	Chloroform	50.000	49.331	1.3#	102	0.00
31	T	Cyclohexane	50.000	44.526	10.9	95	0.00
32	T	1,1,1-Trichloroethane	50.000	48.530	2.9	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.448	9.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	48.710	2.6	97	0.00
36	T	1,1-Dichloropropene	50.000	50.513	-1.0	100	0.00
37	T	Ethyl Acetate	50.000	46.250	7.5	96	0.00
38	T	Carbon Tetrachloride	50.000	49.915	0.2	99	0.00
39	T	Methylcyclohexane	50.000	50.375	-0.8	97	0.00
40	TM	Benzene	50.000	50.589	-1.2	100	0.00
41	T	Methacrylonitrile	50.000	49.622	0.8	104	0.00
42	TM	1,2-Dichloroethane	50.000	49.306	1.4	100	0.01
43	T	Isopropyl Acetate	50.000	47.444	5.1	97	0.00
44	TM	Trichloroethene	50.000	50.575	-1.2	100	0.00
45	C	1,2-Dichloropropane	50.000	50.544	-1.1#	101	0.00
46	T	Dibromomethane	50.000	50.599	-1.2	101	0.00
47	T	Bromodichloromethane	50.000	50.554	-1.1	101	0.00
48	T	Methyl methacrylate	50.000	47.976	4.0	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	943.598	5.6	96	0.00
50	S	Toluene-d8	50.000	48.538	2.9	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.195	-0.5	101	0.00
52	CM	Toluene	50.000	51.487	-3.0#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	50.541	-1.1	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.171	-2.3	101	0.00
55	T	1,1,2-Trichloroethane	50.000	50.789	-1.6	102	0.00
56	T	Ethyl methacrylate	50.000	51.052	-2.1	98	0.00
57	T	1,3-Dichloropropane	50.000	50.549	-1.1	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.622	-3.4	97	0.00
59	T	2-Hexanone	250.000	257.254	-2.9	105	0.00
60	T	Dibromochloromethane	50.000	51.544	-3.1	103	0.00
61	T	1,2-Dibromoethane	50.000	50.850	-1.7	101	0.00
62	S	4-Bromofluorobenzene	50.000	48.654	2.7	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	51.532	-3.1	100	0.00
65	PM	Chlorobenzene	50.000	49.725	0.5	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.305	-0.6	103	0.00
67	C	Ethyl Benzene	50.000	51.130	-2.3#	100	0.00
68	T	m/p-Xylenes	100.000	103.852	-3.9	100	0.00
69	T	o-Xylene	50.000	51.705	-3.4	101	0.00
70	T	Styrene	50.000	52.206	-4.4	101	0.00
71	P	Bromoform	50.000	49.909	0.2	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	52.216	-4.4	101	0.00
74	T	N-amyl acetate	50.000	47.810	4.4	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.800	2.4	102	0.00
76	T	1,2,3-Trichloropropane	50.000	47.791	4.4	95	0.00
77	T	Bromobenzene	50.000	50.656	-1.3	102	0.00
78	T	n-propylbenzene	50.000	52.689	-5.4	101	0.00
79	T	2-Chlorotoluene	50.000	50.854	-1.7	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.908	-5.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.107	-0.2	104	0.00
82	T	4-Chlorotoluene	50.000	51.311	-2.6	101	0.00
83	T	tert-Butylbenzene	50.000	51.842	-3.7	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.627	-5.3	100	0.00
85	T	sec-Butylbenzene	50.000	52.706	-5.4	101	0.00
86	T	p-Isopropyltoluene	50.000	52.959	-5.9	100	0.00
87	T	1,3-Dichlorobenzene	50.000	50.329	-0.7	101	0.00
88	T	1,4-Dichlorobenzene	50.000	49.547	0.9	100	0.00
89	T	n-Butylbenzene	50.000	52.402	-4.8	99	0.00
90	T	Hexachloroethane	50.000	50.142	-0.3	101	0.00
91	T	1,2-Dichlorobenzene	50.000	50.228	-0.5	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.371	9.3	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.424	3.2	96	0.00
94	T	Hexachlorobutadiene	50.000	49.305	1.4	96	0.00
95	T	Naphthalene	50.000	47.293	5.4	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.760	4.5	95	0.00

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