Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023456.D
Acq On : 14 Oct 2025 11:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 03:24:19 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	43.202	13.6	94	0.00
3	P	Chloromethane	50.000	42.558	14.9	90	0.00
4	C	Vinyl Chloride	50.000	44.513	11.0#	92	0.00
5	T	Bromomethane	50.000	43.638	12.7	97	0.00
6	T	Chloroethane	50.000	46.566	6.9	95	0.00
7	T	Trichlorofluoromethane	50.000	45.679	8.6	93	0.00
8	T	Diethyl Ether	50.000	44.671	10.7	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.040	3.9	98	0.00
10	T	Methyl Iodide	50.000	50.981	-2.0	94	0.01
11	T	Tert butyl alcohol	250.000	211.390	15.4	102	0.00
12	CM	1,1-Dichloroethene	50.000	46.916	6.2#	95	0.00
13	T	Acrolein	250.000	128.493	48.6#	52	0.00
14	T	Allyl chloride	50.000	46.523	7.0	93	0.01
15	T	Acrylonitrile	250.000	224.609	10.2	95	0.00
16	T	Acetone	250.000	226.315	9.5	104	0.00
17	T	Carbon Disulfide	50.000	46.628	6.7	94	0.00
18	T	Methyl Acetate	50.000	46.956	6.1	97	0.00
19	T	Methyl tert-butyl Ether	50.000	46.284	7.4	94	0.00
20	T	Methylene Chloride	50.000	42.404	15.2	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.673	4.7	96	0.01
22	T	Diisopropyl ether	50.000	47.611	4.8	95	0.00
23	T	Vinyl Acetate	250.000	229.609	8.2	93	0.00
24	P	1,1-Dichloroethane	50.000	47.394	5.2	96	0.00
25	T	2-Butanone	250.000	217.573	13.0	97	0.00
26	T	2,2-Dichloropropane	50.000	48.846	2.3	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.902	4.2	97	0.00
28	T	Bromochloromethane	50.000	43.977	12.0	95	0.00
29	T	Tetrahydrofuran	250.000	217.065	13.2	91	0.00
30	C	Chloroform	50.000	47.867	4.3#	97	0.00
31	T	Cyclohexane	50.000	44.658	10.7	94	0.00
32	T	1,1,1-Trichloroethane	50.000	48.593	2.8	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.418	7.2	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	50.075	-0.2	97	0.00
36	T	1,1-Dichloropropene	50.000	50.717	-1.4	98	0.00
37	T	Ethyl Acetate	50.000	45.807	8.4	92	0.00
38	T	Carbon Tetrachloride	50.000	50.989	-2.0	98	0.00
39	T	Methylcyclohexane	50.000	50.800	-1.6	96	0.00
40	TM	Benzene	50.000	49.775	0.5	96	0.00
41	T	Methacrylonitrile	50.000	45.950	8.1	94	0.01
42	TM	1,2-Dichloroethane	50.000	48.053	3.9	95	0.01
43	T	Isopropyl Acetate	50.000	46.010	8.0	92	0.00
44	TM	Trichloroethene	50.000	49.212	1.6	95	0.00
45	C	1,2-Dichloropropane	50.000	49.659	0.7#	97	0.00
46	T	Dibromomethane	50.000	49.494	1.0	97	0.00
47	T	Bromodichloromethane	50.000	50.101	-0.2	97	0.00
48	T	Methyl methacrylate	50.000	48.406	3.2	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	886.767	11.3	88	0.00
50	S	Toluene-d8	50.000	50.958	-1.9	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.124	4.0	94	0.00
52	CM	Toluene	50.000	51.209	-2.4#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	49.363	1.3	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.892	0.2	96	0.00
55	T	1,1,2-Trichloroethane	50.000	48.882	2.2	96	0.00
56	T	Ethyl methacrylate	50.000	50.154	-0.3	95	0.00
57	T	1,3-Dichloropropane	50.000	49.116	1.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.659	-0.3	92	0.00
59	T	2-Hexanone	250.000	238.172	4.7	95	0.00
60	T	Dibromochloromethane	50.000	50.203	-0.4	98	0.00
61	T	1,2-Dibromoethane	50.000	48.445	3.1	94	0.00
62	S	4-Bromofluorobenzene	50.000	49.063	1.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	48.934	2.1	92	0.00
65	PM	Chlorobenzene	50.000	49.480	1.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.099	-0.2	99	0.00
67	C	Ethyl Benzene	50.000	51.310	-2.6#	97	0.00
68	T	m/p-Xylenes	100.000	103.851	-3.9	97	0.00
69	T	o-Xylene	50.000	51.130	-2.3	96	0.00
70	T	Styrene	50.000	52.918	-5.8	99	0.00
71	P	Bromoform	50.000	48.493	3.0	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	51.870	-3.7	98	0.00
74	T	N-amyl acetate	50.000	47.016	6.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.117	3.8	99	0.00
76	T	1,2,3-Trichloropropane	50.000	44.779	10.4	87	0.00
77	T	Bromobenzene	50.000	48.960	2.1	97	0.00
78	T	n-propylbenzene	50.000	52.349	-4.7	98	0.00
79	T	2-Chlorotoluene	50.000	50.527	-1.1	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.018	-4.0	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.350	5.3	96	0.00
82	T	4-Chlorotoluene	50.000	51.029	-2.1	98	0.00
83	T	tert-Butylbenzene	50.000	51.716	-3.4	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.134	-4.3	97	0.00
85	T	sec-Butylbenzene	50.000	52.621	-5.2	98	0.00
86	T	p-Isopropyltoluene	50.000	52.317	-4.6	97	0.00
87	T	1,3-Dichlorobenzene	50.000	49.387	1.2	97	0.00
88	T	1,4-Dichlorobenzene	50.000	48.928	2.1	97	0.00
89	T	n-Butylbenzene	50.000	52.432	-4.9	97	0.00
90	T	Hexachloroethane	50.000	51.176	-2.4	101	0.00
91	T	1,2-Dichlorobenzene	50.000	48.570	2.9	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.321	9.4	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.435	5.1	92	0.00
94	T	Hexachlorobutadiene	50.000	48.188	3.6	92	0.00
95	T	Naphthalene	50.000	46.083	7.8	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.544	6.9	90	0.00

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