Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
Data File : VY023355.D
Acq On : 12 Sep 2025 08:57
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: Sep 12 23:56:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 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	41.423	17.2	89	0.00
3	P	Chloromethane	50.000	44.619	10.8	94	0.00
4	C	Vinyl Chloride	50.000	46.146	7.7#	94	0.01
5	T	Bromomethane	50.000	45.917	8.2	100	0.00
6	T	Chloroethane	50.000	47.000	6.0	96	0.01
7	T	Trichlorofluoromethane	50.000	47.502	5.0	98	0.00
8	T	Diethyl Ether	50.000	45.633	8.7	90	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.144	9.7	92	0.01
10	T	Methyl Iodide	50.000	47.496	5.0	87	0.00
11	T	Tert butyl alcohol	250.000	211.989	15.2	86	0.00
12	CM	1,1-Dichloroethene	50.000	45.895	8.2#	92	0.00
13	T	Acrolein	250.000	146.546	41.4#	61	0.00
14	T	Allyl chloride	50.000	44.769	10.5	88	0.00
15	T	Acrylonitrile	250.000	218.701	12.5	87	0.01
16	T	Acetone	250.000	253.438	-1.4	99	0.00
17	T	Carbon Disulfide	50.000	44.720	10.6	90	0.00
18	T	Methyl Acetate	50.000	43.737	12.5	90	0.00
19	T	Methyl tert-butyl Ether	50.000	46.440	7.1	90	0.01
20	T	Methylene Chloride	50.000	45.674	8.7	95	0.01
21	T	trans-1,2-Dichloroethene	50.000	47.452	5.1	94	0.01
22	T	Diisopropyl ether	50.000	46.658	6.7	90	0.00
23	T	Vinyl Acetate	250.000	227.583	9.0	87	0.00
24	P	1,1-Dichloroethane	50.000	46.074	7.9	93	0.00
25	T	2-Butanone	250.000	235.800	5.7	93	0.00
26	T	2,2-Dichloropropane	50.000	47.558	4.9	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.817	4.4	94	0.00
28	T	Bromochloromethane	50.000	41.514	17.0	84	0.00
29	T	Tetrahydrofuran	250.000	217.496	13.0	85	0.00
30	C	Chloroform	50.000	46.957	6.1#	95	0.00
31	T	Cyclohexane	50.000	43.460	13.1	90	0.00
32	T	1,1,1-Trichloroethane	50.000	47.318	5.4	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.396	7.2	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	49.556	0.9	94	0.00
36	T	1,1-Dichloropropene	50.000	48.241	3.5	92	0.00
37	T	Ethyl Acetate	50.000	45.240	9.5	87	0.00
38	T	Carbon Tetrachloride	50.000	48.385	3.2	93	0.00
39	T	Methylcyclohexane	50.000	48.782	2.4	91	0.00
40	TM	Benzene	50.000	48.928	2.1	94	0.00
41	T	Methacrylonitrile	50.000	50.185	-0.4	96	0.00
42	TM	1,2-Dichloroethane	50.000	46.809	6.4	91	0.00
43	T	Isopropyl Acetate	50.000	45.131	9.7	85	0.00
44	TM	Trichloroethene	50.000	49.536	0.9	95	0.00
45	C	1,2-Dichloropropane	50.000	48.419	3.2#	94	0.00
46	T	Dibromomethane	50.000	47.592	4.8	91	0.00
47	T	Bromodichloromethane	50.000	48.732	2.5	93	0.00
48	T	Methyl methacrylate	50.000	45.999	8.0	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	955.645	4.4	92	0.00
50	S	Toluene-d8	50.000	51.032	-2.1	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.372	5.5	87	0.00
52	CM	Toluene	50.000	50.715	-1.4#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	49.261	1.5	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.052	1.9	92	0.00
55	T	1,1,2-Trichloroethane	50.000	48.494	3.0	93	0.00
56	T	Ethyl methacrylate	50.000	50.086	-0.2	89	0.00
57	T	1,3-Dichloropropane	50.000	47.955	4.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.492	-2.6	89	0.00
59	T	2-Hexanone	250.000	249.751	0.1	92	0.00
60	T	Dibromochloromethane	50.000	49.380	1.2	94	0.00
61	T	1,2-Dibromoethane	50.000	49.115	1.8	94	0.00
62	S	4-Bromofluorobenzene	50.000	51.470	-2.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	52.729	-5.5	100	0.00
65	PM	Chlorobenzene	50.000	48.656	2.7	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.935	2.1	94	0.00
67	C	Ethyl Benzene	50.000	50.338	-0.7#	93	0.00
68	T	m/p-Xylenes	100.000	102.532	-2.5	95	0.00
69	T	o-Xylene	50.000	50.609	-1.2	93	0.00
70	T	Styrene	50.000	51.418	-2.8	93	0.00
71	P	Bromoform	50.000	48.578	2.8	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.002	-0.0	94	0.00
74	T	N-amyl acetate	50.000	46.170	7.7	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.252	11.5	89	0.00
76	T	1,2,3-Trichloropropane	50.000	46.257	7.5	90	0.00
77	T	Bromobenzene	50.000	48.733	2.5	94	0.00
78	T	n-propylbenzene	50.000	49.784	0.4	93	0.00
79	T	2-Chlorotoluene	50.000	48.971	2.1	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.099	-0.2	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.448	7.1	92	0.00
82	T	4-Chlorotoluene	50.000	48.540	2.9	93	0.01
83	T	tert-Butylbenzene	50.000	50.047	-0.1	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.160	-2.3	95	0.00
85	T	sec-Butylbenzene	50.000	49.960	0.1	94	0.00
86	T	p-Isopropyltoluene	50.000	50.564	-1.1	93	0.00
87	T	1,3-Dichlorobenzene	50.000	48.617	2.8	94	0.00
88	T	1,4-Dichlorobenzene	50.000	47.749	4.5	94	0.00
89	T	n-Butylbenzene	50.000	49.928	0.1	92	0.00
90	T	Hexachloroethane	50.000	47.532	4.9	94	0.00
91	T	1,2-Dichlorobenzene	50.000	48.475	3.0	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.535	10.9	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.163	1.7	93	0.00
94	T	Hexachlorobutadiene	50.000	49.408	1.2	96	0.00
95	T	Naphthalene	50.000	49.384	1.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.921	2.2	92	0.00

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