Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	39.661	20.7	76	0.00
3	P	Chloromethane	50.000	40.217	19.6	75	0.00
4	C	Vinyl Chloride	50.000	42.216	15.6#	77	0.00
5	T	Bromomethane	50.000	43.068	13.9	85	0.00
6	T	Chloroethane	50.000	45.255	9.5	82	0.00
7	T	Trichlorofluoromethane	50.000	44.941	10.1	81	0.00
8	T	Diethyl Ether	50.000	49.730	0.5	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.588	2.8	88	0.00
10	T	Methyl Iodide	50.000	55.987	-12.0	92	0.01
11	T	Tert butyl alcohol	250.000	243.906	2.4	105	0.00
12	CM	1,1-Dichloroethene	50.000	48.245	3.5#	87	0.00
13	T	Acrolein	250.000	61.212	75.5#	22	0.00
14	T	Allyl chloride	50.000	46.019	8.0	82	0.01
15	T	Acrylonitrile	250.000	252.444	-1.0	94	0.00
16	T	Acetone	250.000	184.839	26.1#	76	0.00
17	T	Carbon Disulfide	50.000	43.615	12.8	78	0.00
18	T	Methyl Acetate	50.000	62.245	-24.5	114	0.00
19	T	Methyl tert-butyl Ether	50.000	51.960	-3.9	94	0.00
20	T	Methylene Chloride	50.000	47.242	5.5	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.951	-1.9	91	0.01
22	T	Diisopropyl ether	50.000	50.063	-0.1	89	0.00
23	T	Vinyl Acetate	250.000	224.231	10.3	80	0.00
24	P	1,1-Dichloroethane	50.000	49.772	0.5	90	0.00
25	T	2-Butanone	250.000	217.718	12.9	87	0.00
26	T	2,2-Dichloropropane	50.000	47.627	4.7	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.358	-6.7	96	0.00
28	T	Bromochloromethane	50.000	43.934	12.1	84	0.00
29	T	Tetrahydrofuran	250.000	241.224	3.5	90	0.00
30	C	Chloroform	50.000	52.295	-4.6#	94	0.00
31	T	Cyclohexane	50.000	43.698	12.6	81	0.00
32	T	1,1,1-Trichloroethane	50.000	51.234	-2.5	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.364	7.3	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	50.055	-0.1	89	0.00
36	T	1,1-Dichloropropene	50.000	50.126	-0.3	89	0.00
37	T	Ethyl Acetate	50.000	46.950	6.1	87	0.00
38	T	Carbon Tetrachloride	50.000	51.133	-2.3	91	0.00
39	T	Methylcyclohexane	50.000	49.151	1.7	85	0.00
40	TM	Benzene	50.000	51.750	-3.5	92	0.00
41	T	Methacrylonitrile	50.000	48.731	2.5	92	0.00
42	TM	1,2-Dichloroethane	50.000	49.949	0.1	91	0.00
43	T	Isopropyl Acetate	50.000	48.273	3.5	89	0.00
44	TM	Trichloroethene	50.000	52.437	-4.9	93	0.00
45	C	1,2-Dichloropropane	50.000	52.426	-4.9#	94	0.00
46	T	Dibromomethane	50.000	53.491	-7.0	96	0.00
47	T	Bromodichloromethane	50.000	53.231	-6.5	95	0.00
48	T	Methyl methacrylate	50.000	49.312	1.4	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1029.589	-3.0	94	0.00
50	S	Toluene-d8	50.000	49.231	1.5	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.268	-2.5	92	0.00
52	CM	Toluene	50.000	53.602	-7.2#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	51.933	-3.9	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.164	-4.3	92	0.00
55	T	1,1,2-Trichloroethane	50.000	54.660	-9.3	99	0.00
56	T	Ethyl methacrylate	50.000	55.470	-10.9	96	0.00
57	T	1,3-Dichloropropane	50.000	53.336	-6.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.585	-13.0	95	0.00
59	T	2-Hexanone	250.000	243.040	2.8	89	0.00
60	T	Dibromochloromethane	50.000	55.230	-10.5	99	0.00
61	T	1,2-Dibromoethane	50.000	54.370	-8.7	97	0.00
62	S	4-Bromofluorobenzene	50.000	50.285	-0.6	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	54.866	-9.7	97	0.00
65	PM	Chlorobenzene	50.000	52.481	-5.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.979	-6.0	98	0.00
67	C	Ethyl Benzene	50.000	52.985	-6.0#	94	0.00
68	T	m/p-Xylenes	100.000	106.715	-6.7	94	0.00
69	T	o-Xylene	50.000	54.018	-8.0	95	0.00
70	T	Styrene	50.000	54.888	-9.8	96	0.00
71	P	Bromoform	50.000	53.216	-6.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	52.194	-4.4	94	0.00
74	T	N-amyl acetate	50.000	45.395	9.2	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.226	-0.5	99	0.00
76	T	1,2,3-Trichloropropane	50.000	45.858	8.3	85	0.00
77	T	Bromobenzene	50.000	51.369	-2.7	97	0.00
78	T	n-propylbenzene	50.000	52.451	-4.9	94	0.00
79	T	2-Chlorotoluene	50.000	51.649	-3.3	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.013	-6.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.823	2.4	95	0.00
82	T	4-Chlorotoluene	50.000	51.408	-2.8	95	0.00
83	T	tert-Butylbenzene	50.000	53.096	-6.2	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.080	-6.2	95	0.00
85	T	sec-Butylbenzene	50.000	52.508	-5.0	94	0.00
86	T	p-Isopropyltoluene	50.000	52.691	-5.4	93	0.00
87	T	1,3-Dichlorobenzene	50.000	51.020	-2.0	96	0.00
88	T	1,4-Dichlorobenzene	50.000	50.226	-0.5	95	0.00
89	T	n-Butylbenzene	50.000	51.258	-2.5	91	0.00
90	T	Hexachloroethane	50.000	50.494	-1.0	95	0.00
91	T	1,2-Dichlorobenzene	50.000	51.357	-2.7	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.303	7.4	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.700	2.6	90	0.00
94	T	Hexachlorobutadiene	50.000	48.065	3.9	88	0.00
95	T	Naphthalene	50.000	48.814	2.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.298	3.4	90	0.00

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