Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023712.D
Acq On : 10 Nov 2025 10:58
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: Nov 11 02:05:22 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	39.808	20.4	86	0.00
3	P	Chloromethane	50.000	43.155	13.7	91	0.00
4	C	Vinyl Chloride	50.000	43.011	14.0#	89	0.00
5	T	Bromomethane	50.000	39.299	21.4	87	0.00
6	T	Chloroethane	50.000	43.811	12.4	89	0.00
7	T	Trichlorofluoromethane	50.000	45.324	9.4	92	0.00
8	T	Diethyl Ether	50.000	42.419	15.2	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.709	0.6	101	0.00
10	T	Methyl Iodide	50.000	52.430	-4.9	96	0.00
11	T	Tert butyl alcohol	250.000	183.845	26.5#	89	0.00
12	CM	1,1-Dichloroethene	50.000	48.059	3.9#	97	0.00
13	T	Acrolein	250.000	112.617	55.0#	46	0.00
14	T	Allyl chloride	50.000	50.203	-0.4	100	0.00
15	T	Acrylonitrile	250.000	216.246	13.5	91	0.00
16	T	Acetone	250.000	213.105	14.8	98	0.00
17	T	Carbon Disulfide	50.000	52.244	-4.5	105	0.00
18	T	Methyl Acetate	50.000	35.233	29.5#	73	0.00
19	T	Methyl tert-butyl Ether	50.000	43.691	12.6	89	0.00
20	T	Methylene Chloride	50.000	43.417	13.2	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.090	-0.2	101	0.00
22	T	Diisopropyl ether	50.000	50.934	-1.9	102	0.00
23	T	Vinyl Acetate	250.000	240.104	4.0	97	0.00
24	P	1,1-Dichloroethane	50.000	50.238	-0.5	102	0.00
25	T	2-Butanone	250.000	204.334	18.3	91	0.00
26	T	2,2-Dichloropropane	50.000	50.044	-0.1	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.153	1.7	99	0.00
28	T	Bromochloromethane	50.000	52.318	-4.6	113	0.00
29	T	Tetrahydrofuran	250.000	203.724	18.5	85	0.00
30	C	Chloroform	50.000	50.337	-0.7#	102	0.00
31	T	Cyclohexane	50.000	50.393	-0.8	105	0.00
32	T	1,1,1-Trichloroethane	50.000	50.079	-0.2	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.977	4.0	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	51.124	-2.2	100	0.00
36	T	1,1-Dichloropropene	50.000	53.383	-6.8	104	0.00
37	T	Ethyl Acetate	50.000	45.830	8.3	93	0.00
38	T	Carbon Tetrachloride	50.000	52.234	-4.5	101	0.00
39	T	Methylcyclohexane	50.000	53.858	-7.7	102	0.00
40	TM	Benzene	50.000	52.579	-5.2	102	0.00
41	T	Methacrylonitrile	50.000	48.644	2.7	101	0.00
42	TM	1,2-Dichloroethane	50.000	48.823	2.4	98	0.00
43	T	Isopropyl Acetate	50.000	41.855	16.3	85	0.00
44	TM	Trichloroethene	50.000	49.568	0.9	97	0.00
45	C	1,2-Dichloropropane	50.000	52.179	-4.4#	103	0.00
46	T	Dibromomethane	50.000	48.199	3.6	95	0.00
47	T	Bromodichloromethane	50.000	50.355	-0.7	98	0.00
48	T	Methyl methacrylate	50.000	44.209	11.6	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	783.509	21.6	78	0.00
50	S	Toluene-d8	50.000	53.415	-6.8	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.668	12.9	86	0.00
52	CM	Toluene	50.000	52.843	-5.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	47.808	4.4	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.762	0.5	96	0.00
55	T	1,1,2-Trichloroethane	50.000	46.874	6.3	93	0.00
56	T	Ethyl methacrylate	50.000	45.667	8.7	87	0.00
57	T	1,3-Dichloropropane	50.000	48.173	3.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.065	9.6	83	0.00
59	T	2-Hexanone	250.000	212.305	15.1	85	0.00
60	T	Dibromochloromethane	50.000	47.231	5.5	93	0.00
61	T	1,2-Dibromoethane	50.000	45.839	8.3	90	0.00
62	S	4-Bromofluorobenzene	50.000	51.475	-3.0	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	51.602	-3.2	96	0.00
65	PM	Chlorobenzene	50.000	50.479	-1.0	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.523	1.0	97	0.00
67	C	Ethyl Benzene	50.000	53.662	-7.3#	100	0.00
68	T	m/p-Xylenes	100.000	106.916	-6.9	99	0.00
69	T	o-Xylene	50.000	51.716	-3.4	96	0.00
70	T	Styrene	50.000	52.302	-4.6	97	0.00
71	P	Bromoform	50.000	43.671	12.7	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	55.367	-10.7	99	0.00
74	T	N-amyl acetate	50.000	43.993	12.0	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.766	10.5	87	0.00
76	T	1,2,3-Trichloropropane	50.000	44.669	10.7	82	0.00
77	T	Bromobenzene	50.000	49.729	0.5	93	0.00
78	T	n-propylbenzene	50.000	56.448	-12.9	100	0.00
79	T	2-Chlorotoluene	50.000	54.779	-9.6	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.843	-11.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.644	6.7	89	0.00
82	T	4-Chlorotoluene	50.000	54.697	-9.4	99	0.00
83	T	tert-Butylbenzene	50.000	53.802	-7.6	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.191	-10.4	97	0.00
85	T	sec-Butylbenzene	50.000	55.235	-10.5	98	0.00
86	T	p-Isopropyltoluene	50.000	54.375	-8.8	95	0.00
87	T	1,3-Dichlorobenzene	50.000	50.440	-0.9	93	0.00
88	T	1,4-Dichlorobenzene	50.000	48.870	2.3	91	0.00
89	T	n-Butylbenzene	50.000	54.476	-9.0	95	0.00
90	T	Hexachloroethane	50.000	52.091	-4.2	97	0.00
91	T	1,2-Dichlorobenzene	50.000	48.781	2.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.103	19.8	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.133	13.7	79	0.00
94	T	Hexachlorobutadiene	50.000	46.656	6.7	84	0.00
95	T	Naphthalene	50.000	38.151	23.7	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.500	17.0	76	0.00

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