Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023405.D
Acq On : 08 Oct 2025 16:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 09 03:13:41 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	42.971	14.1	91	0.00
3	P	Chloromethane	50.000	44.872	10.3	93	0.00
4	C	Vinyl Chloride	50.000	46.391	7.2#	94	0.00
5	T	Bromomethane	50.000	43.931	12.1	95	0.00
6	T	Chloroethane	50.000	48.224	3.6	96	0.00
7	T	Trichlorofluoromethane	50.000	46.217	7.6	92	0.00
8	T	Diethyl Ether	50.000	46.287	7.4	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.507	7.0	93	0.00
10	T	Methyl Iodide	50.000	51.839	-3.7	93	0.00
11	T	Tert butyl alcohol	250.000	219.670	12.1	104	-0.01
12	CM	1,1-Dichloroethene	50.000	46.118	7.8#	91	0.00
13	T	Acrolein	250.000	207.022	17.2	82	0.00
14	T	Allyl chloride	50.000	46.143	7.7	90	0.00
15	T	Acrylonitrile	250.000	240.671	3.7	99	0.00
16	T	Acetone	250.000	196.662	21.3	89	0.00
17	T	Carbon Disulfide	50.000	46.568	6.9	92	0.00
18	T	Methyl Acetate	50.000	49.724	0.6	100	0.00
19	T	Methyl tert-butyl Ether	50.000	48.413	3.2	96	0.00
20	T	Methylene Chloride	50.000	42.464	15.1	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.655	4.7	94	0.00
22	T	Diisopropyl ether	50.000	48.224	3.6	94	0.00
23	T	Vinyl Acetate	250.000	241.651	3.3	95	0.00
24	P	1,1-Dichloroethane	50.000	46.982	6.0	93	0.00
25	T	2-Butanone	250.000	218.731	12.5	96	0.00
26	T	2,2-Dichloropropane	50.000	45.942	8.1	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.009	4.0	95	0.00
28	T	Bromochloromethane	50.000	45.666	8.7	96	0.00
29	T	Tetrahydrofuran	250.000	240.396	3.8	99	0.00
30	C	Chloroform	50.000	47.713	4.6#	95	0.00
31	T	Cyclohexane	50.000	44.864	10.3	92	0.00
32	T	1,1,1-Trichloroethane	50.000	46.953	6.1	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.932	6.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	48.665	2.7	94	0.00
36	T	1,1-Dichloropropene	50.000	48.340	3.3	93	0.00
37	T	Ethyl Acetate	50.000	49.145	1.7	99	0.00
38	T	Carbon Tetrachloride	50.000	47.538	4.9	92	0.00
39	T	Methylcyclohexane	50.000	49.488	1.0	93	0.00
40	TM	Benzene	50.000	48.330	3.3	93	0.00
41	T	Methacrylonitrile	50.000	40.712	18.6	84	0.00
42	TM	1,2-Dichloroethane	50.000	48.271	3.5	96	0.00
43	T	Isopropyl Acetate	50.000	48.955	2.1	98	0.00
44	TM	Trichloroethene	50.000	48.671	2.7	94	0.00
45	C	1,2-Dichloropropane	50.000	49.503	1.0#	97	0.00
46	T	Dibromomethane	50.000	49.766	0.5	97	0.00
47	T	Bromodichloromethane	50.000	49.462	1.1	96	0.00
48	T	Methyl methacrylate	50.000	49.526	0.9	95	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	995.972	0.4	99	0.00
50	S	Toluene-d8	50.000	48.601	2.8	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.146	-2.1	100	0.00
52	CM	Toluene	50.000	49.435	1.1#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	49.422	1.2	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.988	2.0	94	0.00
55	T	1,1,2-Trichloroethane	50.000	49.461	1.1	97	0.00
56	T	Ethyl methacrylate	50.000	52.112	-4.2	98	0.00
57	T	1,3-Dichloropropane	50.000	49.664	0.7	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.828	-12.7	103	0.00
59	T	2-Hexanone	250.000	243.357	2.7	97	0.00
60	T	Dibromochloromethane	50.000	49.550	0.9	97	0.00
61	T	1,2-Dibromoethane	50.000	49.766	0.5	97	0.00
62	S	4-Bromofluorobenzene	50.000	49.243	1.5	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	48.367	3.3	93	0.00
65	PM	Chlorobenzene	50.000	47.537	4.9	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.718	4.6	97	0.00
67	C	Ethyl Benzene	50.000	48.271	3.5#	94	0.00
68	T	m/p-Xylenes	100.000	97.918	2.1	94	0.00
69	T	o-Xylene	50.000	49.119	1.8	95	0.00
70	T	Styrene	50.000	49.930	0.1	96	0.00
71	P	Bromoform	50.000	47.754	4.5	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	46.590	6.8	94	0.00
74	T	N-amyl acetate	50.000	46.680	6.6	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.874	10.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	48.123	3.8	100	0.00
77	T	Bromobenzene	50.000	45.269	9.5	96	0.00
78	T	n-propylbenzene	50.000	47.170	5.7	95	0.00
79	T	2-Chlorotoluene	50.000	45.932	8.1	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.510	5.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.216	9.6	98	0.00
82	T	4-Chlorotoluene	50.000	45.497	9.0	94	0.00
83	T	tert-Butylbenzene	50.000	47.274	5.5	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.214	5.6	95	0.00
85	T	sec-Butylbenzene	50.000	47.287	5.4	95	0.00
86	T	p-Isopropyltoluene	50.000	47.391	5.2	94	0.00
87	T	1,3-Dichlorobenzene	50.000	45.359	9.3	95	0.00
88	T	1,4-Dichlorobenzene	50.000	45.145	9.7	96	0.00
89	T	n-Butylbenzene	50.000	47.141	5.7	94	0.00
90	T	Hexachloroethane	50.000	44.895	10.2	95	0.00
91	T	1,2-Dichlorobenzene	50.000	45.634	8.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.817	10.4	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.671	10.7	93	0.00
94	T	Hexachlorobutadiene	50.000	44.508	11.0	92	0.00
95	T	Naphthalene	50.000	45.562	8.9	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.118	9.8	94	0.00

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