Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023829.D
Acq On : 01 Dec 2025 07:55
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: Dec 02 03:11:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	46.693	6.6	103	0.00
3	P	Chloromethane	50.000	41.042	17.9	88	0.00
4	C	Vinyl Chloride	50.000	45.709	8.6#	94	0.00
5	T	Bromomethane	50.000	40.968	18.1	93	0.00
6	T	Chloroethane	50.000	46.709	6.6	95	0.00
7	T	Trichlorofluoromethane	50.000	50.290	-0.6	103	0.00
8	T	Diethyl Ether	50.000	51.018	-2.0	103	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.429	-6.9	110	0.00
10	T	Methyl Iodide	50.000	53.273	-6.5	98	0.00
11	T	Tert butyl alcohol	250.000	220.581	11.8	104	0.02
12	CM	1,1-Dichloroethene	50.000	50.683	-1.4#	103	0.00
13	T	Acrolein	250.000	131.320	47.5#	53	0.00
14	T	Allyl chloride	50.000	51.550	-3.1	102	0.01
15	T	Acrylonitrile	250.000	279.919	-12.0	110	0.00
16	T	Acetone	250.000	281.920	-12.8	116	0.01
17	T	Carbon Disulfide	50.000	42.901	14.2	88	0.00
18	T	Methyl Acetate	50.000	56.118	-12.2	117	0.00
19	T	Methyl tert-butyl Ether	50.000	53.764	-7.5	106	0.00
20	T	Methylene Chloride	50.000	44.733	10.5	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.250	-0.5	102	0.00
22	T	Diisopropyl ether	50.000	54.141	-8.3	106	0.00
23	T	Vinyl Acetate	250.000	275.519	-10.2	105	0.00
24	P	1,1-Dichloroethane	50.000	51.666	-3.3	105	0.00
25	T	2-Butanone	250.000	273.766	-9.5	110	0.00
26	T	2,2-Dichloropropane	50.000	51.251	-2.5	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.306	-2.6	104	0.00
28	T	Bromochloromethane	50.000	47.941	4.1	97	0.00
29	T	Tetrahydrofuran	250.000	279.924	-12.0	109	0.00
30	C	Chloroform	50.000	51.961	-3.9#	105	0.00
31	T	Cyclohexane	50.000	48.926	2.1	101	0.00
32	T	1,1,1-Trichloroethane	50.000	52.616	-5.2	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.121	-6.2	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	56.128	-12.3	105	0.00
36	T	1,1-Dichloropropene	50.000	54.560	-9.1	105	0.00
37	T	Ethyl Acetate	50.000	58.305	-16.6	110	0.00
38	T	Carbon Tetrachloride	50.000	54.920	-9.8	106	0.00
39	T	Methylcyclohexane	50.000	54.044	-8.1	102	0.00
40	TM	Benzene	50.000	53.501	-7.0	103	0.00
41	T	Methacrylonitrile	50.000	65.213	-30.4#	128	0.01
42	TM	1,2-Dichloroethane	50.000	54.948	-9.9	105	0.00
43	T	Isopropyl Acetate	50.000	55.501	-11.0	104	0.00
44	TM	Trichloroethene	50.000	54.645	-9.3	105	0.00
45	C	1,2-Dichloropropane	50.000	55.100	-10.2#	105	0.00
46	T	Dibromomethane	50.000	54.610	-9.2	105	0.00
47	T	Bromodichloromethane	50.000	55.198	-10.4	106	0.00
48	T	Methyl methacrylate	50.000	58.148	-16.3	105	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	1180.999	-18.1	111	0.01
50	S	Toluene-d8	50.000	55.783	-11.6	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	300.240	-20.1	110	0.00
52	CM	Toluene	50.000	55.219	-10.4#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	55.375	-10.8	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.711	-9.4	104	0.00
55	T	1,1,2-Trichloroethane	50.000	57.435	-14.9	108	0.00
56	T	Ethyl methacrylate	50.000	58.253	-16.5	104	0.00
57	T	1,3-Dichloropropane	50.000	56.202	-12.4	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.809	0.9	91	0.00
59	T	2-Hexanone	250.000	301.685	-20.7	110	0.00
60	T	Dibromochloromethane	50.000	56.119	-12.2	107	0.00
61	T	1,2-Dibromoethane	50.000	56.066	-12.1	108	0.00
62	S	4-Bromofluorobenzene	50.000	56.395	-12.8	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	56.086	-12.2	106	0.00
65	PM	Chlorobenzene	50.000	54.945	-9.9	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.153	-12.3	106	0.00
67	C	Ethyl Benzene	50.000	57.109	-14.2#	104	0.00
68	T	m/p-Xylenes	100.000	112.859	-12.9	103	0.00
69	T	o-Xylene	50.000	56.239	-12.5	103	0.00
70	T	Styrene	50.000	57.152	-14.3	103	0.00
71	P	Bromoform	50.000	56.641	-13.3	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	57.235	-14.5	105	0.00
74	T	N-amyl acetate	50.000	56.270	-12.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.801	-13.6	107	0.00
76	T	1,2,3-Trichloropropane	50.000	55.823	-11.6	102	0.00
77	T	Bromobenzene	50.000	55.313	-10.6	104	0.00
78	T	n-propylbenzene	50.000	57.211	-14.4	105	0.00
79	T	2-Chlorotoluene	50.000	55.453	-10.9	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.849	-13.7	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.170	-14.3	106	0.00
82	T	4-Chlorotoluene	50.000	55.156	-10.3	101	0.00
83	T	tert-Butylbenzene	50.000	57.075	-14.2	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.354	-12.7	103	0.00
85	T	sec-Butylbenzene	50.000	57.888	-15.8	105	0.00
86	T	p-Isopropyltoluene	50.000	57.408	-14.8	104	0.00
87	T	1,3-Dichlorobenzene	50.000	54.819	-9.6	103	0.00
88	T	1,4-Dichlorobenzene	50.000	53.540	-7.1	102	0.00
89	T	n-Butylbenzene	50.000	57.933	-15.9	104	0.00
90	T	Hexachloroethane	50.000	55.326	-10.7	105	0.00
91	T	1,2-Dichlorobenzene	50.000	54.906	-9.8	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.888	-9.8	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.733	-9.5	101	0.00
94	T	Hexachlorobutadiene	50.000	53.968	-7.9	103	0.00
95	T	Naphthalene	50.000	58.337	-16.7	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.565	-11.1	104	0.00

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