Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023877.D
Acq On : 04 Dec 2025 07:31
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 05 01:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	53.586	-7.2	100	0.00
3	P	Chloromethane	50.000	54.232	-8.5	102	0.00
4	C	Vinyl Chloride	50.000	54.909	-9.8#	100	0.00
5	T	Bromomethane	50.000	51.636	-3.3	105	0.00
6	T	Chloroethane	50.000	53.573	-7.1	101	0.00
7	T	Trichlorofluoromethane	50.000	54.832	-9.7	103	0.00
8	T	Diethyl Ether	50.000	54.749	-9.5	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.794	-9.6	105	0.00
10	T	Methyl Iodide	50.000	56.023	-12.0	103	0.00
11	T	Tert butyl alcohol	250.000	225.355	9.9	94	0.01
12	CM	1,1-Dichloroethene	50.000	56.581	-13.2#	105	0.00
13	T	Acrolein	250.000	244.993	2.0	151	0.01
14	T	Allyl chloride	50.000	55.530	-11.1	103	0.00
15	T	Acrylonitrile	250.000	269.199	-7.7	102	0.00
16	T	Acetone	250.000	287.447	-15.0	117	0.00
17	T	Carbon Disulfide	50.000	61.114	-22.2	104	0.00
18	T	Methyl Acetate	50.000	52.148	-4.3	100	0.00
19	T	Methyl tert-butyl Ether	50.000	55.639	-11.3	104	0.00
20	T	Methylene Chloride	50.000	52.612	-5.2	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.616	-13.2	105	0.00
22	T	Diisopropyl ether	50.000	54.578	-9.2	102	0.00
23	T	Vinyl Acetate	250.000	281.491	-12.6	102	0.00
24	P	1,1-Dichloroethane	50.000	54.206	-8.4	104	0.00
25	T	2-Butanone	250.000	266.677	-6.7	107	0.00
26	T	2,2-Dichloropropane	50.000	52.993	-6.0	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.687	-9.4	104	0.00
28	T	Bromochloromethane	50.000	51.098	-2.2	90	0.00
29	T	Tetrahydrofuran	250.000	269.841	-7.9	99	0.00
30	C	Chloroform	50.000	53.743	-7.5#	104	0.00
31	T	Cyclohexane	50.000	55.074	-10.1	102	0.00
32	T	1,1,1-Trichloroethane	50.000	54.391	-8.8	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.386	17.2	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	43.277	13.4	90	0.00
36	T	1,1-Dichloropropene	50.000	57.381	-14.8	103	0.00
37	T	Ethyl Acetate	50.000	55.752	-11.5	101	0.00
38	T	Carbon Tetrachloride	50.000	57.191	-14.4	105	0.00
39	T	Methylcyclohexane	50.000	60.497	-21.0	103	0.00
40	TM	Benzene	50.000	56.637	-13.3	103	0.00
41	T	Methacrylonitrile	50.000	48.902	2.2	88	0.00
42	TM	1,2-Dichloroethane	50.000	55.708	-11.4	103	0.00
43	T	Isopropyl Acetate	50.000	55.727	-11.5	102	0.00
44	TM	Trichloroethene	50.000	57.074	-14.1	104	0.00
45	C	1,2-Dichloropropane	50.000	55.825	-11.7#	103	0.00
46	T	Dibromomethane	50.000	55.846	-11.7	103	0.00
47	T	Bromodichloromethane	50.000	56.140	-12.3	104	0.00
48	T	Methyl methacrylate	50.000	58.962	-17.9	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1105.075	-10.5	100	0.00
50	S	Toluene-d8	50.000	43.341	13.3	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.071	-13.2	100	0.00
52	CM	Toluene	50.000	57.981	-16.0#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	57.425	-14.8	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.546	-15.1	104	0.00
55	T	1,1,2-Trichloroethane	50.000	55.037	-10.1	102	0.00
56	T	Ethyl methacrylate	50.000	50.928	-1.9	101	0.00
57	T	1,3-Dichloropropane	50.000	56.168	-12.3	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.174	-1.7	95	0.00
59	T	2-Hexanone	250.000	289.793	-15.9	105	0.00
60	T	Dibromochloromethane	50.000	55.771	-11.5	103	0.00
61	T	1,2-Dibromoethane	50.000	56.712	-13.4	103	0.00
62	S	4-Bromofluorobenzene	50.000	41.852	16.3	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	57.304	-14.6	104	0.00
65	PM	Chlorobenzene	50.000	56.172	-12.3	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.803	-11.6	104	0.00
67	C	Ethyl Benzene	50.000	57.853	-15.7#	103	0.00
68	T	m/p-Xylenes	100.000	117.034	-17.0	104	0.00
69	T	o-Xylene	50.000	58.213	-16.4	102	0.00
70	T	Styrene	50.000	58.132	-16.3	103	0.00
71	P	Bromoform	50.000	57.724	-15.4	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	58.537	-17.1	104	0.00
74	T	N-amyl acetate	50.000	57.044	-14.1	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.949	-9.9	103	0.00
76	T	1,2,3-Trichloropropane	50.000	48.817	2.4	97	0.00
77	T	Bromobenzene	50.000	56.165	-12.3	103	0.00
78	T	n-propylbenzene	50.000	58.367	-16.7	103	0.00
79	T	2-Chlorotoluene	50.000	57.008	-14.0	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.703	-17.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.679	-11.4	100	0.00
82	T	4-Chlorotoluene	50.000	56.170	-12.3	102	0.00
83	T	tert-Butylbenzene	50.000	59.230	-18.5	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.005	-16.0	102	0.00
85	T	sec-Butylbenzene	50.000	58.316	-16.6	103	0.00
86	T	p-Isopropyltoluene	50.000	59.125	-18.3	103	0.00
87	T	1,3-Dichlorobenzene	50.000	55.958	-11.9	104	0.00
88	T	1,4-Dichlorobenzene	50.000	55.784	-11.6	104	0.00
89	T	n-Butylbenzene	50.000	58.951	-17.9	103	0.00
90	T	Hexachloroethane	50.000	55.984	-12.0	104	0.00
91	T	1,2-Dichlorobenzene	50.000	55.927	-11.9	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.579	-9.2	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.754	-9.5	101	0.00
94	T	Hexachlorobutadiene	50.000	56.482	-13.0	104	0.00
95	T	Naphthalene	50.000	55.660	-11.3	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.912	-7.8	99	0.00

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