Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023849.D
Acq On : 02 Dec 2025 09:14
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 03 00:57:49 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	89	0.01
2	T	Dichlorodifluoromethane	50.000	52.345	-4.7	103	0.00
3	P	Chloromethane	50.000	50.027	-0.1	96	0.00
4	C	Vinyl Chloride	50.000	53.577	-7.2#	98	0.00
5	T	Bromomethane	50.000	49.783	0.4	101	0.01
6	T	Chloroethane	50.000	52.676	-5.4	96	0.00
7	T	Trichlorofluoromethane	50.000	52.600	-5.2	96	0.01
8	T	Diethyl Ether	50.000	51.372	-2.7	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.671	-5.3	97	0.01
10	T	Methyl Iodide	50.000	56.812	-13.6	93	0.01
11	T	Tert butyl alcohol	250.000	203.929	18.4	85	0.01
12	CM	1,1-Dichloroethene	50.000	53.453	-6.9#	97	0.01
13	T	Acrolein	250.000	236.095	5.6	85	0.01
14	T	Allyl chloride	50.000	54.586	-9.2	96	0.01
15	T	Acrylonitrile	250.000	261.185	-4.5	92	0.01
16	T	Acetone	250.000	327.824	-31.1#	120	0.01
17	T	Carbon Disulfide	50.000	54.723	-9.4	100	0.01
18	T	Methyl Acetate	50.000	48.443	3.1	90	0.00
19	T	Methyl tert-butyl Ether	50.000	51.485	-3.0	91	0.00
20	T	Methylene Chloride	50.000	46.454	7.1	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.202	-8.4	98	0.01
22	T	Diisopropyl ether	50.000	55.103	-10.2	96	0.01
23	T	Vinyl Acetate	250.000	279.332	-11.7	95	0.00
24	P	1,1-Dichloroethane	50.000	53.143	-6.3	96	0.01
25	T	2-Butanone	250.000	293.136	-17.3	105	0.00
26	T	2,2-Dichloropropane	50.000	53.331	-6.7	97	0.01
27	T	cis-1,2-Dichloroethene	50.000	52.505	-5.0	95	0.01
28	T	Bromochloromethane	50.000	50.082	-0.2	90	0.00
29	T	Tetrahydrofuran	250.000	257.786	-3.1	89	0.00
30	C	Chloroform	50.000	52.758	-5.5#	95	0.01
31	T	Cyclohexane	50.000	53.374	-6.7	99	0.01
32	T	1,1,1-Trichloroethane	50.000	53.286	-6.6	97	0.01
33	S	1,2-Dichloroethane-d4	50.000	49.801	0.4	87	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	51.833	-3.7	89	0.01
36	T	1,1-Dichloropropene	50.000	55.601	-11.2	98	0.00
37	T	Ethyl Acetate	50.000	53.631	-7.3	93	0.00
38	T	Carbon Tetrachloride	50.000	54.541	-9.1	96	0.01
39	T	Methylcyclohexane	50.000	54.967	-9.9	96	0.00
40	TM	Benzene	50.000	54.363	-8.7	96	0.01
41	T	Methacrylonitrile	50.000	57.501	-15.0	104	0.00
42	TM	1,2-Dichloroethane	50.000	52.894	-5.8	93	0.00
43	T	Isopropyl Acetate	50.000	52.530	-5.1	90	0.00
44	TM	Trichloroethene	50.000	53.625	-7.2	95	0.00
45	C	1,2-Dichloropropane	50.000	54.198	-8.4#	95	0.00
46	T	Dibromomethane	50.000	53.284	-6.6	94	0.00
47	T	Bromodichloromethane	50.000	52.702	-5.4	93	0.01
48	T	Methyl methacrylate	50.000	54.739	-9.5	90	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	990.642	0.9	86	0.01
50	S	Toluene-d8	50.000	51.535	-3.1	88	0.01
51	T	4-Methyl-2-Pentanone	250.000	269.322	-7.7	90	0.00
52	CM	Toluene	50.000	55.421	-10.8#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	53.539	-7.1	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.393	-6.8	93	0.00
55	T	1,1,2-Trichloroethane	50.000	52.319	-4.6	91	0.00
56	T	Ethyl methacrylate	50.000	54.626	-9.3	90	0.00
57	T	1,3-Dichloropropane	50.000	53.213	-6.4	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	227.581	9.0	77	0.00
59	T	2-Hexanone	250.000	297.970	-19.2	100	0.00
60	T	Dibromochloromethane	50.000	52.316	-4.6	91	0.00
61	T	1,2-Dibromoethane	50.000	52.720	-5.4	93	0.00
62	S	4-Bromofluorobenzene	50.000	50.693	-1.4	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	54.748	-9.5	95	0.00
65	PM	Chlorobenzene	50.000	53.949	-7.9	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.354	-6.7	92	0.00
67	C	Ethyl Benzene	50.000	56.303	-12.6#	94	0.00
68	T	m/p-Xylenes	100.000	112.344	-12.3	93	0.00
69	T	o-Xylene	50.000	55.941	-11.9	94	0.00
70	T	Styrene	50.000	56.235	-12.5	92	0.00
71	P	Bromoform	50.000	52.738	-5.5	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	55.355	-10.7	93	0.00
74	T	N-amyl acetate	50.000	53.619	-7.2	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.396	-2.8	89	0.00
76	T	1,2,3-Trichloropropane	50.000	51.569	-3.1	87	0.00
77	T	Bromobenzene	50.000	53.633	-7.3	93	0.00
78	T	n-propylbenzene	50.000	55.366	-10.7	93	0.00
79	T	2-Chlorotoluene	50.000	53.941	-7.9	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.295	-10.6	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.648	-5.3	90	0.00
82	T	4-Chlorotoluene	50.000	53.982	-8.0	91	0.00
83	T	tert-Butylbenzene	50.000	55.023	-10.0	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.880	-9.8	92	0.00
85	T	sec-Butylbenzene	50.000	54.336	-8.7	91	0.00
86	T	p-Isopropyltoluene	50.000	54.372	-8.7	90	0.00
87	T	1,3-Dichlorobenzene	50.000	52.464	-4.9	91	0.00
88	T	1,4-Dichlorobenzene	50.000	51.467	-2.9	90	0.00
89	T	n-Butylbenzene	50.000	53.802	-7.6	89	0.00
90	T	Hexachloroethane	50.000	51.580	-3.2	90	0.00
91	T	1,2-Dichlorobenzene	50.000	52.688	-5.4	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.036	1.9	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.283	-2.6	87	0.00
94	T	Hexachlorobutadiene	50.000	47.996	4.0	84	0.00
95	T	Naphthalene	50.000	52.704	-5.4	87	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.017	-2.0	88	0.00

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