Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
Data File : VY023729.D
Acq On : 11 Nov 2025 10:32
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 12 03:31:05 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	38.504	23.0	89	0.00
3	P	Chloromethane	50.000	39.306	21.4	88	0.00
4	C	Vinyl Chloride	50.000	40.307	19.4#	89	0.00
5	T	Bromomethane	50.000	39.105	21.8	92	0.01
6	T	Chloroethane	50.000	41.881	16.2	91	0.01
7	T	Trichlorofluoromethane	50.000	45.665	8.7	99	0.01
8	T	Diethyl Ether	50.000	48.077	3.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.651	-1.3	110	0.01
10	T	Methyl Iodide	50.000	57.604	-15.2	113	0.01
11	T	Tert butyl alcohol	250.000	185.497	25.8#	95	0.00
12	CM	1,1-Dichloroethene	50.000	51.122	-2.2#	110	0.01
13	T	Acrolein	250.000	113.689	54.5#	49	0.01
14	T	Allyl chloride	50.000	52.555	-5.1	112	0.01
15	T	Acrylonitrile	250.000	240.607	3.8	108	0.01
16	T	Acetone	250.000	251.831	-0.7	123	0.00
17	T	Carbon Disulfide	50.000	52.009	-4.0	112	0.01
18	T	Methyl Acetate	50.000	36.638	26.7#	80	0.00
19	T	Methyl tert-butyl Ether	50.000	49.906	0.2	108	0.00
20	T	Methylene Chloride	50.000	44.501	11.0	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.493	-3.0	111	0.01
22	T	Diisopropyl ether	50.000	52.711	-5.4	112	0.00
23	T	Vinyl Acetate	250.000	267.423	-7.0	115	0.00
24	P	1,1-Dichloroethane	50.000	50.997	-2.0	110	0.01
25	T	2-Butanone	250.000	237.616	5.0	113	0.00
26	T	2,2-Dichloropropane	50.000	53.500	-7.0	114	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.822	-3.6	112	0.00
28	T	Bromochloromethane	50.000	48.634	2.7	112	0.00
29	T	Tetrahydrofuran	250.000	232.464	7.0	104	0.00
30	C	Chloroform	50.000	51.191	-2.4#	110	0.00
31	T	Cyclohexane	50.000	51.191	-2.4	114	0.00
32	T	1,1,1-Trichloroethane	50.000	51.814	-3.6	111	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.039	7.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	48.957	2.1	102	0.00
36	T	1,1-Dichloropropene	50.000	55.179	-10.4	115	0.00
37	T	Ethyl Acetate	50.000	50.983	-2.0	111	0.00
38	T	Carbon Tetrachloride	50.000	53.375	-6.8	111	0.00
39	T	Methylcyclohexane	50.000	56.104	-12.2	114	0.00
40	TM	Benzene	50.000	52.578	-5.2	109	0.00
41	T	Methacrylonitrile	50.000	47.458	5.1	105	0.01
42	TM	1,2-Dichloroethane	50.000	50.604	-1.2	108	0.01
43	T	Isopropyl Acetate	50.000	49.232	1.5	106	0.00
44	TM	Trichloroethene	50.000	51.352	-2.7	107	0.00
45	C	1,2-Dichloropropane	50.000	52.838	-5.7#	112	0.00
46	T	Dibromomethane	50.000	49.789	0.4	105	0.00
47	T	Bromodichloromethane	50.000	51.747	-3.5	108	0.00
48	T	Methyl methacrylate	50.000	50.277	-0.6	104	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	814.997	18.5	87	0.00
50	S	Toluene-d8	50.000	49.805	0.4	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.686	0.1	106	0.00
52	CM	Toluene	50.000	52.946	-5.9#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	51.312	-2.6	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.281	-4.6	109	0.00
55	T	1,1,2-Trichloroethane	50.000	49.776	0.4	106	0.00
56	T	Ethyl methacrylate	50.000	52.741	-5.5	107	0.00
57	T	1,3-Dichloropropane	50.000	50.316	-0.6	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.566	3.8	95	0.00
59	T	2-Hexanone	250.000	252.738	-1.1	109	0.00
60	T	Dibromochloromethane	50.000	49.809	0.4	105	0.00
61	T	1,2-Dibromoethane	50.000	49.137	1.7	103	0.00
62	S	4-Bromofluorobenzene	50.000	48.837	2.3	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	50.823	-1.6	100	0.00
65	PM	Chlorobenzene	50.000	51.906	-3.8	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.657	-3.3	107	0.00
67	C	Ethyl Benzene	50.000	55.557	-11.1#	109	0.00
68	T	m/p-Xylenes	100.000	108.565	-8.6	106	0.00
69	T	o-Xylene	50.000	54.293	-8.6	107	0.00
70	T	Styrene	50.000	54.037	-8.1	105	0.00
71	P	Bromoform	50.000	47.987	4.0	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	59.283	-18.6	109	0.00
74	T	N-amyl acetate	50.000	54.344	-8.7	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.266	-6.5	107	0.00
76	T	1,2,3-Trichloropropane	50.000	51.737	-3.5	98	0.00
77	T	Bromobenzene	50.000	54.249	-8.5	104	0.00
78	T	n-propylbenzene	50.000	59.575	-19.2	109	0.00
79	T	2-Chlorotoluene	50.000	57.571	-15.1	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.696	-17.4	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.022	-4.0	103	0.00
82	T	4-Chlorotoluene	50.000	57.068	-14.1	107	0.00
83	T	tert-Butylbenzene	50.000	58.012	-16.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.194	-16.4	106	0.00
85	T	sec-Butylbenzene	50.000	59.080	-18.2	108	0.00
86	T	p-Isopropyltoluene	50.000	58.756	-17.5	106	0.00
87	T	1,3-Dichlorobenzene	50.000	53.366	-6.7	102	0.00
88	T	1,4-Dichlorobenzene	50.000	52.080	-4.2	100	0.00
89	T	n-Butylbenzene	50.000	58.892	-17.8	107	0.00
90	T	Hexachloroethane	50.000	54.068	-8.1	104	0.00
91	T	1,2-Dichlorobenzene	50.000	52.019	-4.0	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.039	7.9	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.383	1.2	93	0.00
94	T	Hexachlorobutadiene	50.000	50.541	-1.1	94	0.01
95	T	Naphthalene	50.000	47.301	5.4	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.648	6.7	88	0.00

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