Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023137.D
Acq On : 19 Aug 2025 09:11
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: Aug 20 01:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	41.557	16.9	101	0.00
3	P	Chloromethane	50.000	42.705	14.6	97	0.00
4	C	Vinyl Chloride	50.000	45.491	9.0#	100	0.01
5	T	Bromomethane	50.000	47.481	5.0	111	0.00
6	T	Chloroethane	50.000	46.683	6.6	102	0.01
7	T	Trichlorofluoromethane	50.000	45.708	8.6	101	0.00
8	T	Diethyl Ether	50.000	46.102	7.8	100	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.569	2.9	107	0.01
10	T	Methyl Iodide	50.000	54.916	-9.8	110	0.01
11	T	Tert butyl alcohol	250.000	218.191	12.7	93	0.00
12	CM	1,1-Dichloroethene	50.000	49.491	1.0#	107	0.01
13	T	Acrolein	250.000	113.207	54.7#	50	0.00
14	T	Allyl chloride	50.000	45.563	8.9	98	0.00
15	T	Acrylonitrile	250.000	233.725	6.5	98	0.01
16	T	Acetone	250.000	273.812	-9.5	114	0.00
17	T	Carbon Disulfide	50.000	46.117	7.8	101	0.01
18	T	Methyl Acetate	50.000	42.821	14.4	85	0.00
19	T	Methyl tert-butyl Ether	50.000	48.545	2.9	102	0.01
20	T	Methylene Chloride	50.000	47.727	4.5	105	0.01
21	T	trans-1,2-Dichloroethene	50.000	49.404	1.2	106	0.01
22	T	Diisopropyl ether	50.000	47.793	4.4	101	0.00
23	T	Vinyl Acetate	250.000	240.761	3.7	101	0.01
24	P	1,1-Dichloroethane	50.000	48.199	3.6	103	0.01
25	T	2-Butanone	250.000	244.351	2.3	100	0.01
26	T	2,2-Dichloropropane	50.000	51.414	-2.8	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.042	-0.1	107	0.00
28	T	Bromochloromethane	50.000	44.509	11.0	95	0.00
29	T	Tetrahydrofuran	250.000	226.737	9.3	94	0.00
30	C	Chloroform	50.000	49.287	1.4#	105	0.00
31	T	Cyclohexane	50.000	46.269	7.5	105	0.00
32	T	1,1,1-Trichloroethane	50.000	50.106	-0.2	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.256	9.5	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	48.854	2.3	102	0.00
36	T	1,1-Dichloropropene	50.000	50.818	-1.6	107	0.00
37	T	Ethyl Acetate	50.000	48.006	4.0	98	0.00
38	T	Carbon Tetrachloride	50.000	51.581	-3.2	109	0.00
39	T	Methylcyclohexane	50.000	51.832	-3.7	110	0.00
40	TM	Benzene	50.000	50.401	-0.8	106	0.00
41	T	Methacrylonitrile	50.000	46.765	6.5	94	0.00
42	TM	1,2-Dichloroethane	50.000	48.044	3.9	101	0.00
43	T	Isopropyl Acetate	50.000	46.703	6.6	97	0.00
44	TM	Trichloroethene	50.000	51.463	-2.9	109	0.00
45	C	1,2-Dichloropropane	50.000	50.044	-0.1#	105	0.00
46	T	Dibromomethane	50.000	49.637	0.7	103	0.00
47	T	Bromodichloromethane	50.000	49.781	0.4	103	0.00
48	T	Methyl methacrylate	50.000	48.023	4.0	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	934.713	6.5	96	0.00
50	S	Toluene-d8	50.000	49.217	1.6	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.906	3.6	96	0.00
52	CM	Toluene	50.000	51.669	-3.3#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.112	-2.2	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.516	-1.0	104	0.00
55	T	1,1,2-Trichloroethane	50.000	50.206	-0.4	104	0.00
56	T	Ethyl methacrylate	50.000	50.859	-1.7	101	0.00
57	T	1,3-Dichloropropane	50.000	49.273	1.5	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.835	2.9	94	0.00
59	T	2-Hexanone	250.000	254.865	-1.9	101	0.00
60	T	Dibromochloromethane	50.000	50.963	-1.9	105	0.00
61	T	1,2-Dibromoethane	50.000	50.411	-0.8	104	0.01
62	S	4-Bromofluorobenzene	50.000	49.618	0.8	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	50.340	-0.7	105	0.00
65	PM	Chlorobenzene	50.000	52.238	-4.5	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.900	-5.8	109	0.00
67	C	Ethyl Benzene	50.000	52.850	-5.7#	107	0.00
68	T	m/p-Xylenes	100.000	107.397	-7.4	110	0.00
69	T	o-Xylene	50.000	53.940	-7.9	108	0.00
70	T	Styrene	50.000	55.007	-10.0	110	0.00
71	P	Bromoform	50.000	51.022	-2.0	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	52.528	-5.1	110	0.00
74	T	N-amyl acetate	50.000	48.584	2.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.639	2.7	104	0.00
76	T	1,2,3-Trichloropropane	50.000	43.632	12.7	82	0.00
77	T	Bromobenzene	50.000	50.968	-1.9	108	0.00
78	T	n-propylbenzene	50.000	52.806	-5.6	109	0.00
79	T	2-Chlorotoluene	50.000	51.594	-3.2	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.229	-6.5	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.570	0.9	104	0.00
82	T	4-Chlorotoluene	50.000	51.036	-2.1	108	0.00
83	T	tert-Butylbenzene	50.000	53.956	-7.9	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.459	-6.9	111	0.00
85	T	sec-Butylbenzene	50.000	53.673	-7.3	112	0.00
86	T	p-Isopropyltoluene	50.000	55.063	-10.1	113	0.00
87	T	1,3-Dichlorobenzene	50.000	52.231	-4.5	112	0.00
88	T	1,4-Dichlorobenzene	50.000	51.281	-2.6	110	0.00
89	T	n-Butylbenzene	50.000	54.384	-8.8	112	0.00
90	T	Hexachloroethane	50.000	52.354	-4.7	111	0.00
91	T	1,2-Dichlorobenzene	50.000	51.489	-3.0	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.081	5.8	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.158	-2.3	108	0.00
94	T	Hexachlorobutadiene	50.000	50.885	-1.8	109	0.00
95	T	Naphthalene	50.000	51.208	-2.4	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.517	1.0	106	0.00

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