Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022612.D
Acq On : 06 Jun 2025 20:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 06 23:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	67	-0.01
2	T	Dichlorodifluoromethane	50.000	44.194	11.6	65	0.00
3	P	Chloromethane	50.000	49.925	0.2	72	0.00
4	C	Vinyl Chloride	50.000	65.177	-30.4#	90	0.00
5	T	Bromomethane	50.000	52.789	-5.6	84	-0.01
6	T	Chloroethane	50.000	68.702	-37.4#	101	-0.01
7	T	Trichlorofluoromethane	50.000	68.336	-36.7#	98	-0.01
8	T	Diethyl Ether	50.000	53.974	-7.9	73	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.035	-0.1	69	-0.01
10	T	Methyl Iodide	50.000	50.005	-0.0	62	-0.01
11	T	Tert butyl alcohol	250.000	279.790	-11.9	77	-0.02
12	CM	1,1-Dichloroethene	50.000	51.998	-4.0#	71	-0.02
13	T	Acrolein	250.000	148.062	40.8#	41	-0.01
14	T	Allyl chloride	50.000	49.790	0.4	68	-0.02
15	T	Acrylonitrile	250.000	288.922	-15.6	77	-0.02
16	T	Acetone	250.000	227.838	8.9	60	-0.01
17	T	Carbon Disulfide	50.000	48.351	3.3	66	-0.01
18	T	Methyl Acetate	50.000	66.324	-32.6#	90	-0.02
19	T	Methyl tert-butyl Ether	50.000	53.672	-7.3	73	-0.02
20	T	Methylene Chloride	50.000	50.782	-1.6	77	-0.02
21	T	trans-1,2-Dichloroethene	50.000	53.689	-7.4	74	-0.01
22	T	Diisopropyl ether	50.000	52.732	-5.5	72	-0.01
23	T	Vinyl Acetate	250.000	250.870	-0.3	68	-0.01
24	P	1,1-Dichloroethane	50.000	53.428	-6.9	73	-0.01
25	T	2-Butanone	250.000	271.300	-8.5	71	-0.01
26	T	2,2-Dichloropropane	50.000	40.300	19.4	55	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.109	-8.2	72	0.00
28	T	Bromochloromethane	50.000	56.861	-13.7	79	0.00
29	T	Tetrahydrofuran	250.000	280.605	-12.2	76	-0.01
30	C	Chloroform	50.000	56.527	-13.1#	77	-0.01
31	T	Cyclohexane	50.000	44.764	10.5	64	-0.01
32	T	1,1,1-Trichloroethane	50.000	53.694	-7.4	72	-0.01
33	S	1,2-Dichloroethane-d4	50.000	56.618	-13.2	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35	S	Dibromofluoromethane	50.000	55.584	-11.2	73	-0.01
36	T	1,1-Dichloropropene	50.000	49.049	1.9	69	-0.01
37	T	Ethyl Acetate	50.000	53.683	-7.4	72	-0.01
38	T	Carbon Tetrachloride	50.000	49.851	0.3	69	-0.01
39	T	Methylcyclohexane	50.000	46.808	6.4	66	-0.01
40	TM	Benzene	50.000	53.272	-6.5	75	-0.01
41	T	Methacrylonitrile	50.000	51.291	-2.6	74	-0.02
42	TM	1,2-Dichloroethane	50.000	53.589	-7.2	76	-0.01
43	T	Isopropyl Acetate	50.000	51.969	-3.9	72	0.00
44	TM	Trichloroethene	50.000	51.989	-4.0	73	0.00
45	C	1,2-Dichloropropane	50.000	53.163	-6.3#	74	0.00
46	T	Dibromomethane	50.000	55.195	-10.4	77	0.00
47	T	Bromodichloromethane	50.000	55.336	-10.7	77	0.00
48	T	Methyl methacrylate	50.000	53.868	-7.7	75	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1190.802	-19.1	87	-0.02
50	S	Toluene-d8	50.000	52.956	-5.9	71	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.634	-11.5	76	0.00
52	CM	Toluene	50.000	52.512	-5.0#	74	-0.01
53	T	t-1,3-Dichloropropene	50.000	50.212	-0.4	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.237	-0.5	70	0.00
55	T	1,1,2-Trichloroethane	50.000	54.587	-9.2	78	0.00
56	T	Ethyl methacrylate	50.000	52.788	-5.6	72	-0.01
57	T	1,3-Dichloropropane	50.000	53.708	-7.4	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.010	-14.0	81	0.00
59	T	2-Hexanone	250.000	275.949	-10.4	75	0.00
60	T	Dibromochloromethane	50.000	54.252	-8.5	76	0.00
61	T	1,2-Dibromoethane	50.000	55.307	-10.6	78	0.00
62	S	4-Bromofluorobenzene	50.000	53.367	-6.7	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	55.338	-10.7	79	0.00
65	PM	Chlorobenzene	50.000	51.741	-3.5	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.249	-4.5	75	0.00
67	C	Ethyl Benzene	50.000	50.824	-1.6#	73	0.00
68	T	m/p-Xylenes	100.000	101.928	-1.9	73	0.00
69	T	o-Xylene	50.000	51.535	-3.1	75	0.00
70	T	Styrene	50.000	53.004	-6.0	75	0.00
71	P	Bromoform	50.000	53.397	-6.8	77	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	47.737	4.5	72	0.00
74	T	N-amyl acetate	50.000	48.835	2.3	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.544	0.9	75	0.00
76	T	1,2,3-Trichloropropane	50.000	49.041	1.9	68	0.00
77	T	Bromobenzene	50.000	49.690	0.6	76	0.00
78	T	n-propylbenzene	50.000	47.944	4.1	72	0.00
79	T	2-Chlorotoluene	50.000	49.124	1.8	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.406	3.2	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.849	18.3	63	0.00
82	T	4-Chlorotoluene	50.000	47.281	5.4	71	0.00
83	T	tert-Butylbenzene	50.000	48.154	3.7	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.275	1.5	75	0.00
85	T	sec-Butylbenzene	50.000	48.005	4.0	73	0.00
86	T	p-Isopropyltoluene	50.000	48.016	4.0	73	0.00
87	T	1,3-Dichlorobenzene	50.000	49.540	0.9	77	0.00
88	T	1,4-Dichlorobenzene	50.000	49.572	0.9	76	0.00
89	T	n-Butylbenzene	50.000	48.433	3.1	73	0.00
90	T	Hexachloroethane	50.000	49.292	1.4	75	0.00
91	T	1,2-Dichlorobenzene	50.000	51.205	-2.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.897	-11.8	80	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.571	-1.1	77	0.00
94	T	Hexachlorobutadiene	50.000	50.140	-0.3	77	0.00
95	T	Naphthalene	50.000	54.915	-9.8	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.119	-4.2	79	0.00

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