Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022710.D
Acq On : 16 Jun 2025 16:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 17 05:56:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 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	66	0.00
2	T	Dichlorodifluoromethane	50.000	43.205	13.6	62	0.00
3	P	Chloromethane	50.000	54.102	-8.2	76	0.00
4	C	Vinyl Chloride	50.000	57.201	-14.4#	77	0.00
5	T	Bromomethane	50.000	54.469	-8.9	85	0.00
6	T	Chloroethane	50.000	63.190	-26.4#	91	0.00
7	T	Trichlorofluoromethane	50.000	60.168	-20.3	84	0.00
8	T	Diethyl Ether	50.000	52.268	-4.5	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.345	1.3	66	0.00
10	T	Methyl Iodide	50.000	49.418	1.2	60	0.00
11	T	Tert butyl alcohol	250.000	255.390	-2.2	68	0.00
12	CM	1,1-Dichloroethene	50.000	49.635	0.7#	66	0.00
13	T	Acrolein	250.000	87.831	64.9#	24	0.00
14	T	Allyl chloride	50.000	47.269	5.5	63	0.00
15	T	Acrylonitrile	250.000	263.071	-5.2	68	0.00
16	T	Acetone	250.000	246.431	1.4	64	0.00
17	T	Carbon Disulfide	50.000	45.723	8.6	61	0.00
18	T	Methyl Acetate	50.000	52.991	-6.0	70	0.00
19	T	Methyl tert-butyl Ether	50.000	52.020	-4.0	69	0.00
20	T	Methylene Chloride	50.000	53.338	-6.7	79	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.487	-3.0	70	0.00
22	T	Diisopropyl ether	50.000	51.002	-2.0	68	0.00
23	T	Vinyl Acetate	250.000	249.432	0.2	66	0.00
24	P	1,1-Dichloroethane	50.000	52.136	-4.3	70	0.00
25	T	2-Butanone	250.000	257.879	-3.2	66	0.00
26	T	2,2-Dichloropropane	50.000	49.599	0.8	66	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.374	-6.7	70	0.00
28	T	Bromochloromethane	50.000	53.812	-7.6	73	0.00
29	T	Tetrahydrofuran	250.000	253.774	-1.5	67	0.00
30	C	Chloroform	50.000	54.803	-9.6#	73	0.00
31	T	Cyclohexane	50.000	43.527	12.9	61	0.00
32	T	1,1,1-Trichloroethane	50.000	52.784	-5.6	69	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.781	-3.6	64	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35	S	Dibromofluoromethane	50.000	52.430	-4.9	66	0.00
36	T	1,1-Dichloropropene	50.000	49.798	0.4	67	0.00
37	T	Ethyl Acetate	50.000	52.401	-4.8	67	0.00
38	T	Carbon Tetrachloride	50.000	50.410	-0.8	67	0.00
39	T	Methylcyclohexane	50.000	46.329	7.3	62	0.00
40	TM	Benzene	50.000	52.152	-4.3	70	0.00
41	T	Methacrylonitrile	50.000	46.208	7.6	63	0.00
42	TM	1,2-Dichloroethane	50.000	52.679	-5.4	71	0.00
43	T	Isopropyl Acetate	50.000	50.078	-0.2	66	0.00
44	TM	Trichloroethene	50.000	53.249	-6.5	71	0.00
45	C	1,2-Dichloropropane	50.000	52.735	-5.5#	70	0.00
46	T	Dibromomethane	50.000	53.929	-7.9	72	0.00
47	T	Bromodichloromethane	50.000	55.076	-10.2	73	0.00
48	T	Methyl methacrylate	50.000	47.993	4.0	64	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	1001.869	-0.2	70	0.00
50	S	Toluene-d8	50.000	51.827	-3.7	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.816	-5.5	68	0.00
52	CM	Toluene	50.000	51.756	-3.5#	70	0.00
53	T	t-1,3-Dichloropropene	50.000	52.386	-4.8	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.799	-3.6	68	0.00
55	T	1,1,2-Trichloroethane	50.000	53.099	-6.2	72	0.00
56	T	Ethyl methacrylate	50.000	53.077	-6.2	69	0.00
57	T	1,3-Dichloropropane	50.000	53.030	-6.1	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	298.467	-19.4	80	0.00
59	T	2-Hexanone	250.000	257.533	-3.0	67	0.00
60	T	Dibromochloromethane	50.000	52.685	-5.4	70	0.00
61	T	1,2-Dibromoethane	50.000	54.081	-8.2	72	0.00
62	S	4-Bromofluorobenzene	50.000	49.999	0.0	65	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64	T	Tetrachloroethene	50.000	60.495	-21.0	81	0.00
65	PM	Chlorobenzene	50.000	52.235	-4.5	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.110	-4.2	70	0.00
67	C	Ethyl Benzene	50.000	51.668	-3.3#	69	0.00
68	T	m/p-Xylenes	100.000	104.419	-4.4	71	0.00
69	T	o-Xylene	50.000	51.787	-3.6	70	0.00
70	T	Styrene	50.000	52.478	-5.0	70	0.00
71	P	Bromoform	50.000	52.550	-5.1	71	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
73	T	Isopropylbenzene	50.000	49.592	0.8	69	0.00
74	T	N-amyl acetate	50.000	49.690	0.6	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.785	4.4	66	0.00
76	T	1,2,3-Trichloropropane	50.000	44.795	10.4	57	0.00
77	T	Bromobenzene	50.000	50.813	-1.6	71	0.00
78	T	n-propylbenzene	50.000	49.320	1.4	69	0.00
79	T	2-Chlorotoluene	50.000	49.309	1.4	69	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.564	0.9	69	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.511	7.0	66	0.00
82	T	4-Chlorotoluene	50.000	49.849	0.3	69	0.00
83	T	tert-Butylbenzene	50.000	49.473	1.1	69	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.294	1.4	69	0.00
85	T	sec-Butylbenzene	50.000	49.273	1.5	69	0.00
86	T	p-Isopropyltoluene	50.000	49.331	1.3	69	0.00
87	T	1,3-Dichlorobenzene	50.000	51.283	-2.6	73	0.00
88	T	1,4-Dichlorobenzene	50.000	50.264	-0.5	71	0.00
89	T	n-Butylbenzene	50.000	49.325	1.3	68	0.00
90	T	Hexachloroethane	50.000	50.519	-1.0	71	0.00
91	T	1,2-Dichlorobenzene	50.000	51.198	-2.4	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.027	-8.1	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.284	-2.6	72	0.00
94	T	Hexachlorobutadiene	50.000	50.440	-0.9	71	0.00
95	T	Naphthalene	50.000	51.437	-2.9	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.592	-1.2	71	0.00

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