Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
Data File : VY022680.D
Acq On : 12 Jun 2025 18:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 05:44:10 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	65	-0.01
2	T	Dichlorodifluoromethane	50.000	43.101	13.8	61	0.00
3	P	Chloromethane	50.000	51.672	-3.3	72	0.00
4	C	Vinyl Chloride	50.000	66.464	-32.9#	89	0.00
5	T	Bromomethane	50.000	55.502	-11.0	86	-0.01
6	T	Chloroethane	50.000	69.869	-39.7#	100	-0.01
7	T	Trichlorofluoromethane	50.000	76.467	-52.9#	106	-0.02
8	T	Diethyl Ether	50.000	54.288	-8.6	71	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.264	1.5	66	-0.01
10	T	Methyl Iodide	50.000	47.737	4.5	57	-0.01
11	T	Tert butyl alcohol	250.000	280.586	-12.2	74	-0.02
12	CM	1,1-Dichloroethene	50.000	50.632	-1.3#	67	-0.02
13	T	Acrolein	250.000	112.150	55.1#	30	-0.02
14	T	Allyl chloride	50.000	46.217	7.6	62	-0.02
15	T	Acrylonitrile	250.000	271.834	-8.7	70	-0.01
16	T	Acetone	250.000	225.339	9.9	58	-0.02
17	T	Carbon Disulfide	50.000	46.891	6.2	62	-0.02
18	T	Methyl Acetate	50.000	55.421	-10.8	73	-0.02
19	T	Methyl tert-butyl Ether	50.000	53.288	-6.6	70	-0.02
20	T	Methylene Chloride	50.000	50.560	-1.1	74	-0.02
21	T	trans-1,2-Dichloroethene	50.000	51.712	-3.4	69	-0.02
22	T	Diisopropyl ether	50.000	50.395	-0.8	66	-0.01
23	T	Vinyl Acetate	250.000	253.427	-1.4	66	-0.02
24	P	1,1-Dichloroethane	50.000	52.675	-5.3	70	-0.02
25	T	2-Butanone	250.000	258.133	-3.3	66	-0.01
26	T	2,2-Dichloropropane	50.000	44.365	11.3	58	-0.02
27	T	cis-1,2-Dichloroethene	50.000	54.744	-9.5	71	-0.01
28	T	Bromochloromethane	50.000	52.540	-5.1	71	-0.01
29	T	Tetrahydrofuran	250.000	269.198	-7.7	71	-0.01
30	C	Chloroform	50.000	55.084	-10.2#	73	-0.01
31	T	Cyclohexane	50.000	43.918	12.2	61	-0.01
32	T	1,1,1-Trichloroethane	50.000	52.819	-5.6	69	-0.01
33	S	1,2-Dichloroethane-d4	50.000	51.956	-3.9	64	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35	S	Dibromofluoromethane	50.000	53.795	-7.6	67	-0.01
36	T	1,1-Dichloropropene	50.000	49.597	0.8	66	-0.01
37	T	Ethyl Acetate	50.000	52.165	-4.3	66	-0.01
38	T	Carbon Tetrachloride	50.000	51.149	-2.3	67	-0.01
39	T	Methylcyclohexane	50.000	46.755	6.5	62	-0.01
40	TM	Benzene	50.000	52.798	-5.6	70	-0.01
41	T	Methacrylonitrile	50.000	52.022	-4.0	70	-0.01
42	TM	1,2-Dichloroethane	50.000	53.762	-7.5	72	-0.01
43	T	Isopropyl Acetate	50.000	52.281	-4.6	68	0.00
44	TM	Trichloroethene	50.000	54.699	-9.4	72	0.00
45	C	1,2-Dichloropropane	50.000	54.220	-8.4#	72	-0.01
46	T	Dibromomethane	50.000	53.666	-7.3	71	0.00
47	T	Bromodichloromethane	50.000	54.884	-9.8	72	0.00
48	T	Methyl methacrylate	50.000	49.732	0.5	66	-0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1145.796	-14.6	79	-0.02
50	S	Toluene-d8	50.000	51.240	-2.5	65	0.00
51	T	4-Methyl-2-Pentanone	250.000	275.049	-10.0	71	0.00
52	CM	Toluene	50.000	53.303	-6.6#	71	-0.01
53	T	t-1,3-Dichloropropene	50.000	51.780	-3.6	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.225	-4.5	69	0.00
55	T	1,1,2-Trichloroethane	50.000	55.992	-12.0	75	0.00
56	T	Ethyl methacrylate	50.000	54.055	-8.1	70	-0.01
57	T	1,3-Dichloropropane	50.000	55.237	-10.5	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	284.158	-13.7	76	0.00
59	T	2-Hexanone	250.000	270.609	-8.2	70	0.00
60	T	Dibromochloromethane	50.000	55.253	-10.5	73	0.00
61	T	1,2-Dibromoethane	50.000	56.530	-13.1	75	0.00
62	S	4-Bromofluorobenzene	50.000	50.771	-1.5	66	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64	T	Tetrachloroethene	50.000	61.203	-22.4	83	-0.01
65	PM	Chlorobenzene	50.000	52.547	-5.1	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.405	-6.8	72	0.00
67	C	Ethyl Benzene	50.000	51.320	-2.6#	70	0.00
68	T	m/p-Xylenes	100.000	103.010	-3.0	70	-0.01
69	T	o-Xylene	50.000	52.011	-4.0	71	0.00
70	T	Styrene	50.000	53.388	-6.8	72	0.00
71	P	Bromoform	50.000	54.388	-8.8	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73	T	Isopropylbenzene	50.000	48.618	2.8	70	0.00
74	T	N-amyl acetate	50.000	50.609	-1.2	71	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.162	3.7	69	0.00
76	T	1,2,3-Trichloropropane	50.000	47.349	5.3	62	0.00
77	T	Bromobenzene	50.000	49.522	1.0	72	-0.01
78	T	n-propylbenzene	50.000	47.902	4.2	69	0.00
79	T	2-Chlorotoluene	50.000	48.673	2.7	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.748	2.5	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.856	12.3	64	0.00
82	T	4-Chlorotoluene	50.000	49.201	1.6	70	0.00
83	T	tert-Butylbenzene	50.000	48.844	2.3	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.987	2.0	71	0.00
85	T	sec-Butylbenzene	50.000	48.228	3.5	69	0.00
86	T	p-Isopropyltoluene	50.000	48.843	2.3	71	0.00
87	T	1,3-Dichlorobenzene	50.000	50.196	-0.4	74	-0.01
88	T	1,4-Dichlorobenzene	50.000	49.437	1.1	72	-0.01
89	T	n-Butylbenzene	50.000	48.536	2.9	69	-0.01
90	T	Hexachloroethane	50.000	50.457	-0.9	73	-0.01
91	T	1,2-Dichlorobenzene	50.000	51.414	-2.8	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.503	-11.0	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.146	-4.3	75	0.00
94	T	Hexachlorobutadiene	50.000	50.190	-0.4	73	0.00
95	T	Naphthalene	50.000	55.293	-10.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.704	-7.4	77	0.00

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