Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
Data File : VY022251.D
Acq On : 13 May 2025 18:36
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: May 14 04:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	61	0.00
2	T	Dichlorodifluoromethane	50.000	41.008	18.0	55	0.00
3	P	Chloromethane	50.000	52.644	-5.3	65	0.00
4	C	Vinyl Chloride	50.000	53.153	-6.3#	67	0.00
5	T	Bromomethane	50.000	48.891	2.2	65	0.00
6	T	Chloroethane	50.000	54.677	-9.4	69	0.00
7	T	Trichlorofluoromethane	50.000	49.766	0.5	63	0.00
8	T	Diethyl Ether	50.000	47.591	4.8	60	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.624	0.8	66	0.00
10	T	Methyl Iodide	50.000	47.962	4.1	58	0.00
11	T	Tert butyl alcohol	250.000	264.261	-5.7	63	0.00
12	CM	1,1-Dichloroethene	50.000	46.587	6.8#	60	0.00
13	T	Acrolein	250.000	48.560	80.6#	13	0.00
14	T	Allyl chloride	50.000	50.896	-1.8	65	0.00
15	T	Acrylonitrile	250.000	278.573	-11.4	69	0.00
16	T	Acetone	250.000	294.878	-18.0	68	0.00
17	T	Carbon Disulfide	50.000	44.996	10.0	59	0.00
18	T	Methyl Acetate	50.000	75.379	-50.8#	89	0.00
19	T	Methyl tert-butyl Ether	50.000	53.123	-6.2	64	0.00
20	T	Methylene Chloride	50.000	48.980	2.0	66	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.320	1.4	63	0.00
22	T	Diisopropyl ether	50.000	57.271	-14.5	70	0.00
23	T	Vinyl Acetate	250.000	266.289	-6.5	63	0.00
24	P	1,1-Dichloroethane	50.000	53.239	-6.5	68	0.00
25	T	2-Butanone	250.000	281.817	-12.7	69	0.00
26	T	2,2-Dichloropropane	50.000	50.207	-0.4	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.378	-4.8	65	0.00
28	T	Bromochloromethane	50.000	57.351	-14.7	71	0.00
29	T	Tetrahydrofuran	250.000	296.153	-18.5	68	0.00
30	C	Chloroform	50.000	54.469	-8.9#	69	0.00
31	T	Cyclohexane	50.000	49.017	2.0	65	0.00
32	T	1,1,1-Trichloroethane	50.000	52.784	-5.6	68	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.051	-2.1	62	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	58	0.00
35	S	Dibromofluoromethane	50.000	53.445	-6.9	62	0.00
36	T	1,1-Dichloropropene	50.000	55.308	-10.6	67	0.00
37	T	Ethyl Acetate	50.000	59.574	-19.1	68	0.00
38	T	Carbon Tetrachloride	50.000	55.655	-11.3	67	0.00
39	T	Methylcyclohexane	50.000	53.041	-6.1	63	0.00
40	TM	Benzene	50.000	56.700	-13.4	68	0.00
41	T	Methacrylonitrile	50.000	54.413	-8.8	60	-0.01
42	TM	1,2-Dichloroethane	50.000	58.810	-17.6	70	0.00
43	T	Isopropyl Acetate	50.000	59.627	-19.3	68	0.00
44	TM	Trichloroethene	50.000	54.070	-8.1	66	0.00
45	C	1,2-Dichloropropane	50.000	58.976	-18.0#	70	0.00
46	T	Dibromomethane	50.000	58.251	-16.5	69	0.00
47	T	Bromodichloromethane	50.000	59.882	-19.8	71	0.00
48	T	Methyl methacrylate	50.000	62.523	-25.0#	68	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1185.225	-18.5	69	0.00
50	S	Toluene-d8	50.000	54.165	-8.3	61	0.00
51	T	4-Methyl-2-Pentanone	250.000	331.184	-32.5#	72	0.00
52	CM	Toluene	50.000	57.981	-16.0#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	58.229	-16.5	67	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.688	-15.4	68	0.00
55	T	1,1,2-Trichloroethane	50.000	60.766	-21.5	71	0.00
56	T	Ethyl methacrylate	50.000	60.050	-20.1	65	0.00
57	T	1,3-Dichloropropane	50.000	59.842	-19.7	70	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	318.629	-27.5#	66	0.00
59	T	2-Hexanone	250.000	330.921	-32.4#	71	0.00
60	T	Dibromochloromethane	50.000	59.489	-19.0	70	0.00
61	T	1,2-Dibromoethane	50.000	59.431	-18.9	69	0.00
62	S	4-Bromofluorobenzene	50.000	55.282	-10.6	63	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64	T	Tetrachloroethene	50.000	53.429	-6.9	67	0.00
65	PM	Chlorobenzene	50.000	54.174	-8.3	68	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.410	-10.8	68	0.00
67	C	Ethyl Benzene	50.000	55.607	-11.2#	67	0.00
68	T	m/p-Xylenes	100.000	113.635	-13.6	68	0.00
69	T	o-Xylene	50.000	57.464	-14.9	68	0.00
70	T	Styrene	50.000	58.641	-17.3	68	0.00
71	P	Bromoform	50.000	57.517	-15.0	69	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
73	T	Isopropylbenzene	50.000	52.648	-5.3	68	0.00
74	T	N-amyl acetate	50.000	54.150	-8.3	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.771	-9.5	72	0.00
76	T	1,2,3-Trichloropropane	50.000	51.865	-3.7	71	0.00
77	T	Bromobenzene	50.000	51.443	-2.9	68	0.00
78	T	n-propylbenzene	50.000	54.016	-8.0	70	0.00
79	T	2-Chlorotoluene	50.000	53.700	-7.4	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.866	-7.7	68	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.988	-8.0	70	0.00
82	T	4-Chlorotoluene	50.000	53.414	-6.8	70	0.00
83	T	tert-Butylbenzene	50.000	54.178	-8.4	69	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.164	-8.3	69	0.00
85	T	sec-Butylbenzene	50.000	54.343	-8.7	70	0.00
86	T	p-Isopropyltoluene	50.000	54.584	-9.2	70	0.00
87	T	1,3-Dichlorobenzene	50.000	52.613	-5.2	71	0.00
88	T	1,4-Dichlorobenzene	50.000	52.063	-4.1	70	0.00
89	T	n-Butylbenzene	50.000	53.607	-7.2	69	0.00
90	T	Hexachloroethane	50.000	53.368	-6.7	73	0.00
91	T	1,2-Dichlorobenzene	50.000	53.292	-6.6	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.400	-10.8	76	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.187	-4.4	69	0.00
94	T	Hexachlorobutadiene	50.000	51.601	-3.2	72	0.00
95	T	Naphthalene	50.000	54.540	-9.1	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.992	-6.0	71	0.00

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