Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
Data File : VY022182.D
Acq On : 07 May 2025 09:05
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: May 08 01:40:37 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	65	0.00
2	T	Dichlorodifluoromethane	50.000	42.295	15.4	60	0.00
3	P	Chloromethane	50.000	54.385	-8.8	72	0.00
4	C	Vinyl Chloride	50.000	54.086	-8.2#	72	0.00
5	T	Bromomethane	50.000	48.849	2.3	69	0.00
6	T	Chloroethane	50.000	54.299	-8.6	73	0.00
7	T	Trichlorofluoromethane	50.000	49.234	1.5	66	0.00
8	T	Diethyl Ether	50.000	46.656	6.7	63	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.060	1.9	70	0.00
10	T	Methyl Iodide	50.000	49.436	1.1	64	0.00
11	T	Tert butyl alcohol	250.000	221.271	11.5	56	0.00
12	CM	1,1-Dichloroethene	50.000	48.042	3.9#	66	0.00
13	T	Acrolein	250.000	87.414	65.0#	25	0.00
14	T	Allyl chloride	50.000	51.291	-2.6	70	0.00
15	T	Acrylonitrile	250.000	251.399	-0.6	66	0.00
16	T	Acetone	250.000	306.044	-22.4	76	0.00
17	T	Carbon Disulfide	50.000	47.131	5.7	66	0.00
18	T	Methyl Acetate	50.000	53.728	-7.5	68	0.00
19	T	Methyl tert-butyl Ether	50.000	49.079	1.8	63	0.00
20	T	Methylene Chloride	50.000	49.197	1.6	71	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.487	1.0	68	0.00
22	T	Diisopropyl ether	50.000	56.634	-13.3	74	0.00
23	T	Vinyl Acetate	250.000	270.945	-8.4	69	0.00
24	P	1,1-Dichloroethane	50.000	52.909	-5.8	73	0.00
25	T	2-Butanone	250.000	261.199	-4.5	68	0.00
26	T	2,2-Dichloropropane	50.000	53.605	-7.2	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.152	-2.3	68	0.00
28	T	Bromochloromethane	50.000	55.227	-10.5	73	0.00
29	T	Tetrahydrofuran	250.000	266.603	-6.6	65	0.00
30	C	Chloroform	50.000	53.708	-7.4#	73	0.00
31	T	Cyclohexane	50.000	50.527	-1.1	71	0.00
32	T	1,1,1-Trichloroethane	50.000	52.259	-4.5	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.430	-8.9	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35	S	Dibromofluoromethane	50.000	54.617	-9.2	68	0.00
36	T	1,1-Dichloropropene	50.000	56.021	-12.0	73	0.00
37	T	Ethyl Acetate	50.000	56.229	-12.5	69	0.00
38	T	Carbon Tetrachloride	50.000	55.130	-10.3	72	0.00
39	T	Methylcyclohexane	50.000	53.948	-7.9	68	0.00
40	TM	Benzene	50.000	56.490	-13.0	73	0.00
41	T	Methacrylonitrile	50.000	48.206	3.6	57	0.00
42	TM	1,2-Dichloroethane	50.000	57.810	-15.6	74	0.00
43	T	Isopropyl Acetate	50.000	54.646	-9.3	67	0.00
44	TM	Trichloroethene	50.000	52.240	-4.5	68	0.00
45	C	1,2-Dichloropropane	50.000	58.208	-16.4#	74	0.00
46	T	Dibromomethane	50.000	56.630	-13.3	72	0.00
47	T	Bromodichloromethane	50.000	57.210	-14.4	73	0.00
48	T	Methyl methacrylate	50.000	56.018	-12.0	66	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1028.803	-2.9	65	0.00
50	S	Toluene-d8	50.000	57.568	-15.1	70	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.437	-17.0	68	0.00
52	CM	Toluene	50.000	58.211	-16.4#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	56.543	-13.1	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.397	-14.8	72	0.00
55	T	1,1,2-Trichloroethane	50.000	56.586	-13.2	71	0.00
56	T	Ethyl methacrylate	50.000	56.840	-13.7	66	0.00
57	T	1,3-Dichloropropane	50.000	56.883	-13.8	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.493	-14.6	64	0.00
59	T	2-Hexanone	250.000	298.774	-19.5	69	0.00
60	T	Dibromochloromethane	50.000	56.126	-12.3	70	0.00
61	T	1,2-Dibromoethane	50.000	56.290	-12.6	70	0.00
62	S	4-Bromofluorobenzene	50.000	59.135	-18.3	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	65	0.00
64	T	Tetrachloroethene	50.000	52.784	-5.6	72	0.00
65	PM	Chlorobenzene	50.000	53.991	-8.0	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.594	-9.2	73	0.00
67	C	Ethyl Benzene	50.000	55.574	-11.1#	72	0.00
68	T	m/p-Xylenes	100.000	112.250	-12.3	73	0.00
69	T	o-Xylene	50.000	55.932	-11.9	71	0.00
70	T	Styrene	50.000	58.497	-17.0	74	0.00
71	P	Bromoform	50.000	53.573	-7.1	70	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73	T	Isopropylbenzene	50.000	53.425	-6.8	73	0.00
74	T	N-amyl acetate	50.000	50.619	-1.2	67	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.214	-2.4	72	0.00
76	T	1,2,3-Trichloropropane	50.000	43.959	12.1	63	0.00
77	T	Bromobenzene	50.000	51.760	-3.5	72	0.00
78	T	n-propylbenzene	50.000	55.376	-10.8	76	0.00
79	T	2-Chlorotoluene	50.000	54.048	-8.1	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.316	-10.6	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.899	-1.8	70	0.00
82	T	4-Chlorotoluene	50.000	55.259	-10.5	76	0.00
83	T	tert-Butylbenzene	50.000	53.235	-6.5	72	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.096	-10.2	74	0.00
85	T	sec-Butylbenzene	50.000	54.539	-9.1	75	0.00
86	T	p-Isopropyltoluene	50.000	54.982	-10.0	74	0.00
87	T	1,3-Dichlorobenzene	50.000	52.729	-5.5	75	0.00
88	T	1,4-Dichlorobenzene	50.000	52.086	-4.2	75	0.00
89	T	n-Butylbenzene	50.000	54.812	-9.6	75	0.00
90	T	Hexachloroethane	50.000	53.376	-6.8	77	0.00
91	T	1,2-Dichlorobenzene	50.000	53.150	-6.3	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.837	-1.7	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.094	-2.2	72	0.00
94	T	Hexachlorobutadiene	50.000	51.028	-2.1	76	0.00
95	T	Naphthalene	50.000	49.112	1.8	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.832	-1.7	72	0.00

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