Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
Data File : VY020797.D
Acq On : 07 Jan 2025 17:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 08 00:56:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	46.676	6.6	91	0.00
3	P	Chloromethane	50.000	52.625	-5.3	103	0.00
4	C	Vinyl Chloride	50.000	54.019	-8.0#	102	0.00
5	T	Bromomethane	50.000	53.253	-6.5	107	0.00
6	T	Chloroethane	50.000	59.550	-19.1	113	0.00
7	T	Trichlorofluoromethane	50.000	49.477	1.0	95	0.00
8	T	Diethyl Ether	50.000	61.861	-23.7	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.481	1.0	95	0.00
10	T	Methyl Iodide	50.000	59.026	-18.1	107	0.00
11	T	Tert butyl alcohol	250.000	285.224	-14.1	111	0.01
12	CM	1,1-Dichloroethene	50.000	53.491	-7.0#	100	0.00
13	T	Acrolein	250.000	177.132	29.1#	118	0.00
14	T	Allyl chloride	50.000	56.990	-14.0	109	0.00
15	T	Acrylonitrile	250.000	312.727	-25.1#	112	0.00
16	T	Acetone	250.000	307.743	-23.1	111	0.00
17	T	Carbon Disulfide	50.000	57.318	-14.6	103	0.00
18	T	Methyl Acetate	50.000	66.496	-33.0#	116	0.00
19	T	Methyl tert-butyl Ether	50.000	60.186	-20.4	112	0.00
20	T	Methylene Chloride	50.000	58.463	-16.9	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.434	-10.9	105	0.00
22	T	Diisopropyl ether	50.000	62.734	-25.5#	120	0.00
23	T	Vinyl Acetate	250.000	316.606	-26.6#	115	0.00
24	P	1,1-Dichloroethane	50.000	57.072	-14.1	111	0.00
25	T	2-Butanone	250.000	324.115	-29.6#	114	0.00
26	T	2,2-Dichloropropane	50.000	46.847	6.3	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.888	-15.8	111	0.00
28	T	Bromochloromethane	50.000	72.787	-45.6#	118	0.00
29	T	Tetrahydrofuran	250.000	334.026	-33.6#	118	0.00
30	C	Chloroform	50.000	56.698	-13.4#	110	0.00
31	T	Cyclohexane	50.000	48.951	2.1	97	0.00
32	T	1,1,1-Trichloroethane	50.000	51.371	-2.7	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.673	-23.3	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	54.687	-9.4	105	0.00
36	T	1,1-Dichloropropene	50.000	50.126	-0.3	101	0.00
37	T	Ethyl Acetate	50.000	60.046	-20.1	116	0.00
38	T	Carbon Tetrachloride	50.000	47.626	4.7	98	0.00
39	T	Methylcyclohexane	50.000	47.770	4.5	95	0.00
40	TM	Benzene	50.000	54.289	-8.6	110	0.00
41	T	Methacrylonitrile	50.000	56.411	-12.8	103	0.00
42	TM	1,2-Dichloroethane	50.000	56.703	-13.4	112	0.00
43	T	Isopropyl Acetate	50.000	60.264	-20.5	116	0.00
44	TM	Trichloroethene	50.000	50.891	-1.8	105	0.00
45	C	1,2-Dichloropropane	50.000	56.380	-12.8#	115	0.00
46	T	Dibromomethane	50.000	58.148	-16.3	116	0.00
47	T	Bromodichloromethane	50.000	55.219	-10.4	112	0.00
48	T	Methyl methacrylate	50.000	61.761	-23.5	114	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1181.195	-18.1	107	0.00
50	S	Toluene-d8	50.000	58.533	-17.1	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	310.696	-24.3	116	0.00
52	CM	Toluene	50.000	53.844	-7.7#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	56.148	-12.3	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.880	-9.8	110	0.00
55	T	1,1,2-Trichloroethane	50.000	57.087	-14.2	117	0.00
56	T	Ethyl methacrylate	50.000	61.766	-23.5	118	0.00
57	T	1,3-Dichloropropane	50.000	58.383	-16.8	116	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.260	-6.9	98	0.00
59	T	2-Hexanone	250.000	321.056	-28.4#	117	0.00
60	T	Dibromochloromethane	50.000	56.338	-12.7	113	0.00
61	T	1,2-Dibromoethane	50.000	57.556	-15.1	114	0.00
62	S	4-Bromofluorobenzene	50.000	54.828	-9.7	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	46.898	6.2	100	0.00
65	PM	Chlorobenzene	50.000	51.367	-2.7	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.092	-2.2	111	0.00
67	C	Ethyl Benzene	50.000	50.332	-0.7#	107	0.00
68	T	m/p-Xylenes	100.000	99.367	0.6	107	0.00
69	T	o-Xylene	50.000	50.736	-1.5	109	0.00
70	T	Styrene	50.000	52.027	-4.1	110	0.00
71	P	Bromoform	50.000	53.524	-7.0	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	47.553	4.9	104	0.00
74	T	N-amyl acetate	50.000	58.641	-17.3	118	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.572	-9.1	114	0.00
76	T	1,2,3-Trichloropropane	50.000	55.687	-11.4	126	0.00
77	T	Bromobenzene	50.000	50.921	-1.8	112	0.00
78	T	n-propylbenzene	50.000	48.233	3.5	106	0.00
79	T	2-Chlorotoluene	50.000	49.325	1.3	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.309	3.4	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.178	-2.4	103	0.00
82	T	4-Chlorotoluene	50.000	49.410	1.2	109	0.00
83	T	tert-Butylbenzene	50.000	48.004	4.0	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.247	1.5	107	0.00
85	T	sec-Butylbenzene	50.000	47.103	5.8	103	0.00
86	T	p-Isopropyltoluene	50.000	47.684	4.6	104	0.00
87	T	1,3-Dichlorobenzene	50.000	49.846	0.3	110	0.00
88	T	1,4-Dichlorobenzene	50.000	49.775	0.5	111	0.00
89	T	n-Butylbenzene	50.000	47.413	5.2	103	0.00
90	T	Hexachloroethane	50.000	47.584	4.8	107	0.00
91	T	1,2-Dichlorobenzene	50.000	49.577	0.8	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.602	-7.2	117	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.970	-1.9	109	0.00
94	T	Hexachlorobutadiene	50.000	47.412	5.2	106	0.00
95	T	Naphthalene	50.000	54.434	-8.9	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.961	-1.9	112	0.00

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