Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020799.D
Acq On : 08 Jan 2025 09:48
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: Jan 09 00:15:36 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	121	0.01
2	T	Dichlorodifluoromethane	50.000	44.721	10.6	110	0.01
3	P	Chloromethane	50.000	56.747	-13.5	140	0.01
4	C	Vinyl Chloride	50.000	57.258	-14.5#	136	0.01
5	T	Bromomethane	50.000	49.914	0.2	125	0.01
6	T	Chloroethane	50.000	58.900	-17.8	141	0.01
7	T	Trichlorofluoromethane	50.000	49.524	1.0	119	0.02
8	T	Diethyl Ether	50.000	49.808	0.4	117	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.254	3.5	117	0.01
10	T	Methyl Iodide	50.000	50.820	-1.6	115	0.02
11	T	Tert butyl alcohol	250.000	214.234	14.3	104	0.03
12	CM	1,1-Dichloroethene	50.000	49.522	1.0#	116	0.02
13	T	Acrolein	250.000	158.270	36.7#	132	0.00
14	T	Allyl chloride	50.000	51.433	-2.9	123	0.02
15	T	Acrylonitrile	250.000	255.419	-2.2	114	0.02
16	T	Acetone	250.000	245.761	1.7	111	0.02
17	T	Carbon Disulfide	50.000	52.648	-5.3	118	0.01
18	T	Methyl Acetate	50.000	53.301	-6.6	116	0.01
19	T	Methyl tert-butyl Ether	50.000	49.032	1.9	114	0.02
20	T	Methylene Chloride	50.000	49.622	0.8	120	0.01
21	T	trans-1,2-Dichloroethene	50.000	49.178	1.6	117	0.02
22	T	Diisopropyl ether	50.000	52.522	-5.0	125	0.01
23	T	Vinyl Acetate	250.000	262.216	-4.9	120	0.02
24	P	1,1-Dichloroethane	50.000	49.530	0.9	120	0.02
25	T	2-Butanone	250.000	256.225	-2.5	113	0.01
26	T	2,2-Dichloropropane	50.000	47.019	6.0	115	0.02
27	T	cis-1,2-Dichloroethene	50.000	49.188	1.6	118	0.02
28	T	Bromochloromethane	50.000	55.630	-11.3	113	0.01
29	T	Tetrahydrofuran	250.000	267.089	-6.8	118	0.02
30	C	Chloroform	50.000	47.791	4.4#	117	0.02
31	T	Cyclohexane	50.000	47.640	4.7	118	0.02
32	T	1,1,1-Trichloroethane	50.000	46.259	7.5	113	0.02
33	S	1,2-Dichloroethane-d4	50.000	50.005	-0.0	106	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	122	0.01
35	S	Dibromofluoromethane	50.000	48.869	2.3	110	0.02
36	T	1,1-Dichloropropene	50.000	49.374	1.3	116	0.02
37	T	Ethyl Acetate	50.000	53.095	-6.2	120	0.02
38	T	Carbon Tetrachloride	50.000	46.416	7.2	112	0.02
39	T	Methylcyclohexane	50.000	49.866	0.3	117	0.01
40	TM	Benzene	50.000	49.334	1.3	118	0.02
41	T	Methacrylonitrile	50.000	49.486	1.0	106	0.01
42	TM	1,2-Dichloroethane	50.000	49.228	1.5	115	0.01
43	T	Isopropyl Acetate	50.000	51.749	-3.5	117	0.01
44	TM	Trichloroethene	50.000	48.145	3.7	116	0.01
45	C	1,2-Dichloropropane	50.000	50.971	-1.9#	122	0.01
46	T	Dibromomethane	50.000	49.854	0.3	117	0.01
47	T	Bromodichloromethane	50.000	48.597	2.8	116	0.01
48	T	Methyl methacrylate	50.000	53.241	-6.5	116	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	917.491	8.3	98	0.01
50	S	Toluene-d8	50.000	52.748	-5.5	109	0.01
51	T	4-Methyl-2-Pentanone	250.000	263.668	-5.5	115	0.01
52	CM	Toluene	50.000	48.874	2.3#	116	0.01
53	T	t-1,3-Dichloropropene	50.000	49.409	1.2	113	0.01
54	T	cis-1,3-Dichloropropene	50.000	49.443	1.1	117	0.01
55	T	1,1,2-Trichloroethane	50.000	48.877	2.2	118	0.00
56	T	Ethyl methacrylate	50.000	52.085	-4.2	117	0.00
57	T	1,3-Dichloropropane	50.000	49.854	0.3	116	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	277.139	-10.9	119	0.01
59	T	2-Hexanone	250.000	267.333	-6.9	114	0.01
60	T	Dibromochloromethane	50.000	48.044	3.9	113	0.01
61	T	1,2-Dibromoethane	50.000	49.908	0.2	117	0.01
62	S	4-Bromofluorobenzene	50.000	48.798	2.4	111	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	120	0.01
64	T	Tetrachloroethene	50.000	47.464	5.1	112	0.01
65	PM	Chlorobenzene	50.000	48.525	3.0	116	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	47.168	5.7	113	0.01
67	C	Ethyl Benzene	50.000	49.236	1.5#	115	0.01
68	T	m/p-Xylenes	100.000	97.581	2.4	115	0.01
69	T	o-Xylene	50.000	48.382	3.2	115	0.01
70	T	Styrene	50.000	48.960	2.1	114	0.01
71	P	Bromoform	50.000	47.847	4.3	110	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.01
73	T	Isopropylbenzene	50.000	48.531	2.9	113	0.01
74	T	N-amyl acetate	50.000	54.511	-9.0	117	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	50.523	-1.0	112	0.01
76	T	1,2,3-Trichloropropane	50.000	55.229	-10.5	133	0.01
77	T	Bromobenzene	50.000	47.667	4.7	112	0.01
78	T	n-propylbenzene	50.000	49.672	0.7	115	0.01
79	T	2-Chlorotoluene	50.000	49.173	1.7	115	0.01
80	T	1,3,5-Trimethylbenzene	50.000	48.480	3.0	113	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	50.906	-1.8	108	0.00
82	T	4-Chlorotoluene	50.000	47.935	4.1	113	0.01
83	T	tert-Butylbenzene	50.000	48.407	3.2	114	0.01
84	T	1,2,4-Trimethylbenzene	50.000	48.975	2.0	113	0.01
85	T	sec-Butylbenzene	50.000	49.142	1.7	114	0.00
86	T	p-Isopropyltoluene	50.000	48.577	2.8	113	0.00
87	T	1,3-Dichlorobenzene	50.000	48.447	3.1	114	0.01
88	T	1,4-Dichlorobenzene	50.000	47.902	4.2	113	0.01
89	T	n-Butylbenzene	50.000	49.446	1.1	114	0.01
90	T	Hexachloroethane	50.000	47.145	5.7	113	0.01
91	T	1,2-Dichlorobenzene	50.000	47.539	4.9	112	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.412	9.2	105	0.01
93	T	1,2,4-Trichlorobenzene	50.000	49.611	0.8	112	0.01
94	T	Hexachlorobutadiene	50.000	46.877	6.2	112	0.01
95	T	Naphthalene	50.000	48.859	2.3	108	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.350	3.3	113	0.01

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