Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
Data File : VY021130.D
Acq On : 07 Feb 2025 09:31
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: Feb 08 02:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	48.751	2.5	103	0.00
3	P	Chloromethane	50.000	50.573	-1.1	112	0.00
4	C	Vinyl Chloride	50.000	52.252	-4.5#	116	0.00
5	T	Bromomethane	50.000	48.700	2.6	110	0.00
6	T	Chloroethane	50.000	52.061	-4.1	114	0.00
7	T	Trichlorofluoromethane	50.000	50.276	-0.6	109	0.00
8	T	Diethyl Ether	50.000	50.924	-1.8	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.219	1.6	107	0.00
10	T	Methyl Iodide	50.000	49.324	1.4	100	0.00
11	T	Tert butyl alcohol	250.000	241.758	3.3	111	0.00
12	CM	1,1-Dichloroethene	50.000	49.102	1.8#	106	0.00
13	T	Acrolein	250.000	225.916	9.6	98	0.00
14	T	Allyl chloride	50.000	50.476	-1.0	107	0.00
15	T	Acrylonitrile	250.000	265.161	-6.1	111	0.00
16	T	Acetone	250.000	273.463	-9.4	119	0.00
17	T	Carbon Disulfide	50.000	48.422	3.2	104	0.00
18	T	Methyl Acetate	50.000	53.249	-6.5	110	0.00
19	T	Methyl tert-butyl Ether	50.000	51.293	-2.6	108	0.01
20	T	Methylene Chloride	50.000	49.332	1.3	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.936	2.1	104	0.00
22	T	Diisopropyl ether	50.000	51.541	-3.1	109	0.00
23	T	Vinyl Acetate	250.000	261.991	-4.8	108	0.00
24	P	1,1-Dichloroethane	50.000	49.414	1.2	107	0.00
25	T	2-Butanone	250.000	271.427	-8.6	112	0.00
26	T	2,2-Dichloropropane	50.000	48.981	2.0	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.778	0.4	106	0.00
28	T	Bromochloromethane	50.000	54.337	-8.7	107	0.00
29	T	Tetrahydrofuran	250.000	268.123	-7.2	110	0.00
30	C	Chloroform	50.000	49.462	1.1#	106	0.00
31	T	Cyclohexane	50.000	47.281	5.4	106	0.00
32	T	1,1,1-Trichloroethane	50.000	48.284	3.4	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.929	8.1	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	46.981	6.0	100	0.00
36	T	1,1-Dichloropropene	50.000	49.603	0.8	106	0.00
37	T	Ethyl Acetate	50.000	53.304	-6.6	110	0.00
38	T	Carbon Tetrachloride	50.000	49.650	0.7	105	0.00
39	T	Methylcyclohexane	50.000	50.822	-1.6	104	0.00
40	TM	Benzene	50.000	49.802	0.4	105	0.00
41	T	Methacrylonitrile	50.000	51.388	-2.8	116	0.00
42	TM	1,2-Dichloroethane	50.000	50.209	-0.4	107	0.00
43	T	Isopropyl Acetate	50.000	53.202	-6.4	109	0.00
44	TM	Trichloroethene	50.000	48.766	2.5	105	0.00
45	C	1,2-Dichloropropane	50.000	50.274	-0.5#	106	0.00
46	T	Dibromomethane	50.000	49.771	0.5	105	0.00
47	T	Bromodichloromethane	50.000	50.187	-0.4	106	0.00
48	T	Methyl methacrylate	50.000	53.316	-6.6	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1103.757	-10.4	112	0.00
50	S	Toluene-d8	50.000	46.484	7.0	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.225	-8.5	109	0.00
52	CM	Toluene	50.000	50.396	-0.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.853	-3.7	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.253	-2.5	106	0.00
55	T	1,1,2-Trichloroethane	50.000	49.539	0.9	104	0.00
56	T	Ethyl methacrylate	50.000	53.723	-7.4	105	0.00
57	T	1,3-Dichloropropane	50.000	51.435	-2.9	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.251	-7.3	107	0.00
59	T	2-Hexanone	250.000	278.852	-11.5	108	0.00
60	T	Dibromochloromethane	50.000	50.301	-0.6	106	0.00
61	T	1,2-Dibromoethane	50.000	50.641	-1.3	104	0.00
62	S	4-Bromofluorobenzene	50.000	48.030	3.9	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	48.216	3.6	102	0.00
65	PM	Chlorobenzene	50.000	49.239	1.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.814	2.4	104	0.00
67	C	Ethyl Benzene	50.000	49.699	0.6#	104	0.00
68	T	m/p-Xylenes	100.000	100.832	-0.8	104	0.00
69	T	o-Xylene	50.000	50.328	-0.7	105	0.00
70	T	Styrene	50.000	50.792	-1.6	104	0.00
71	P	Bromoform	50.000	50.611	-1.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	49.395	1.2	104	0.00
74	T	N-amyl acetate	50.000	52.442	-4.9	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.837	0.3	105	0.00
76	T	1,2,3-Trichloropropane	50.000	46.751	6.5	94	0.00
77	T	Bromobenzene	50.000	48.648	2.7	104	0.00
78	T	n-propylbenzene	50.000	50.129	-0.3	104	0.00
79	T	2-Chlorotoluene	50.000	49.070	1.9	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.554	0.9	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.902	-1.8	104	0.00
82	T	4-Chlorotoluene	50.000	49.386	1.2	105	0.00
83	T	tert-Butylbenzene	50.000	49.051	1.9	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.193	-0.4	104	0.00
85	T	sec-Butylbenzene	50.000	49.216	1.6	104	0.00
86	T	p-Isopropyltoluene	50.000	49.482	1.0	102	0.00
87	T	1,3-Dichlorobenzene	50.000	48.388	3.2	103	0.00
88	T	1,4-Dichlorobenzene	50.000	48.154	3.7	102	0.00
89	T	n-Butylbenzene	50.000	50.861	-1.7	104	0.00
90	T	Hexachloroethane	50.000	48.996	2.0	104	0.00
91	T	1,2-Dichlorobenzene	50.000	48.240	3.5	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.012	-0.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.562	-3.1	102	0.00
94	T	Hexachlorobutadiene	50.000	48.285	3.4	100	0.00
95	T	Naphthalene	50.000	54.200	-8.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.905	-1.8	100	0.00

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