Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020906.D
Acq On : 23 Jan 2025 09:28
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 24 00:14:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 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	138	0.00
2	T	Dichlorodifluoromethane	50.000	42.508	15.0	119	0.00
3	P	Chloromethane	50.000	53.346	-6.7	149	0.00
4	C	Vinyl Chloride	50.000	60.223	-20.4#	163	0.00
5	T	Bromomethane	50.000	47.581	4.8	136	0.00
6	T	Chloroethane	50.000	58.012	-16.0	158	0.00
7	T	Trichlorofluoromethane	50.000	50.917	-1.8	140	0.00
8	T	Diethyl Ether	50.000	48.862	2.3	130	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.753	-3.5	142	0.00
10	T	Methyl Iodide	50.000	58.816	-17.6	152	0.00
11	T	Tert butyl alcohol	250.000	186.764	25.3#	103	-0.01
12	CM	1,1-Dichloroethene	50.000	50.094	-0.2#	133	-0.01
13	T	Acrolein	250.000	246.364	1.5	234	0.00
14	T	Allyl chloride	50.000	52.190	-4.4	142	-0.01
15	T	Acrylonitrile	250.000	250.311	-0.1	128	0.00
16	T	Acetone	250.000	240.550	3.8	124	-0.01
17	T	Carbon Disulfide	50.000	47.268	5.5	121	0.00
18	T	Methyl Acetate	50.000	53.806	-7.6	134	0.00
19	T	Methyl tert-butyl Ether	50.000	47.631	4.7	126	0.00
20	T	Methylene Chloride	50.000	48.834	2.3	134	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.202	1.6	133	0.00
22	T	Diisopropyl ether	50.000	54.842	-9.7	149	0.00
23	T	Vinyl Acetate	250.000	263.160	-5.3	137	-0.01
24	P	1,1-Dichloroethane	50.000	51.710	-3.4	143	0.00
25	T	2-Butanone	250.000	245.407	1.8	124	-0.01
26	T	2,2-Dichloropropane	50.000	48.700	2.6	135	-0.01
27	T	cis-1,2-Dichloroethene	50.000	50.094	-0.2	137	0.00
28	T	Bromochloromethane	50.000	53.841	-7.7	125	0.00
29	T	Tetrahydrofuran	250.000	252.591	-1.0	127	0.00
30	C	Chloroform	50.000	48.962	2.1#	136	-0.01
31	T	Cyclohexane	50.000	49.468	1.1	139	-0.01
32	T	1,1,1-Trichloroethane	50.000	47.764	4.5	132	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.653	4.7	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	137	0.00
35	S	Dibromofluoromethane	50.000	50.051	-0.1	126	0.00
36	T	1,1-Dichloropropene	50.000	51.685	-3.4	137	0.00
37	T	Ethyl Acetate	50.000	51.752	-3.5	132	0.00
38	T	Carbon Tetrachloride	50.000	48.654	2.7	131	0.00
39	T	Methylcyclohexane	50.000	51.780	-3.6	136	0.00
40	TM	Benzene	50.000	51.527	-3.1	138	0.00
41	T	Methacrylonitrile	50.000	57.396	-14.8	138	0.00
42	TM	1,2-Dichloroethane	50.000	48.591	2.8	127	0.00
43	T	Isopropyl Acetate	50.000	50.946	-1.9	129	0.00
44	TM	Trichloroethene	50.000	50.936	-1.9	138	0.00
45	C	1,2-Dichloropropane	50.000	54.923	-9.8#	148	0.00
46	T	Dibromomethane	50.000	51.228	-2.5	134	0.00
47	T	Bromodichloromethane	50.000	51.069	-2.1	136	0.00
48	T	Methyl methacrylate	50.000	52.728	-5.5	128	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	850.385	15.0	101	0.00
50	S	Toluene-d8	50.000	53.501	-7.0	124	0.00
51	T	4-Methyl-2-Pentanone	250.000	260.566	-4.2	128	0.00
52	CM	Toluene	50.000	51.710	-3.4#	138	0.00
53	T	t-1,3-Dichloropropene	50.000	51.301	-2.6	131	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.851	-3.7	137	0.00
55	T	1,1,2-Trichloroethane	50.000	51.359	-2.7	139	0.00
56	T	Ethyl methacrylate	50.000	51.853	-3.7	130	0.00
57	T	1,3-Dichloropropane	50.000	52.626	-5.3	137	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.828	2.9	117	0.00
59	T	2-Hexanone	250.000	261.139	-4.5	125	0.00
60	T	Dibromochloromethane	50.000	50.744	-1.5	134	0.00
61	T	1,2-Dibromoethane	50.000	51.742	-3.5	135	0.00
62	S	4-Bromofluorobenzene	50.000	48.439	3.1	123	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	136	0.00
64	T	Tetrachloroethene	50.000	50.550	-1.1	134	0.00
65	PM	Chlorobenzene	50.000	50.692	-1.4	136	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.135	1.7	132	0.00
67	C	Ethyl Benzene	50.000	51.582	-3.2#	136	0.00
68	T	m/p-Xylenes	100.000	101.196	-1.2	135	0.00
69	T	o-Xylene	50.000	50.316	-0.6	135	0.00
70	T	Styrene	50.000	50.532	-1.1	133	0.00
71	P	Bromoform	50.000	49.346	1.3	127	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	132	0.00
73	T	Isopropylbenzene	50.000	51.757	-3.5	135	0.00
74	T	N-amyl acetate	50.000	53.360	-6.7	127	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.955	-5.9	132	0.00
76	T	1,2,3-Trichloropropane	50.000	52.525	-5.0	141	0.00
77	T	Bromobenzene	50.000	51.011	-2.0	133	0.00
78	T	n-propylbenzene	50.000	52.305	-4.6	136	0.00
79	T	2-Chlorotoluene	50.000	51.363	-2.7	134	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.789	-1.6	132	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.822	-3.6	123	0.00
82	T	4-Chlorotoluene	50.000	50.861	-1.7	134	0.00
83	T	tert-Butylbenzene	50.000	51.304	-2.6	136	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.395	-0.8	129	0.00
85	T	sec-Butylbenzene	50.000	51.573	-3.1	133	0.00
86	T	p-Isopropyltoluene	50.000	50.199	-0.4	130	0.00
87	T	1,3-Dichlorobenzene	50.000	49.981	0.0	131	0.00
88	T	1,4-Dichlorobenzene	50.000	49.878	0.2	132	0.00
89	T	n-Butylbenzene	50.000	51.258	-2.5	132	0.00
90	T	Hexachloroethane	50.000	49.948	0.1	133	0.00
91	T	1,2-Dichlorobenzene	50.000	49.381	1.2	130	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.289	11.4	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.350	3.3	122	0.00
94	T	Hexachlorobutadiene	50.000	46.808	6.4	125	0.00
95	T	Naphthalene	50.000	47.984	4.0	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.006	4.0	125	0.00

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