Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
Data File : VY021563.D
Acq On : 19 Mar 2025 10:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 20 01:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	42.937	14.1	85	0.00
3	P	Chloromethane	50.000	46.800	6.4	94	0.00
4	C	Vinyl Chloride	50.000	49.982	0.0#	98	0.00
5	T	Bromomethane	50.000	46.249	7.5	97	-0.01
6	T	Chloroethane	50.000	52.427	-4.9	102	0.00
7	T	Trichlorofluoromethane	50.000	54.501	-9.0	107	-0.01
8	T	Diethyl Ether	50.000	55.626	-11.3	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.666	-3.3	104	-0.02
10	T	Methyl Iodide	50.000	56.464	-12.9	98	-0.01
11	T	Tert butyl alcohol	250.000	315.573	-26.2#	108	-0.02
12	CM	1,1-Dichloroethene	50.000	51.933	-3.9#	101	-0.01
13	T	Acrolein	250.000	47.087	81.2#	107	-0.01
14	T	Allyl chloride	50.000	56.557	-13.1	107	-0.01
15	T	Acrylonitrile	250.000	277.362	-10.9	99	-0.01
16	T	Acetone	250.000	283.963	-13.6	94	0.00
17	T	Carbon Disulfide	50.000	49.543	0.9	94	-0.01
18	T	Methyl Acetate	50.000	79.857	-59.7#	138	0.00
19	T	Methyl tert-butyl Ether	50.000	52.067	-4.1	95	-0.01
20	T	Methylene Chloride	50.000	50.497	-1.0	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.843	4.3	94	-0.02
22	T	Diisopropyl ether	50.000	50.257	-0.5	93	0.00
23	T	Vinyl Acetate	250.000	247.067	1.2	87	-0.01
24	P	1,1-Dichloroethane	50.000	48.651	2.7	94	-0.01
25	T	2-Butanone	250.000	253.864	-1.5	86	0.00
26	T	2,2-Dichloropropane	50.000	48.320	3.4	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.018	-0.0	96	-0.01
28	T	Bromochloromethane	50.000	52.058	-4.1	95	0.00
29	T	Tetrahydrofuran	250.000	270.559	-8.2	93	0.00
30	C	Chloroform	50.000	49.777	0.4#	97	0.00
31	T	Cyclohexane	50.000	43.504	13.0	88	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.110	1.8	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.705	0.6	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	49.567	0.9	107	0.00
36	T	1,1-Dichloropropene	50.000	47.476	5.0	91	0.00
37	T	Ethyl Acetate	50.000	52.220	-4.4	93	0.00
38	T	Carbon Tetrachloride	50.000	49.273	1.5	96	0.00
39	T	Methylcyclohexane	50.000	46.549	6.9	87	0.00
40	TM	Benzene	50.000	48.676	2.6	92	0.00
41	T	Methacrylonitrile	50.000	53.118	-6.2	97	0.00
42	TM	1,2-Dichloroethane	50.000	50.044	-0.1	94	0.00
43	T	Isopropyl Acetate	50.000	51.654	-3.3	91	0.00
44	TM	Trichloroethene	50.000	49.126	1.7	95	0.00
45	C	1,2-Dichloropropane	50.000	49.863	0.3#	95	0.00
46	T	Dibromomethane	50.000	51.334	-2.7	94	0.00
47	T	Bromodichloromethane	50.000	51.343	-2.7	97	0.00
48	T	Methyl methacrylate	50.000	53.891	-7.8	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1219.390	-21.9	103	0.00
50	S	Toluene-d8	50.000	48.512	3.0	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.730	-9.5	92	0.00
52	CM	Toluene	50.000	49.530	0.9#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	52.322	-4.6	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.327	-0.7	92	0.00
55	T	1,1,2-Trichloroethane	50.000	52.137	-4.3	94	0.00
56	T	Ethyl methacrylate	50.000	55.150	-10.3	93	0.00
57	T	1,3-Dichloropropane	50.000	51.652	-3.3	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.010	-15.2	99	0.00
59	T	2-Hexanone	250.000	281.489	-12.6	90	0.00
60	T	Dibromochloromethane	50.000	51.647	-3.3	95	0.00
61	T	1,2-Dibromoethane	50.000	51.628	-3.3	94	0.00
62	S	4-Bromofluorobenzene	50.000	49.750	0.5	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	54.445	-8.9	106	0.00
65	PM	Chlorobenzene	50.000	48.908	2.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.392	-0.8	96	0.00
67	C	Ethyl Benzene	50.000	49.642	0.7#	93	0.00
68	T	m/p-Xylenes	100.000	99.374	0.6	92	0.00
69	T	o-Xylene	50.000	50.831	-1.7	94	0.00
70	T	Styrene	50.000	51.897	-3.8	94	0.00
71	P	Bromoform	50.000	52.319	-4.6	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	48.610	2.8	94	0.00
74	T	N-amyl acetate	50.000	52.580	-5.2	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.737	2.5	92	0.00
76	T	1,2,3-Trichloropropane	50.000	50.327	-0.7	102	0.00
77	T	Bromobenzene	50.000	48.690	2.6	96	0.00
78	T	n-propylbenzene	50.000	48.382	3.2	93	0.00
79	T	2-Chlorotoluene	50.000	48.135	3.7	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.030	1.9	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.124	3.8	88	0.00
82	T	4-Chlorotoluene	50.000	48.201	3.6	95	0.00
83	T	tert-Butylbenzene	50.000	49.108	1.8	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.682	0.6	95	0.00
85	T	sec-Butylbenzene	50.000	48.609	2.8	94	0.00
86	T	p-Isopropyltoluene	50.000	49.423	1.2	95	0.00
87	T	1,3-Dichlorobenzene	50.000	48.235	3.5	96	0.00
88	T	1,4-Dichlorobenzene	50.000	48.887	2.2	97	0.00
89	T	n-Butylbenzene	50.000	49.735	0.5	94	0.00
90	T	Hexachloroethane	50.000	48.125	3.8	97	0.00
91	T	1,2-Dichlorobenzene	50.000	50.918	-1.8	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.008	-8.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.142	-10.3	103	0.00
94	T	Hexachlorobutadiene	50.000	51.215	-2.4	99	0.00
95	T	Naphthalene	50.000	56.093	-12.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.875	-13.8	105	0.00

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