Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021449.D
Acq On : 06 Mar 2025 21:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 07 03:36:47 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	44.011	12.0	69	0.00
3	P	Chloromethane	50.000	53.667	-7.3	86	0.00
4	C	Vinyl Chloride	50.000	54.737	-9.5#	85	0.00
5	T	Bromomethane	50.000	52.913	-5.8	88	-0.01
6	T	Chloroethane	50.000	58.521	-17.0	91	0.00
7	T	Trichlorofluoromethane	50.000	50.507	-1.0	79	-0.01
8	T	Diethyl Ether	50.000	55.869	-11.7	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.833	6.3	75	-0.01
10	T	Methyl Iodide	50.000	53.626	-7.3	74	-0.01
11	T	Tert butyl alcohol	250.000	307.172	-22.9	84	-0.01
12	CM	1,1-Dichloroethene	50.000	48.345	3.3#	75	-0.01
13	T	Acrolein	250.000	31.087	87.6#	56	-0.02
14	T	Allyl chloride	50.000	50.955	-1.9	77	-0.01
15	T	Acrylonitrile	250.000	310.054	-24.0	88	0.00
16	T	Acetone	250.000	237.851	4.9	62	0.00
17	T	Carbon Disulfide	50.000	50.894	-1.8	77	-0.01
18	T	Methyl Acetate	50.000	67.313	-34.6#	92	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.268	-12.5	82	0.00
20	T	Methylene Chloride	50.000	51.456	-2.9	86	-0.01
21	T	trans-1,2-Dichloroethene	50.000	52.323	-4.6	81	-0.02
22	T	Diisopropyl ether	50.000	57.469	-14.9	85	0.00
23	T	Vinyl Acetate	250.000	294.607	-17.8	83	-0.01
24	P	1,1-Dichloroethane	50.000	54.267	-8.5	83	-0.01
25	T	2-Butanone	250.000	286.281	-14.5	77	0.00
26	T	2,2-Dichloropropane	50.000	36.905	26.2#	58	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.285	-8.6	83	0.00
28	T	Bromochloromethane	50.000	60.877	-21.8	88	0.00
29	T	Tetrahydrofuran	250.000	316.832	-26.7#	86	0.00
30	C	Chloroform	50.000	55.423	-10.8#	85	0.00
31	T	Cyclohexane	50.000	44.984	10.0	72	0.00
32	T	1,1,1-Trichloroethane	50.000	50.614	-1.2	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.170	-10.3	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	49.195	1.6	90	0.00
36	T	1,1-Dichloropropene	50.000	47.117	5.8	77	0.00
37	T	Ethyl Acetate	50.000	57.459	-14.9	87	0.00
38	T	Carbon Tetrachloride	50.000	46.575	6.8	78	0.00
39	T	Methylcyclohexane	50.000	44.585	10.8	71	0.00
40	TM	Benzene	50.000	50.732	-1.5	82	0.00
41	T	Methacrylonitrile	50.000	57.328	-14.7	90	0.00
42	TM	1,2-Dichloroethane	50.000	53.683	-7.4	86	0.00
43	T	Isopropyl Acetate	50.000	56.173	-12.3	85	0.00
44	TM	Trichloroethene	50.000	47.559	4.9	79	0.00
45	C	1,2-Dichloropropane	50.000	52.581	-5.2#	85	0.00
46	T	Dibromomethane	50.000	55.481	-11.0	87	0.00
47	T	Bromodichloromethane	50.000	53.148	-6.3	86	0.00
48	T	Methyl methacrylate	50.000	58.187	-16.4	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1276.343	-27.6#	92	0.00
50	S	Toluene-d8	50.000	49.093	1.8	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	301.798	-20.7	87	0.00
52	CM	Toluene	50.000	51.652	-3.3#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	49.776	0.4	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.377	1.2	77	0.00
55	T	1,1,2-Trichloroethane	50.000	55.579	-11.2	85	0.00
56	T	Ethyl methacrylate	50.000	57.571	-15.1	83	0.00
57	T	1,3-Dichloropropane	50.000	55.356	-10.7	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.314	-8.5	80	0.00
59	T	2-Hexanone	250.000	306.897	-22.8	84	0.00
60	T	Dibromochloromethane	50.000	54.578	-9.2	86	0.00
61	T	1,2-Dibromoethane	50.000	54.971	-9.9	86	0.00
62	S	4-Bromofluorobenzene	50.000	50.188	-0.4	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	45.348	9.3	79	0.00
65	PM	Chlorobenzene	50.000	48.035	3.9	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.868	2.3	84	0.00
67	C	Ethyl Benzene	50.000	48.103	3.8#	81	0.00
68	T	m/p-Xylenes	100.000	96.230	3.8	80	0.00
69	T	o-Xylene	50.000	49.456	1.1	82	0.00
70	T	Styrene	50.000	51.444	-2.9	84	0.00
71	P	Bromoform	50.000	53.106	-6.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	45.481	9.0	79	0.00
74	T	N-amyl acetate	50.000	54.602	-9.2	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.030	-4.1	88	0.00
76	T	1,2,3-Trichloropropane	50.000	49.337	1.3	89	0.00
77	T	Bromobenzene	50.000	47.254	5.5	83	0.00
78	T	n-propylbenzene	50.000	46.136	7.7	80	0.00
79	T	2-Chlorotoluene	50.000	47.380	5.2	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.220	5.6	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.238	11.5	73	0.00
82	T	4-Chlorotoluene	50.000	47.583	4.8	84	0.00
83	T	tert-Butylbenzene	50.000	47.120	5.8	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.018	4.0	82	0.00
85	T	sec-Butylbenzene	50.000	45.352	9.3	78	0.00
86	T	p-Isopropyltoluene	50.000	46.004	8.0	79	0.00
87	T	1,3-Dichlorobenzene	50.000	46.448	7.1	83	0.00
88	T	1,4-Dichlorobenzene	50.000	46.740	6.5	83	0.00
89	T	n-Butylbenzene	50.000	45.766	8.5	77	0.00
90	T	Hexachloroethane	50.000	45.616	8.8	83	0.00
91	T	1,2-Dichlorobenzene	50.000	48.012	4.0	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.481	-5.0	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.189	5.6	79	0.00
94	T	Hexachlorobutadiene	50.000	43.266	13.5	75	0.00
95	T	Naphthalene	50.000	51.890	-3.8	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.539	0.9	82	0.00

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