Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
Data File : VY019756.D
Acq On : 02 Oct 2024 09:39
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: Oct 03 01:57:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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	47	0.00
2	T	Dichlorodifluoromethane	50.000	39.572	20.9	39	0.00
3	P	Chloromethane	50.000	43.601	12.8	43	0.00
4	C	Vinyl Chloride	50.000	48.572	2.9#	45	0.00
5	T	Bromomethane	50.000	54.929	-9.9	50	0.00
6	T	Chloroethane	50.000	52.882	-5.8	49	0.00
7	T	Trichlorofluoromethane	50.000	49.500	1.0	47	0.00
8	T	Diethyl Ether	50.000	48.589	2.8	43	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.383	1.2	47	0.00
10	T	Methyl Iodide	50.000	41.201	17.6	37	0.00
11	T	Tert butyl alcohol	250.000	286.797	-14.7	50	0.02
12	CM	1,1-Dichloroethene	50.000	47.742	4.5#	44	0.00
13	T	Acrolein	250.000	105.582	57.8#	24	0.00
14	T	Allyl chloride	50.000	47.569	4.9	44	0.00
15	T	Acrylonitrile	250.000	256.470	-2.6	45	0.01
16	T	Acetone	250.000	293.808	-17.5	49	0.00
17	T	Carbon Disulfide	50.000	42.878	14.2	37	0.00
18	T	Methyl Acetate	50.000	49.811	0.4	40	0.00
19	T	Methyl tert-butyl Ether	50.000	49.999	0.0	45	0.00
20	T	Methylene Chloride	50.000	47.290	5.4	44	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.166	5.7	43	0.00
22	T	Diisopropyl ether	50.000	51.138	-2.3	46	0.00
23	T	Vinyl Acetate	250.000	253.644	-1.5	46	0.00
24	P	1,1-Dichloroethane	50.000	51.114	-2.2	46	0.00
25	T	2-Butanone	250.000	268.158	-7.3	46	0.00
26	T	2,2-Dichloropropane	50.000	67.201	-34.4#	62	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.740	-1.5	46	0.00
28	T	Bromochloromethane	50.000	61.192	-22.4	54	0.00
29	T	Tetrahydrofuran	250.000	249.932	0.0	43	0.00
30	C	Chloroform	50.000	52.827	-5.7#	48	0.00
31	T	Cyclohexane	50.000	45.440	9.1	44	0.00
32	T	1,1,1-Trichloroethane	50.000	51.856	-3.7	48	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.972	-15.9	52	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	46	0.00
35	S	Dibromofluoromethane	50.000	56.315	-12.6	51	0.00
36	T	1,1-Dichloropropene	50.000	50.630	-1.3	46	0.00
37	T	Ethyl Acetate	50.000	50.714	-1.4	44	0.00
38	T	Carbon Tetrachloride	50.000	50.702	-1.4	47	0.00
39	T	Methylcyclohexane	50.000	47.529	4.9	44	0.00
40	TM	Benzene	50.000	50.062	-0.1	45	0.00
41	T	Methacrylonitrile	50.000	51.650	-3.3	42	0.00
42	TM	1,2-Dichloroethane	50.000	53.284	-6.6	48	0.00
43	T	Isopropyl Acetate	50.000	50.353	-0.7	45	0.00
44	TM	Trichloroethene	50.000	48.762	2.5	44	0.00
45	C	1,2-Dichloropropane	50.000	50.381	-0.8#	46	0.00
46	T	Dibromomethane	50.000	51.681	-3.4	45	0.00
47	T	Bromodichloromethane	50.000	52.545	-5.1	48	0.00
48	T	Methyl methacrylate	50.000	47.992	4.0	41	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1028.466	-2.8	46	0.00
50	S	Toluene-d8	50.000	54.883	-9.8	49	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.362	-3.3	45	0.00
52	CM	Toluene	50.000	49.861	0.3#	45	0.00
53	T	t-1,3-Dichloropropene	50.000	76.863	-53.7#	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.312	1.4	44	0.00
55	T	1,1,2-Trichloroethane	50.000	50.787	-1.6	45	0.00
56	T	Ethyl methacrylate	50.000	50.485	-1.0	45	0.00
57	T	1,3-Dichloropropane	50.000	51.188	-2.4	45	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.270	-10.1	49	0.00
59	T	2-Hexanone	250.000	253.729	-1.5	44	0.00
60	T	Dibromochloromethane	50.000	51.731	-3.5	46	0.00
61	T	1,2-Dibromoethane	50.000	48.761	2.5	43	0.00
62	S	4-Bromofluorobenzene	50.000	52.990	-6.0	49	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	46	0.00
64	T	Tetrachloroethene	50.000	48.167	3.7	44	0.00
65	PM	Chlorobenzene	50.000	50.433	-0.9	45	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.522	-3.0	46	0.00
67	C	Ethyl Benzene	50.000	51.366	-2.7#	46	0.00
68	T	m/p-Xylenes	100.000	100.490	-0.5	45	0.00
69	T	o-Xylene	50.000	49.795	0.4	45	0.00
70	T	Styrene	50.000	50.306	-0.6	45	0.00
71	P	Bromoform	50.000	51.375	-2.8	45	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	45	0.00
73	T	Isopropylbenzene	50.000	51.071	-2.1	47	0.00
74	T	N-amyl acetate	50.000	49.388	1.2	44	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.227	-0.5	44	0.00
76	T	1,2,3-Trichloropropane	50.000	47.755	4.5	39	0.00
77	T	Bromobenzene	50.000	49.575	0.8	45	0.00
78	T	n-propylbenzene	50.000	51.496	-3.0	47	0.00
79	T	2-Chlorotoluene	50.000	50.392	-0.8	46	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.525	-1.0	46	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.733	4.5	42	0.00
82	T	4-Chlorotoluene	50.000	50.034	-0.1	45	0.00
83	T	tert-Butylbenzene	50.000	50.712	-1.4	46	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.586	-1.2	46	0.00
85	T	sec-Butylbenzene	50.000	50.901	-1.8	46	0.00
86	T	p-Isopropyltoluene	50.000	50.963	-1.9	46	0.00
87	T	1,3-Dichlorobenzene	50.000	50.613	-1.2	46	0.00
88	T	1,4-Dichlorobenzene	50.000	49.890	0.2	45	0.00
89	T	n-Butylbenzene	50.000	51.055	-2.1	46	0.00
90	T	Hexachloroethane	50.000	50.243	-0.5	46	0.00
91	T	1,2-Dichlorobenzene	50.000	49.855	0.3	44	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.461	3.1	43	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.569	6.9	41	0.00
94	T	Hexachlorobutadiene	50.000	47.278	5.4	44	0.00
95	T	Naphthalene	50.000	46.017	8.0	40	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.050	7.9	40	0.00

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