Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
Data File : VY017102.D
Acq On : 25 Jan 2024 11:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 26 04:41:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	48.971	2.1	99	0.00
3	P	Chloromethane	50.000	52.938	-5.9	105	0.00
4	C	Vinyl Chloride	50.000	58.671	-17.3#	111	0.00
5	T	Bromomethane	50.000	55.580	-11.2	110	0.00
6	T	Chloroethane	50.000	57.989	-16.0	111	0.00
7	T	Trichlorofluoromethane	50.000	53.896	-7.8	106	0.00
8	T	Diethyl Ether	50.000	45.712	8.6	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.728	4.5	102	0.00
10	T	Methyl Iodide	50.000	51.457	-2.9	99	0.00
11	T	Tert butyl alcohol	250.000	228.954	8.4	100	0.00
12	CM	1,1-Dichloroethene	50.000	48.864	2.3#	103	0.00
13	T	Acrolein	250.000	213.535	14.6	87	0.00
14	T	Allyl chloride	50.000	50.012	-0.0	102	0.00
15	T	Acrylonitrile	250.000	234.031	6.4	95	0.00
16	T	Acetone	250.000	209.684	16.1	93	0.00
17	T	Carbon Disulfide	50.000	47.954	4.1	100	0.00
18	T	Methyl Acetate	50.000	50.038	-0.1	98	0.00
19	T	Methyl tert-butyl Ether	50.000	48.225	3.5	98	0.00
20	T	Methylene Chloride	50.000	51.612	-3.2	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.131	-0.3	103	0.00
22	T	Diisopropyl ether	50.000	50.368	-0.7	100	0.00
23	T	Vinyl Acetate	250.000	241.674	3.3	98	0.00
24	P	1,1-Dichloroethane	50.000	49.256	1.5	102	0.00
25	T	2-Butanone	250.000	214.576	14.2	95	0.00
26	T	2,2-Dichloropropane	50.000	50.043	-0.1	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.249	1.5	100	0.00
28	T	Bromochloromethane	50.000	48.708	2.6	85	0.00
29	T	Tetrahydrofuran	250.000	234.905	6.0	92	0.00
30	C	Chloroform	50.000	48.979	2.0#	102	0.00
31	T	Cyclohexane	50.000	52.897	-5.8	102	0.00
32	T	1,1,1-Trichloroethane	50.000	50.135	-0.3	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.998	6.0	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	47.437	5.1	90	0.00
36	T	1,1-Dichloropropene	50.000	50.361	-0.7	105	0.00
37	T	Ethyl Acetate	50.000	46.366	7.3	99	0.00
38	T	Carbon Tetrachloride	50.000	49.649	0.7	104	0.00
39	T	Methylcyclohexane	50.000	51.475	-3.0	103	0.00
40	TM	Benzene	50.000	49.304	1.4	101	0.00
41	T	Methacrylonitrile	50.000	43.371	13.3	98	0.00
42	TM	1,2-Dichloroethane	50.000	48.258	3.5	100	0.00
43	T	Isopropyl Acetate	50.000	47.363	5.3	95	0.00
44	TM	Trichloroethene	50.000	49.480	1.0	103	0.00
45	C	1,2-Dichloropropane	50.000	49.141	1.7#	100	0.00
46	T	Dibromomethane	50.000	47.876	4.2	99	0.00
47	T	Bromodichloromethane	50.000	49.189	1.6	100	0.00
48	T	Methyl methacrylate	50.000	49.211	1.6	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1066.612	-6.7	108	0.00
50	S	Toluene-d8	50.000	48.395	3.2	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.820	4.5	96	0.00
52	CM	Toluene	50.000	50.838	-1.7#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	50.498	-1.0	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.180	-0.4	101	0.00
55	T	1,1,2-Trichloroethane	50.000	47.525	5.0	97	0.00
56	T	Ethyl methacrylate	50.000	51.334	-2.7	99	0.00
57	T	1,3-Dichloropropane	50.000	48.624	2.8	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.616	-9.8	98	0.00
59	T	2-Hexanone	250.000	220.296	11.9	95	0.00
60	T	Dibromochloromethane	50.000	49.150	1.7	101	0.00
61	T	1,2-Dibromoethane	50.000	48.509	3.0	99	0.00
62	S	4-Bromofluorobenzene	50.000	48.996	2.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	48.372	3.3	102	0.00
65	PM	Chlorobenzene	50.000	49.812	0.4	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.177	-0.4	102	0.00
67	C	Ethyl Benzene	50.000	51.276	-2.6#	103	0.00
68	T	m/p-Xylenes	100.000	103.288	-3.3	104	0.00
69	T	o-Xylene	50.000	51.850	-3.7	102	0.00
70	T	Styrene	50.000	52.468	-4.9	101	0.00
71	P	Bromoform	50.000	48.779	2.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	50.909	-1.8	104	0.00
74	T	N-amyl acetate	50.000	49.644	0.7	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.038	7.9	96	0.00
76	T	1,2,3-Trichloropropane	50.000	45.526	8.9	91	0.00
77	T	Bromobenzene	50.000	48.924	2.2	101	0.00
78	T	n-propylbenzene	50.000	51.333	-2.7	103	0.00
79	T	2-Chlorotoluene	50.000	50.420	-0.8	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.868	-3.7	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.993	4.0	102	0.00
82	T	4-Chlorotoluene	50.000	50.183	-0.4	103	0.00
83	T	tert-Butylbenzene	50.000	51.222	-2.4	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.403	-2.8	103	0.00
85	T	sec-Butylbenzene	50.000	52.043	-4.1	103	0.00
86	T	p-Isopropyltoluene	50.000	53.258	-6.5	105	0.00
87	T	1,3-Dichlorobenzene	50.000	49.315	1.4	101	0.00
88	T	1,4-Dichlorobenzene	50.000	48.508	3.0	101	0.00
89	T	n-Butylbenzene	50.000	53.113	-6.2	105	0.00
90	T	Hexachloroethane	50.000	50.133	-0.3	104	0.00
91	T	1,2-Dichlorobenzene	50.000	49.119	1.8	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.696	8.6	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.988	0.0	103	0.00
94	T	Hexachlorobutadiene	50.000	48.825	2.3	103	0.00
95	T	Naphthalene	50.000	51.083	-2.2	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.382	1.2	102	0.00

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