Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017823.D
Acq On : 03 Apr 2024 09:34
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: Apr 04 01:06:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	46.378	7.2	109	0.00
3	P	Chloromethane	50.000	43.455	13.1	94	0.00
4	C	Vinyl Chloride	50.000	44.050	11.9#	96	0.01
5	T	Bromomethane	50.000	41.589	16.8	95	0.01
6	T	Chloroethane	50.000	45.135	9.7	98	0.01
7	T	Trichlorofluoromethane	50.000	46.367	7.3	104	0.01
8	T	Diethyl Ether	50.000	45.274	9.5	98	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.591	4.8	106	0.01
10	T	Methyl Iodide	50.000	51.398	-2.8	103	0.01
11	T	Tert butyl alcohol	250.000	209.112	16.4	86	0.00
12	CM	1,1-Dichloroethene	50.000	47.188	5.6#	103	0.01
13	T	Acrolein	250.000	237.045	5.2	99	0.01
14	T	Allyl chloride	50.000	47.504	5.0	102	0.01
15	T	Acrylonitrile	250.000	223.644	10.5	95	0.01
16	T	Acetone	250.000	250.622	-0.2	105	0.01
17	T	Carbon Disulfide	50.000	46.996	6.0	95	0.01
18	T	Methyl Acetate	50.000	43.751	12.5	96	0.01
19	T	Methyl tert-butyl Ether	50.000	45.936	8.1	99	0.01
20	T	Methylene Chloride	50.000	44.971	10.1	95	0.02
21	T	trans-1,2-Dichloroethene	50.000	48.220	3.6	103	0.01
22	T	Diisopropyl ether	50.000	48.705	2.6	104	0.02
23	T	Vinyl Acetate	250.000	234.922	6.0	99	0.01
24	P	1,1-Dichloroethane	50.000	48.618	2.8	107	0.02
25	T	2-Butanone	250.000	235.008	6.0	100	0.02
26	T	2,2-Dichloropropane	50.000	48.159	3.7	109	0.01
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	105	0.01
28	T	Bromochloromethane	50.000	49.595	0.8	91	0.02
29	T	Tetrahydrofuran	250.000	221.179	11.5	94	0.01
30	C	Chloroform	50.000	48.313	3.4#	107	0.01
31	T	Cyclohexane	50.000	45.995	8.0	103	0.01
32	T	1,1,1-Trichloroethane	50.000	48.544	2.9	108	0.01
33	S	1,2-Dichloroethane-d4	50.000	51.445	-2.9	108	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.01
35	S	Dibromofluoromethane	50.000	57.196	-14.4	112	0.01
36	T	1,1-Dichloropropene	50.000	51.487	-3.0	105	0.01
37	T	Ethyl Acetate	50.000	44.309	11.4	93	0.01
38	T	Carbon Tetrachloride	50.000	51.844	-3.7	108	0.01
39	T	Methylcyclohexane	50.000	51.611	-3.2	103	0.00
40	TM	Benzene	50.000	50.477	-1.0	105	0.01
41	T	Methacrylonitrile	50.000	44.220	11.6	81	-0.01
42	TM	1,2-Dichloroethane	50.000	49.126	1.7	102	0.01
43	T	Isopropyl Acetate	50.000	46.464	7.1	97	0.00
44	TM	Trichloroethene	50.000	50.639	-1.3	105	0.01
45	C	1,2-Dichloropropane	50.000	50.358	-0.7#	105	0.00
46	T	Dibromomethane	50.000	50.048	-0.1	103	0.01
47	T	Bromodichloromethane	50.000	50.580	-1.2	105	0.00
48	T	Methyl methacrylate	50.000	49.892	0.2	96	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	954.265	4.6	96	0.01
50	S	Toluene-d8	50.000	57.625	-15.3	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.799	-3.1	98	0.00
52	CM	Toluene	50.000	52.159	-4.3#	108	0.01
53	T	t-1,3-Dichloropropene	50.000	50.800	-1.6	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.475	-1.0	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.603	0.8	105	0.00
56	T	Ethyl methacrylate	50.000	52.477	-5.0	100	0.00
57	T	1,3-Dichloropropane	50.000	50.071	-0.1	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.968	-0.4	82	0.00
59	T	2-Hexanone	250.000	262.882	-5.2	100	0.00
60	T	Dibromochloromethane	50.000	51.116	-2.2	108	0.00
61	T	1,2-Dibromoethane	50.000	49.756	0.5	103	0.01
62	S	4-Bromofluorobenzene	50.000	57.401	-14.8	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	49.576	0.8	107	0.00
65	PM	Chlorobenzene	50.000	49.428	1.1	108	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	49.723	0.6	109	0.01
67	C	Ethyl Benzene	50.000	50.808	-1.6#	109	0.00
68	T	m/p-Xylenes	100.000	101.949	-1.9	109	0.00
69	T	o-Xylene	50.000	56.110	-12.2	110	0.01
70	T	Styrene	50.000	55.804	-11.6	109	0.00
71	P	Bromoform	50.000	49.473	1.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	52.082	-4.2	111	0.00
74	T	N-amyl acetate	50.000	50.006	-0.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.283	3.4	104	0.00
76	T	1,2,3-Trichloropropane	50.000	48.377	3.2	100	0.01
77	T	Bromobenzene	50.000	49.880	0.2	109	0.00
78	T	n-propylbenzene	50.000	52.658	-5.3	110	0.00
79	T	2-Chlorotoluene	50.000	51.285	-2.6	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.993	-4.0	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.154	-0.3	98	0.00
82	T	4-Chlorotoluene	50.000	51.015	-2.0	108	0.00
83	T	tert-Butylbenzene	50.000	51.726	-3.5	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.701	-3.4	109	0.01
85	T	sec-Butylbenzene	50.000	52.991	-6.0	111	0.01
86	T	p-Isopropyltoluene	50.000	51.882	-3.8	110	0.00
87	T	1,3-Dichlorobenzene	50.000	49.027	1.9	108	0.00
88	T	1,4-Dichlorobenzene	50.000	49.731	0.5	108	0.00
89	T	n-Butylbenzene	50.000	52.735	-5.5	110	0.00
90	T	Hexachloroethane	50.000	50.830	-1.7	111	0.01
91	T	1,2-Dichlorobenzene	50.000	50.555	-1.1	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.250	9.5	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.241	1.5	100	0.00
94	T	Hexachlorobutadiene	50.000	49.542	0.9	106	0.00
95	T	Naphthalene	50.000	47.973	4.1	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.113	5.8	96	0.01

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