Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
Data File : VY012554.D
Acq On : 09 Feb 2023 09:40
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 09 16:37:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
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	94	0.00
2	T	Dichlorodifluoromethane	50.000	46.544	6.9	91	0.00
3	P	Chloromethane	50.000	43.910	12.2	92	0.00
4	C	Vinyl Chloride	50.000	44.925	10.2#	92	0.00
5	T	Bromomethane	50.000	51.973	-3.9	99	0.00
6	T	Chloroethane	50.000	47.220	5.6	96	0.00
7	T	Trichlorofluoromethane	50.000	47.199	5.6	94	0.00
8	T	Diethyl Ether	50.000	48.672	2.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.092	3.8	93	0.00
10	T	Methyl Iodide	50.000	42.675	14.7	78	0.00
11	T	Tert butyl alcohol	250.000	211.903	15.2	96	0.00
12	CM	1,1-Dichloroethene	50.000	47.696	4.6#	95	0.00
13	T	Acrolein	250.000	224.178	10.3	95	0.00
14	T	Allyl chloride	50.000	47.592	4.8	93	0.00
15	T	Acrylonitrile	250.000	257.609	-3.0	105	0.00
16	T	Acetone	250.000	281.391	-12.6	108	0.00
17	T	Carbon Disulfide	50.000	43.480	13.0	90	0.00
18	T	Methyl Acetate	50.000	47.337	5.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	51.826	-3.7	102	0.00
20	T	Methylene Chloride	50.000	47.289	5.4	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.890	4.2	94	0.00
22	T	Diisopropyl ether	50.000	51.042	-2.1	97	0.00
23	T	Vinyl Acetate	250.000	265.130	-6.1	101	0.00
24	P	1,1-Dichloroethane	50.000	49.226	1.5	96	0.00
25	T	2-Butanone	250.000	261.856	-4.7	107	0.00
26	T	2,2-Dichloropropane	50.000	49.031	1.9	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.017	-0.0	97	0.00
28	T	Bromochloromethane	50.000	52.392	-4.8	96	0.00
29	T	Tetrahydrofuran	250.000	262.895	-5.2	108	0.00
30	C	Chloroform	50.000	50.326	-0.7#	98	0.00
31	T	Cyclohexane	50.000	45.412	9.2	92	0.00
32	T	1,1,1-Trichloroethane	50.000	50.005	-0.0	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.988	-2.0	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	52.863	-5.7	96	0.00
36	T	1,1-Dichloropropene	50.000	49.439	1.1	95	0.00
37	T	Ethyl Acetate	50.000	52.543	-5.1	107	0.00
38	T	Carbon Tetrachloride	50.000	51.354	-2.7	99	0.00
39	T	Methylcyclohexane	50.000	48.894	2.2	93	0.00
40	TM	Benzene	50.000	50.308	-0.6	97	0.00
41	T	Methacrylonitrile	50.000	50.570	-1.1	89	-0.02
42	TM	1,2-Dichloroethane	50.000	51.696	-3.4	100	0.00
43	T	Isopropyl Acetate	50.000	53.911	-7.8	106	0.00
44	TM	Trichloroethene	50.000	50.946	-1.9	98	0.00
45	C	1,2-Dichloropropane	50.000	50.341	-0.7#	95	0.00
46	T	Dibromomethane	50.000	52.022	-4.0	102	0.00
47	T	Bromodichloromethane	50.000	51.676	-3.4	98	0.00
48	T	Methyl methacrylate	50.000	54.483	-9.0	108	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1120.204	-12.0	113	0.00
50	S	Toluene-d8	50.000	52.770	-5.5	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.855	-11.1	110	0.00
52	CM	Toluene	50.000	50.993	-2.0#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	52.381	-4.8	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.273	-2.5	97	0.00
55	T	1,1,2-Trichloroethane	50.000	52.644	-5.3	102	0.00
56	T	Ethyl methacrylate	50.000	55.804	-11.6	107	0.00
57	T	1,3-Dichloropropane	50.000	53.517	-7.0	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.475	-8.2	104	0.00
59	T	2-Hexanone	250.000	287.161	-14.9	112	0.00
60	T	Dibromochloromethane	50.000	53.571	-7.1	102	0.00
61	T	1,2-Dibromoethane	50.000	52.744	-5.5	103	0.00
62	S	4-Bromofluorobenzene	50.000	52.459	-4.9	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	54.511	-9.0	101	0.00
65	PM	Chlorobenzene	50.000	50.704	-1.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.739	-3.5	100	0.00
67	C	Ethyl Benzene	50.000	51.463	-2.9#	98	0.00
68	T	m/p-Xylenes	100.000	102.302	-2.3	97	0.00
69	T	o-Xylene	50.000	51.596	-3.2	97	0.00
70	T	Styrene	50.000	52.325	-4.7	99	0.00
71	P	Bromoform	50.000	54.639	-9.3	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	51.754	-3.5	99	0.00
74	T	N-amyl acetate	50.000	53.827	-7.7	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.978	-2.0	106	0.00
76	T	1,2,3-Trichloropropane	50.000	52.488	-5.0	110	0.00
77	T	Bromobenzene	50.000	51.060	-2.1	101	0.00
78	T	n-propylbenzene	50.000	51.043	-2.1	97	0.00
79	T	2-Chlorotoluene	50.000	51.192	-2.4	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.751	-3.5	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.167	-6.3	107	0.00
82	T	4-Chlorotoluene	50.000	50.498	-1.0	97	0.00
83	T	tert-Butylbenzene	50.000	52.565	-5.1	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.888	-3.8	98	0.00
85	T	sec-Butylbenzene	50.000	51.520	-3.0	98	0.00
86	T	p-Isopropyltoluene	50.000	51.622	-3.2	98	0.00
87	T	1,3-Dichlorobenzene	50.000	50.947	-1.9	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.535	-1.1	99	0.00
89	T	n-Butylbenzene	50.000	51.580	-3.2	97	0.00
90	T	Hexachloroethane	50.000	50.648	-1.3	98	0.00
91	T	1,2-Dichlorobenzene	50.000	51.036	-2.1	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.234	-8.5	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.171	-4.3	102	0.00
94	T	Hexachlorobutadiene	50.000	49.889	0.2	98	0.00
95	T	Naphthalene	50.000	54.896	-9.8	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.568	-5.1	104	0.00

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