Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014576.D
Acq On : 06 Jul 2023 09:48
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: Jul 06 10:12:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	56.711	-13.4	87	0.00
3	P	Chloromethane	50.000	51.827	-3.7	85	0.00
4	C	Vinyl Chloride	50.000	55.150	-10.3#	89	0.00
5	T	Bromomethane	50.000	54.444	-8.9	93	-0.02
6	T	Chloroethane	50.000	56.514	-13.0	90	-0.01
7	T	Trichlorofluoromethane	50.000	55.033	-10.1	89	-0.02
8	T	Diethyl Ether	50.000	49.175	1.7	76	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.923	-9.8	89	-0.02
10	T	Methyl Iodide	50.000	51.559	-3.1	75	-0.01
11	T	Tert butyl alcohol	250.000	249.083	0.4	78	-0.02
12	CM	1,1-Dichloroethene	50.000	52.615	-5.2#	82	-0.01
13	T	Acrolein	250.000	240.375	3.9	74	0.00
14	T	Allyl chloride	50.000	48.661	2.7	75	-0.01
15	T	Acrylonitrile	250.000	239.049	4.4	71	-0.02
16	T	Acetone	250.000	260.037	-4.0	80	-0.02
17	T	Carbon Disulfide	50.000	50.194	-0.4	79	-0.01
18	T	Methyl Acetate	50.000	45.421	9.2	71	-0.01
19	T	Methyl tert-butyl Ether	50.000	51.179	-2.4	77	-0.01
20	T	Methylene Chloride	50.000	54.231	-8.5	81	-0.01
21	T	trans-1,2-Dichloroethene	50.000	52.605	-5.2	81	-0.01
22	T	Diisopropyl ether	50.000	48.641	2.7	72	0.00
23	T	Vinyl Acetate	250.000	248.269	0.7	71	-0.01
24	P	1,1-Dichloroethane	50.000	48.857	2.3	76	0.00
25	T	2-Butanone	250.000	239.488	4.2	70	-0.01
26	T	2,2-Dichloropropane	50.000	50.666	-1.3	81	-0.01
27	T	cis-1,2-Dichloroethene	50.000	50.104	-0.2	76	0.00
28	T	Bromochloromethane	50.000	48.014	4.0	74	0.00
29	T	Tetrahydrofuran	250.000	236.756	5.3	68	0.00
30	C	Chloroform	50.000	49.868	0.3#	78	-0.01
31	T	Cyclohexane	50.000	47.543	4.9	77	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.342	-0.7	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.087	1.8	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	56.209	-12.4	79	0.00
36	T	1,1-Dichloropropene	50.000	54.598	-9.2	78	-0.01
37	T	Ethyl Acetate	50.000	50.361	-0.7	69	0.00
38	T	Carbon Tetrachloride	50.000	56.365	-12.7	82	0.00
39	T	Methylcyclohexane	50.000	56.342	-12.7	80	0.00
40	TM	Benzene	50.000	52.224	-4.4	75	0.00
41	T	Methacrylonitrile	50.000	51.047	-2.1	71	0.00
42	TM	1,2-Dichloroethane	50.000	53.173	-6.3	76	0.00
43	T	Isopropyl Acetate	50.000	50.882	-1.8	70	0.00
44	TM	Trichloroethene	50.000	54.875	-9.8	79	0.00
45	C	1,2-Dichloropropane	50.000	52.815	-5.6#	76	0.00
46	T	Dibromomethane	50.000	54.694	-9.4	78	0.00
47	T	Bromodichloromethane	50.000	54.448	-8.9	78	0.00
48	T	Methyl methacrylate	50.000	52.690	-5.4	71	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1053.042	-5.3	67	-0.02
50	S	Toluene-d8	50.000	54.234	-8.5	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.889	-3.2	69	0.00
52	CM	Toluene	50.000	53.506	-7.0#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	54.033	-8.1	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.847	-7.7	76	0.00
55	T	1,1,2-Trichloroethane	50.000	53.437	-6.9	75	0.00
56	T	Ethyl methacrylate	50.000	53.549	-7.1	72	0.00
57	T	1,3-Dichloropropane	50.000	53.084	-6.2	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.095	-5.2	69	0.00
59	T	2-Hexanone	250.000	266.087	-6.4	70	0.00
60	T	Dibromochloromethane	50.000	55.555	-11.1	78	0.00
61	T	1,2-Dibromoethane	50.000	54.435	-8.9	76	0.00
62	S	4-Bromofluorobenzene	50.000	54.872	-9.7	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64	T	Tetrachloroethene	50.000	55.454	-10.9	80	0.00
65	PM	Chlorobenzene	50.000	54.502	-9.0	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.715	-13.4	80	0.00
67	C	Ethyl Benzene	50.000	55.449	-10.9#	78	0.00
68	T	m/p-Xylenes	100.000	111.504	-11.5	77	0.00
69	T	o-Xylene	50.000	55.017	-10.0	76	0.00
70	T	Styrene	50.000	55.727	-11.5	76	0.00
71	P	Bromoform	50.000	57.415	-14.8	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73	T	Isopropylbenzene	50.000	54.692	-9.4	78	0.00
74	T	N-amyl acetate	50.000	51.893	-3.8	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.593	-5.2	75	0.00
76	T	1,2,3-Trichloropropane	50.000	52.841	-5.7	76	0.00
77	T	Bromobenzene	50.000	54.450	-8.9	79	0.00
78	T	n-propylbenzene	50.000	55.512	-11.0	79	0.00
79	T	2-Chlorotoluene	50.000	56.118	-12.2	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.009	-14.0	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.766	-1.5	73	0.00
82	T	4-Chlorotoluene	50.000	55.161	-10.3	80	0.00
83	T	tert-Butylbenzene	50.000	55.402	-10.8	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.308	-10.6	78	0.00
85	T	sec-Butylbenzene	50.000	55.980	-12.0	81	0.00
86	T	p-Isopropyltoluene	50.000	56.657	-13.3	81	0.00
87	T	1,3-Dichlorobenzene	50.000	54.465	-8.9	80	0.00
88	T	1,4-Dichlorobenzene	50.000	52.911	-5.8	78	0.00
89	T	n-Butylbenzene	50.000	56.774	-13.5	82	0.00
90	T	Hexachloroethane	50.000	56.346	-12.7	84	0.00
91	T	1,2-Dichlorobenzene	50.000	54.589	-9.2	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.890	-1.8	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.565	-15.1	83	0.00
94	T	Hexachlorobutadiene	50.000	60.607	-21.2	90	0.00
95	T	Naphthalene	50.000	54.509	-9.0	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.833	-13.7	81	0.00

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