Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
Data File : VY014606.D
Acq On : 07 Jul 2023 19:17
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 08 03:49:11 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	46.810	6.4	72	0.00
3	P	Chloromethane	50.000	46.827	6.3	76	0.00
4	C	Vinyl Chloride	50.000	49.663	0.7#	80	-0.01
5	T	Bromomethane	50.000	50.197	-0.4	85	-0.02
6	T	Chloroethane	50.000	51.050	-2.1	81	-0.01
7	T	Trichlorofluoromethane	50.000	46.912	6.2	75	-0.02
8	T	Diethyl Ether	50.000	48.850	2.3	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.980	2.0	79	-0.02
10	T	Methyl Iodide	50.000	42.814	14.4	62	-0.02
11	T	Tert butyl alcohol	250.000	233.813	6.5	73	-0.01
12	CM	1,1-Dichloroethene	50.000	47.893	4.2#	74	-0.01
13	T	Acrolein	250.000	235.192	5.9	72	0.00
14	T	Allyl chloride	50.000	45.039	9.9	69	-0.02
15	T	Acrylonitrile	250.000	229.164	8.3	68	-0.01
16	T	Acetone	250.000	224.249	10.3	68	-0.01
17	T	Carbon Disulfide	50.000	46.138	7.7	72	-0.01
18	T	Methyl Acetate	50.000	47.599	4.8	74	0.00
19	T	Methyl tert-butyl Ether	50.000	47.342	5.3	70	0.00
20	T	Methylene Chloride	50.000	53.749	-7.5	80	-0.01
21	T	trans-1,2-Dichloroethene	50.000	46.276	7.4	71	-0.01
22	T	Diisopropyl ether	50.000	47.907	4.2	70	0.00
23	T	Vinyl Acetate	250.000	238.794	4.5	67	-0.01
24	P	1,1-Dichloroethane	50.000	47.063	5.9	73	0.00
25	T	2-Butanone	250.000	226.632	9.3	66	0.00
26	T	2,2-Dichloropropane	50.000	39.184	21.6	62	-0.01
27	T	cis-1,2-Dichloroethene	50.000	46.913	6.2	71	0.00
28	T	Bromochloromethane	50.000	50.963	-1.9	78	0.00
29	T	Tetrahydrofuran	250.000	242.924	2.8	69	0.00
30	C	Chloroform	50.000	47.778	4.4#	74	0.00
31	T	Cyclohexane	50.000	43.640	12.7	70	0.00
32	T	1,1,1-Trichloroethane	50.000	46.457	7.1	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.011	-0.0	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	52.359	-4.7	78	0.00
36	T	1,1-Dichloropropene	50.000	47.403	5.2	72	-0.01
37	T	Ethyl Acetate	50.000	48.342	3.3	70	0.00
38	T	Carbon Tetrachloride	50.000	47.509	5.0	73	0.00
39	T	Methylcyclohexane	50.000	47.056	5.9	70	0.00
40	TM	Benzene	50.000	46.972	6.1	71	0.00
41	T	Methacrylonitrile	50.000	45.530	8.9	67	-0.01
42	TM	1,2-Dichloroethane	50.000	49.215	1.6	74	0.00
43	T	Isopropyl Acetate	50.000	48.047	3.9	70	0.00
44	TM	Trichloroethene	50.000	47.573	4.9	72	0.00
45	C	1,2-Dichloropropane	50.000	48.768	2.5#	74	0.00
46	T	Dibromomethane	50.000	50.570	-1.1	76	0.00
47	T	Bromodichloromethane	50.000	49.783	0.4	75	0.00
48	T	Methyl methacrylate	50.000	49.972	0.1	71	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	969.339	3.1	65	-0.02
50	S	Toluene-d8	50.000	50.398	-0.8	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.673	0.9	70	0.00
52	CM	Toluene	50.000	47.601	4.8#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	47.280	5.4	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.245	5.5	70	0.00
55	T	1,1,2-Trichloroethane	50.000	49.617	0.8	73	0.00
56	T	Ethyl methacrylate	50.000	50.170	-0.3	71	0.00
57	T	1,3-Dichloropropane	50.000	49.370	1.3	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	269.613	-7.8	75	0.00
59	T	2-Hexanone	250.000	251.390	-0.6	70	0.00
60	T	Dibromochloromethane	50.000	50.322	-0.6	75	0.00
61	T	1,2-Dibromoethane	50.000	49.924	0.2	74	0.00
62	S	4-Bromofluorobenzene	50.000	51.487	-3.0	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	50.555	-1.1	78	0.00
65	PM	Chlorobenzene	50.000	48.262	3.5	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.739	0.5	75	0.00
67	C	Ethyl Benzene	50.000	48.111	3.8#	72	0.00
68	T	m/p-Xylenes	100.000	96.319	3.7	71	0.00
69	T	o-Xylene	50.000	48.361	3.3	71	0.00
70	T	Styrene	50.000	49.160	1.7	71	0.00
71	P	Bromoform	50.000	50.751	-1.5	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	47.408	5.2	72	0.00
74	T	N-amyl acetate	50.000	47.642	4.7	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.361	3.3	73	0.00
76	T	1,2,3-Trichloropropane	50.000	48.305	3.4	74	0.00
77	T	Bromobenzene	50.000	47.952	4.1	74	0.00
78	T	n-propylbenzene	50.000	47.957	4.1	73	0.00
79	T	2-Chlorotoluene	50.000	47.806	4.4	73	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.047	3.9	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.630	12.7	66	0.00
82	T	4-Chlorotoluene	50.000	47.253	5.5	73	0.00
83	T	tert-Butylbenzene	50.000	47.159	5.7	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.200	3.6	72	0.00
85	T	sec-Butylbenzene	50.000	47.645	4.7	73	0.00
86	T	p-Isopropyltoluene	50.000	47.853	4.3	73	0.00
87	T	1,3-Dichlorobenzene	50.000	47.320	5.4	74	0.00
88	T	1,4-Dichlorobenzene	50.000	46.886	6.2	74	0.00
89	T	n-Butylbenzene	50.000	47.885	4.2	73	0.00
90	T	Hexachloroethane	50.000	48.645	2.7	77	0.00
91	T	1,2-Dichlorobenzene	50.000	47.839	4.3	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.379	3.2	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.662	2.7	74	0.00
94	T	Hexachlorobutadiene	50.000	49.322	1.4	78	0.00
95	T	Naphthalene	50.000	48.980	2.0	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.327	-0.7	76	0.00

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