Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
Data File : VY016093.D
Acq On : 26 Oct 2023 21:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 27 08:56:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 26 13:59:06 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	50.929	-1.9	88	0.00
3	P	Chloromethane	50.000	53.137	-6.3	91	0.00
4	C	Vinyl Chloride	50.000	51.240	-2.5#	88	0.00
5	T	Bromomethane	50.000	52.133	-4.3	92	0.00
6	T	Chloroethane	50.000	51.516	-3.0	88	0.00
7	T	Trichlorofluoromethane	50.000	49.316	1.4	86	0.00
8	T	Diethyl Ether	50.000	53.828	-7.7	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.293	3.4	85	0.00
10	T	Methyl Iodide	50.000	50.751	-1.5	84	0.01
11	T	Tert butyl alcohol	250.000	212.559	15.0	88	0.01
12	CM	1,1-Dichloroethene	50.000	49.226	1.5#	84	0.01
13	T	Acrolein	250.000	236.535	5.4	88	0.01
14	T	Allyl chloride	50.000	51.609	-3.2	88	0.01
15	T	Acrylonitrile	250.000	287.494	-15.0	98	0.01
16	T	Acetone	250.000	189.324	24.3	67	0.00
17	T	Carbon Disulfide	50.000	49.443	1.1	86	0.00
18	T	Methyl Acetate	50.000	62.549	-25.1#	106	0.01
19	T	Methyl tert-butyl Ether	50.000	55.240	-10.5	93	0.00
20	T	Methylene Chloride	50.000	63.574	-27.1#	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.669	-1.3	87	0.00
22	T	Diisopropyl ether	50.000	54.365	-8.7	91	0.00
23	T	Vinyl Acetate	250.000	262.216	-4.9	88	0.01
24	P	1,1-Dichloroethane	50.000	51.892	-3.8	89	0.00
25	T	2-Butanone	250.000	253.408	-1.4	89	0.00
26	T	2,2-Dichloropropane	50.000	46.135	7.7	82	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.414	-4.8	91	0.01
28	T	Bromochloromethane	50.000	56.405	-12.8	95	0.01
29	T	Tetrahydrofuran	250.000	296.856	-18.7	99	0.01
30	C	Chloroform	50.000	52.993	-6.0#	91	0.00
31	T	Cyclohexane	50.000	46.586	6.8	84	0.00
32	T	1,1,1-Trichloroethane	50.000	51.109	-2.2	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.464	-10.9	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	53.172	-6.3	94	0.01
36	T	1,1-Dichloropropene	50.000	48.133	3.7	86	0.00
37	T	Ethyl Acetate	50.000	54.682	-9.4	96	0.01
38	T	Carbon Tetrachloride	50.000	48.636	2.7	86	0.00
39	T	Methylcyclohexane	50.000	47.929	4.1	84	0.00
40	TM	Benzene	50.000	50.775	-1.5	89	0.00
41	T	Methacrylonitrile	50.000	60.979	-22.0	107	0.00
42	TM	1,2-Dichloroethane	50.000	52.510	-5.0	92	0.01
43	T	Isopropyl Acetate	50.000	55.287	-10.6	96	0.00
44	TM	Trichloroethene	50.000	50.407	-0.8	89	0.00
45	C	1,2-Dichloropropane	50.000	52.045	-4.1#	90	0.00
46	T	Dibromomethane	50.000	54.208	-8.4	95	0.00
47	T	Bromodichloromethane	50.000	52.784	-5.6	92	0.00
48	T	Methyl methacrylate	50.000	54.463	-8.9	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1145.026	-14.5	100	0.00
50	S	Toluene-d8	50.000	54.001	-8.0	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.383	-16.2	99	0.00
52	CM	Toluene	50.000	51.042	-2.1#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	53.784	-7.6	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.037	-6.1	91	0.00
55	T	1,1,2-Trichloroethane	50.000	55.154	-10.3	97	0.00
56	T	Ethyl methacrylate	50.000	57.642	-15.3	97	0.00
57	T	1,3-Dichloropropane	50.000	54.817	-9.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.620	-15.4	100	0.00
59	T	2-Hexanone	250.000	281.953	-12.8	97	0.00
60	T	Dibromochloromethane	50.000	54.131	-8.3	94	0.00
61	T	1,2-Dibromoethane	50.000	55.767	-11.5	97	0.00
62	S	4-Bromofluorobenzene	50.000	55.677	-11.4	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	54.634	-9.3	102	0.00
65	PM	Chlorobenzene	50.000	49.557	0.9	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.258	-2.5	91	0.00
67	C	Ethyl Benzene	50.000	49.228	1.5#	89	0.00
68	T	m/p-Xylenes	100.000	98.380	1.6	89	0.00
69	T	o-Xylene	50.000	50.179	-0.4	90	0.00
70	T	Styrene	50.000	51.840	-3.7	92	0.00
71	P	Bromoform	50.000	53.930	-7.9	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	47.986	4.0	89	0.00
74	T	N-amyl acetate	50.000	53.750	-7.5	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.715	-5.4	99	0.00
76	T	1,2,3-Trichloropropane	50.000	90.741	-81.5#	176	0.00
77	T	Bromobenzene	50.000	49.918	0.2	93	0.00
78	T	n-propylbenzene	50.000	47.905	4.2	89	0.00
79	T	2-Chlorotoluene	50.000	48.585	2.8	91	0.01
80	T	1,3,5-Trimethylbenzene	50.000	48.711	2.6	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.440	-4.9	98	0.00
82	T	4-Chlorotoluene	50.000	48.232	3.5	90	0.00
83	T	tert-Butylbenzene	50.000	48.844	2.3	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.870	2.3	90	0.00
85	T	sec-Butylbenzene	50.000	47.715	4.6	89	0.00
86	T	p-Isopropyltoluene	50.000	47.737	4.5	88	0.00
87	T	1,3-Dichlorobenzene	50.000	48.752	2.5	91	0.00
88	T	1,4-Dichlorobenzene	50.000	49.181	1.6	93	0.00
89	T	n-Butylbenzene	50.000	48.483	3.0	90	0.00
90	T	Hexachloroethane	50.000	47.806	4.4	89	0.00
91	T	1,2-Dichlorobenzene	50.000	50.435	-0.9	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.952	-9.9	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.123	-2.2	94	0.00
94	T	Hexachlorobutadiene	50.000	48.539	2.9	91	0.00
95	T	Naphthalene	50.000	57.322	-14.6	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.259	-4.5	96	0.00

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