Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
Data File : VY013813.D
Acq On : 19 May 2023 11:31
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: May 22 04:04:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	54.718	-9.4	114	0.00
3	P	Chloromethane	50.000	43.047	13.9	92	0.00
4	C	Vinyl Chloride	50.000	45.651	8.7#	96	0.00
5	T	Bromomethane	50.000	35.912	28.2#	84	0.00
6	T	Chloroethane	50.000	42.213	15.6	92	0.00
7	T	Trichlorofluoromethane	50.000	54.625	-9.3	114	0.00
8	T	Diethyl Ether	50.000	51.540	-3.1	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.491	-3.0	109	-0.01
10	T	Methyl Iodide	50.000	53.145	-6.3	104	0.00
11	T	Tert butyl alcohol	250.000	262.801	-5.1	108	-0.02
12	CM	1,1-Dichloroethene	50.000	51.954	-3.9#	107	0.00
13	T	Acrolein	250.000	226.443	9.4	93	0.00
14	T	Allyl chloride	50.000	47.704	4.6	96	0.00
15	T	Acrylonitrile	250.000	229.192	8.3	92	0.00
16	T	Acetone	250.000	252.920	-1.2	101	0.00
17	T	Carbon Disulfide	50.000	47.246	5.5	101	0.00
18	T	Methyl Acetate	50.000	43.727	12.5	90	0.00
19	T	Methyl tert-butyl Ether	50.000	50.310	-0.6	98	0.00
20	T	Methylene Chloride	50.000	52.521	-5.0	104	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.370	-0.7	103	0.00
22	T	Diisopropyl ether	50.000	47.694	4.6	94	0.00
23	T	Vinyl Acetate	250.000	237.828	4.9	92	0.00
24	P	1,1-Dichloroethane	50.000	48.459	3.1	100	-0.01
25	T	2-Butanone	250.000	230.274	7.9	91	0.00
26	T	2,2-Dichloropropane	50.000	53.170	-6.3	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.516	-1.0	101	0.00
28	T	Bromochloromethane	50.000	42.485	15.0	92	0.00
29	T	Tetrahydrofuran	250.000	220.688	11.7	86	0.00
30	C	Chloroform	50.000	51.054	-2.1#	105	-0.01
31	T	Cyclohexane	50.000	44.514	11.0	97	0.00
32	T	1,1,1-Trichloroethane	50.000	53.822	-7.6	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.839	2.3	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	51.003	-2.0	98	0.00
36	T	1,1-Dichloropropene	50.000	52.753	-5.5	103	0.00
37	T	Ethyl Acetate	50.000	45.797	8.4	88	0.00
38	T	Carbon Tetrachloride	50.000	57.123	-14.2	113	0.00
39	T	Methylcyclohexane	50.000	51.504	-3.0	101	0.00
40	TM	Benzene	50.000	51.727	-3.5	101	0.00
41	T	Methacrylonitrile	50.000	47.315	5.4	104	0.00
42	TM	1,2-Dichloroethane	50.000	53.703	-7.4	104	0.00
43	T	Isopropyl Acetate	50.000	47.203	5.6	89	0.00
44	TM	Trichloroethene	50.000	52.808	-5.6	104	0.00
45	C	1,2-Dichloropropane	50.000	49.523	1.0#	96	0.00
46	T	Dibromomethane	50.000	50.377	-0.8	97	0.00
47	T	Bromodichloromethane	50.000	52.689	-5.4	100	0.00
48	T	Methyl methacrylate	50.000	47.919	4.2	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	937.271	6.3	85	-0.01
50	S	Toluene-d8	50.000	50.697	-1.4	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.782	6.5	86	0.00
52	CM	Toluene	50.000	52.713	-5.4#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	52.527	-5.1	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.869	-3.7	100	0.00
55	T	1,1,2-Trichloroethane	50.000	50.673	-1.3	97	0.00
56	T	Ethyl methacrylate	50.000	52.347	-4.7	94	0.00
57	T	1,3-Dichloropropane	50.000	49.957	0.1	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	215.994	13.6	90	0.00
59	T	2-Hexanone	250.000	243.317	2.7	88	0.00
60	T	Dibromochloromethane	50.000	53.677	-7.4	102	0.00
61	T	1,2-Dibromoethane	50.000	50.611	-1.2	96	0.00
62	S	4-Bromofluorobenzene	50.000	51.253	-2.5	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.998	-6.0	106	0.00
65	PM	Chlorobenzene	50.000	52.492	-5.0	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.642	-7.3	104	0.00
67	C	Ethyl Benzene	50.000	53.810	-7.6#	103	0.00
68	T	m/p-Xylenes	100.000	108.504	-8.5	103	0.00
69	T	o-Xylene	50.000	53.684	-7.4	102	0.00
70	T	Styrene	50.000	54.573	-9.1	103	0.00
71	P	Bromoform	50.000	54.173	-8.3	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	52.293	-4.6	103	0.00
74	T	N-amyl acetate	50.000	46.355	7.3	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.011	6.0	92	0.00
76	T	1,2,3-Trichloropropane	50.000	46.672	6.7	93	0.00
77	T	Bromobenzene	50.000	52.764	-5.5	106	0.00
78	T	n-propylbenzene	50.000	52.666	-5.3	103	0.00
79	T	2-Chlorotoluene	50.000	51.961	-3.9	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.863	-7.7	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.131	5.7	91	0.00
82	T	4-Chlorotoluene	50.000	52.045	-4.1	104	0.00
83	T	tert-Butylbenzene	50.000	53.558	-7.1	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.337	-8.7	106	0.00
85	T	sec-Butylbenzene	50.000	53.146	-6.3	105	0.00
86	T	p-Isopropyltoluene	50.000	54.184	-8.4	107	0.00
87	T	1,3-Dichlorobenzene	50.000	52.603	-5.2	106	0.00
88	T	1,4-Dichlorobenzene	50.000	52.030	-4.1	106	0.00
89	T	n-Butylbenzene	50.000	53.037	-6.1	105	0.00
90	T	Hexachloroethane	50.000	51.087	-2.2	105	0.00
91	T	1,2-Dichlorobenzene	50.000	53.631	-7.3	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.450	-0.9	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.025	-12.0	115	0.00
94	T	Hexachlorobutadiene	50.000	55.445	-10.9	117	0.00
95	T	Naphthalene	50.000	54.934	-9.9	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.427	-10.9	115	0.00

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