Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008831.D
Acq On : 18 May 2022 22:16
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 19 03:14:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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	97	0.00
2	T	Dichlorodifluoromethane	50.000	51.728	-3.5	102	0.00
3	P	Chloromethane	50.000	59.761	-19.5	104	0.00
4	C	Vinyl Chloride	50.000	58.116	-16.2#	105	0.00
5	T	Bromomethane	50.000	61.113	-22.2	129	0.00
6	T	Chloroethane	50.000	58.034	-16.1	109	0.00
7	T	Trichlorofluoromethane	50.000	54.308	-8.6	102	0.00
8	T	Diethyl Ether	50.000	55.385	-10.8	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.442	-10.9	105	0.00
10	T	Methyl Iodide	50.000	49.893	0.2	103	0.00
11	T	Tert butyl alcohol	250.000	226.245	9.5	95	0.01
12	CM	1,1-Dichloroethene	50.000	48.505	3.0#	106	0.00
13	T	Acrolein	250.000	128.002	48.8#	77	0.00
14	T	Allyl chloride	50.000	51.526	-3.1	111	0.00
15	T	Acrylonitrile	250.000	237.934	4.8	98	0.00
16	T	Acetone	250.000	251.085	-0.4	97	0.00
17	T	Carbon Disulfide	50.000	51.080	-2.2	102	0.00
18	T	Methyl Acetate	50.000	47.968	4.1	98	0.00
19	T	Methyl tert-butyl Ether	50.000	60.193	-20.4	124	0.00
20	T	Methylene Chloride	50.000	61.240	-22.5	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.324	-0.6	108	0.00
22	T	Diisopropyl ether	50.000	63.758	-27.5#	130	0.00
23	T	Vinyl Acetate	250.000	306.867	-22.7	121	0.00
24	P	1,1-Dichloroethane	50.000	54.581	-9.2	115	0.00
25	T	2-Butanone	250.000	249.209	0.3	101	0.00
26	T	2,2-Dichloropropane	50.000	50.187	-0.4	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.070	-12.1	118	0.00
28	T	Bromochloromethane	50.000	58.487	-17.0	116	0.00
29	T	Tetrahydrofuran	250.000	249.673	0.1	100	0.00
30	C	Chloroform	50.000	56.522	-13.0#	117	0.00
31	T	Cyclohexane	50.000	55.277	-10.6	109	0.00
32	T	1,1,1-Trichloroethane	50.000	54.584	-9.2	112	0.00
33	S	1,2-Dichloroethane-d4	50.000	64.106	-28.2#	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	57.840	-15.7	113	0.00
36	T	1,1-Dichloropropene	50.000	50.847	-1.7	111	0.00
37	T	Ethyl Acetate	50.000	48.185	3.6	106	0.00
38	T	Carbon Tetrachloride	50.000	51.058	-2.1	112	0.00
39	T	Methylcyclohexane	50.000	53.470	-6.9	114	0.00
40	TM	Benzene	50.000	54.691	-9.4	116	0.00
41	T	Methacrylonitrile	50.000	49.536	0.9	107	0.00
42	TM	1,2-Dichloroethane	50.000	56.794	-13.6	122	0.00
43	T	Isopropyl Acetate	50.000	57.032	-14.1	119	0.00
44	TM	Trichloroethene	50.000	52.774	-5.5	113	0.00
45	C	1,2-Dichloropropane	50.000	59.404	-18.8#	125	0.00
46	T	Dibromomethane	50.000	56.371	-12.7	122	0.00
47	T	Bromodichloromethane	50.000	59.943	-19.9	127	0.00
48	T	Methyl methacrylate	50.000	56.921	-13.8	117	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	935.287	6.5	96	0.00
50	S	Toluene-d8	50.000	56.378	-12.8	116	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.719	-12.3	114	0.00
52	CM	Toluene	50.000	60.144	-20.3#	122	0.00
53	T	t-1,3-Dichloropropene	50.000	62.310	-24.6	126	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.808	-17.6	124	0.00
55	T	1,1,2-Trichloroethane	50.000	62.253	-24.5	127	0.00
56	T	Ethyl methacrylate	50.000	66.957	-33.9#	132	0.00
57	T	1,3-Dichloropropane	50.000	60.440	-20.9	126	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.623	-9.8	108	0.00
59	T	2-Hexanone	250.000	279.425	-11.8	109	0.00
60	T	Dibromochloromethane	50.000	63.703	-27.4#	132	0.00
61	T	1,2-Dibromoethane	50.000	59.066	-18.1	121	0.00
62	S	4-Bromofluorobenzene	50.000	59.444	-18.9	125	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	47.907	4.2	115	0.00
65	PM	Chlorobenzene	50.000	53.580	-7.2	124	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.916	-13.8	131	0.00
67	C	Ethyl Benzene	50.000	55.349	-10.7#	124	0.00
68	T	m/p-Xylenes	100.000	116.321	-16.3	126	0.00
69	T	o-Xylene	50.000	59.631	-19.3	129	0.00
70	T	Styrene	50.000	61.881	-23.8	130	0.00
71	P	Bromoform	50.000	57.540	-15.1	129	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73	T	Isopropylbenzene	50.000	49.656	0.7	128	0.00
74	T	N-amyl acetate	50.000	53.207	-6.4	134	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.899	6.2	126	0.00
76	T	1,2,3-Trichloropropane	50.000	53.767	-7.5	144	0.00
77	T	Bromobenzene	50.000	49.422	1.2	131	0.00
78	T	n-propylbenzene	50.000	50.050	-0.1	126	0.00
79	T	2-Chlorotoluene	50.000	50.964	-1.9	128	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.670	-7.3	129	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.037	9.9	112	0.00
82	T	4-Chlorotoluene	50.000	53.603	-7.2	129	0.00
83	T	tert-Butylbenzene	50.000	53.256	-6.5	128	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.951	-9.9	130	0.00
85	T	sec-Butylbenzene	50.000	53.291	-6.6	127	0.00
86	T	p-Isopropyltoluene	50.000	54.738	-9.5	127	0.00
87	T	1,3-Dichlorobenzene	50.000	52.908	-5.8	129	0.00
88	T	1,4-Dichlorobenzene	50.000	53.283	-6.6	128	0.00
89	T	n-Butylbenzene	50.000	51.959	-3.9	123	0.00
90	T	Hexachloroethane	50.000	52.243	-4.5	130	0.00
91	T	1,2-Dichlorobenzene	50.000	54.226	-8.5	131	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.060	17.9	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.320	-2.6	131	0.00
94	T	Hexachlorobutadiene	50.000	47.970	4.1	126	0.00
95	T	Naphthalene	50.000	48.954	2.1	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.640	-3.3	132	0.00

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