Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
Data File : VY009764.D
Acq On : 28 Jul 2022 20:20
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 02:58:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 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	64	0.00
2	T	Dichlorodifluoromethane	50.000	46.201	7.6	63	0.00
3	P	Chloromethane	50.000	55.818	-11.6	71	0.00
4	C	Vinyl Chloride	50.000	54.692	-9.4#	70	0.00
5	T	Bromomethane	50.000	56.504	-13.0	72	0.00
6	T	Chloroethane	50.000	62.186	-24.4	78	0.00
7	T	Trichlorofluoromethane	50.000	50.263	-0.5	65	0.00
8	T	Diethyl Ether	50.000	51.217	-2.4	65	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.535	-1.1	65	0.00
10	T	Methyl Iodide	50.000	50.102	-0.2	59	0.00
11	T	Tert butyl alcohol	250.000	229.527	8.2	63	-0.01
12	CM	1,1-Dichloroethene	50.000	49.472	1.1#	62	0.00
13	T	Acrolein	250.000	219.398	12.2	61	0.00
14	T	Allyl chloride	50.000	49.934	0.1	64	0.00
15	T	Acrylonitrile	250.000	280.235	-12.1	71	0.00
16	T	Acetone	250.000	217.211	13.1	47	0.00
17	T	Carbon Disulfide	50.000	50.228	-0.5	62	0.00
18	T	Methyl Acetate	50.000	53.998	-8.0	72	0.00
19	T	Methyl tert-butyl Ether	50.000	52.643	-5.3	65	0.00
20	T	Methylene Chloride	50.000	51.740	-3.5	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.040	-2.1	64	0.00
22	T	Diisopropyl ether	50.000	55.678	-11.4	69	0.00
23	T	Vinyl Acetate	250.000	268.697	-7.5	69	0.00
24	P	1,1-Dichloroethane	50.000	52.602	-5.2	68	0.00
25	T	2-Butanone	250.000	258.543	-3.4	61	0.00
26	T	2,2-Dichloropropane	50.000	43.993	12.0	58	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.475	-5.0	67	0.00
28	T	Bromochloromethane	50.000	55.630	-11.3	72	0.00
29	T	Tetrahydrofuran	250.000	285.552	-14.2	70	0.00
30	C	Chloroform	50.000	52.633	-5.3#	68	0.00
31	T	Cyclohexane	50.000	47.824	4.4	62	0.00
32	T	1,1,1-Trichloroethane	50.000	51.314	-2.6	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.419	-6.8	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	64	0.00
35	S	Dibromofluoromethane	50.000	49.768	0.5	70	0.00
36	T	1,1-Dichloropropene	50.000	52.477	-5.0	66	0.00
37	T	Ethyl Acetate	50.000	54.000	-8.0	68	0.00
38	T	Carbon Tetrachloride	50.000	51.552	-3.1	65	0.00
39	T	Methylcyclohexane	50.000	50.655	-1.3	61	0.00
40	TM	Benzene	50.000	53.370	-6.7	67	0.00
41	T	Methacrylonitrile	50.000	57.102	-14.2	71	0.01
42	TM	1,2-Dichloroethane	50.000	54.397	-8.8	69	0.00
43	T	Isopropyl Acetate	50.000	56.314	-12.6	69	0.00
44	TM	Trichloroethene	50.000	51.234	-2.5	65	0.00
45	C	1,2-Dichloropropane	50.000	54.970	-9.9#	69	0.00
46	T	Dibromomethane	50.000	55.459	-10.9	69	0.00
47	T	Bromodichloromethane	50.000	54.836	-9.7	68	0.00
48	T	Methyl methacrylate	50.000	57.419	-14.8	70	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1100.245	-10.0	83	0.00
50	S	Toluene-d8	50.000	51.039	-2.1	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	308.723	-23.5	80	0.00
52	CM	Toluene	50.000	55.040	-10.1#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	56.656	-13.3	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.342	-6.7	65	0.00
55	T	1,1,2-Trichloroethane	50.000	57.590	-15.2	77	0.00
56	T	Ethyl methacrylate	50.000	61.193	-22.4	77	0.00
57	T	1,3-Dichloropropane	50.000	58.868	-17.7	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.939	-2.4	65	0.00
59	T	2-Hexanone	250.000	298.628	-19.5	73	0.00
60	T	Dibromochloromethane	50.000	58.610	-17.2	79	0.00
61	T	1,2-Dibromoethane	50.000	57.465	-14.9	77	0.00
62	S	4-Bromofluorobenzene	50.000	54.574	-9.1	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64	T	Tetrachloroethene	50.000	52.627	-5.3	74	0.00
65	PM	Chlorobenzene	50.000	50.065	-0.1	70	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.895	-3.8	72	0.00
67	C	Ethyl Benzene	50.000	51.836	-3.7#	70	0.00
68	T	m/p-Xylenes	100.000	104.579	-4.6	70	0.00
69	T	o-Xylene	50.000	53.310	-6.6	71	0.00
70	T	Styrene	50.000	54.904	-9.8	72	0.00
71	P	Bromoform	50.000	54.898	-9.8	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73	T	Isopropylbenzene	50.000	49.570	0.9	69	0.00
74	T	N-amyl acetate	50.000	51.910	-3.8	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.429	-2.9	72	0.00
76	T	1,2,3-Trichloropropane	50.000	51.220	-2.4	71	0.00
77	T	Bromobenzene	50.000	50.733	-1.5	72	0.00
78	T	n-propylbenzene	50.000	50.383	-0.8	70	0.00
79	T	2-Chlorotoluene	50.000	49.362	1.3	69	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.461	-0.9	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.711	2.6	67	0.00
82	T	4-Chlorotoluene	50.000	49.400	1.2	70	0.00
83	T	tert-Butylbenzene	50.000	48.812	2.4	69	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.804	0.4	70	0.00
85	T	sec-Butylbenzene	50.000	49.649	0.7	70	0.00
86	T	p-Isopropyltoluene	50.000	49.696	0.6	69	0.00
87	T	1,3-Dichlorobenzene	50.000	49.164	1.7	71	0.00
88	T	1,4-Dichlorobenzene	50.000	49.090	1.8	72	0.00
89	T	n-Butylbenzene	50.000	50.291	-0.6	70	0.00
90	T	Hexachloroethane	50.000	49.665	0.7	74	0.00
91	T	1,2-Dichlorobenzene	50.000	50.400	-0.8	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.649	-1.3	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.919	4.2	69	0.00
94	T	Hexachlorobutadiene	50.000	46.176	7.6	69	0.00
95	T	Naphthalene	50.000	49.082	1.8	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.035	7.9	67	0.00

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