Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014839.D
Acq On : 26 Jul 2023 06:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 07:42:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 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	55	0.01
2	T	Dichlorodifluoromethane	50.000	43.811	12.4	51	0.01
3	P	Chloromethane	50.000	60.021	-20.0	68	0.01
4	C	Vinyl Chloride	50.000	60.544	-21.1#	66	0.00
5	T	Bromomethane	50.000	67.333	-34.7#	75	0.02
6	T	Chloroethane	50.000	68.194	-36.4#	74	0.01
7	T	Trichlorofluoromethane	50.000	50.774	-1.5	55	0.02
8	T	Diethyl Ether	50.000	55.289	-10.6	60	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.813	0.4	54	0.02
10	T	Methyl Iodide	50.000	50.380	-0.8	58	0.02
11	T	Tert butyl alcohol	250.000	228.053	8.8	54	0.04
12	CM	1,1-Dichloroethene	50.000	51.026	-2.1#	55	0.02
13	T	Acrolein	250.000	134.576	46.2#	33	0.02
14	T	Allyl chloride	50.000	46.175	7.7	50	0.02
15	T	Acrylonitrile	250.000	303.488	-21.4	66	0.02
16	T	Acetone	250.000	238.521	4.6	49	0.02
17	T	Carbon Disulfide	50.000	45.709	8.6	51	0.02
18	T	Methyl Acetate	50.000	73.803	-47.6#	80	0.02
19	T	Methyl tert-butyl Ether	50.000	57.548	-15.1	62	0.02
20	T	Methylene Chloride	50.000	54.814	-9.6	59	0.02
21	T	trans-1,2-Dichloroethene	50.000	53.003	-6.0	58	0.02
22	T	Diisopropyl ether	50.000	54.065	-8.1	58	0.02
23	T	Vinyl Acetate	250.000	243.871	2.5	52	0.02
24	P	1,1-Dichloroethane	50.000	54.431	-8.9	59	0.02
25	T	2-Butanone	250.000	278.424	-11.4	60	0.02
26	T	2,2-Dichloropropane	50.000	35.742	28.5#	39	0.02
27	T	cis-1,2-Dichloroethene	50.000	55.996	-12.0	60	0.02
28	T	Bromochloromethane	50.000	53.329	-6.7	62	0.02
29	T	Tetrahydrofuran	250.000	298.736	-19.5	66	0.02
30	C	Chloroform	50.000	56.424	-12.8#	61	0.01
31	T	Cyclohexane	50.000	43.044	13.9	49	0.02
32	T	1,1,1-Trichloroethane	50.000	53.685	-7.4	58	0.01
33	S	1,2-Dichloroethane-d4	50.000	51.269	-2.5	58	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	59	0.01
35	S	Dibromofluoromethane	50.000	47.896	4.2	56	0.01
36	T	1,1-Dichloropropene	50.000	48.798	2.4	56	0.02
37	T	Ethyl Acetate	50.000	52.288	-4.6	63	0.02
38	T	Carbon Tetrachloride	50.000	50.066	-0.1	57	0.01
39	T	Methylcyclohexane	50.000	43.645	12.7	50	0.01
40	TM	Benzene	50.000	51.856	-3.7	59	0.02
41	T	Methacrylonitrile	50.000	54.916	-9.8	66	0.01
42	TM	1,2-Dichloroethane	50.000	54.753	-9.5	63	0.01
43	T	Isopropyl Acetate	50.000	52.565	-5.1	61	0.01
44	TM	Trichloroethene	50.000	51.520	-3.0	59	0.01
45	C	1,2-Dichloropropane	50.000	51.815	-3.6#	59	0.01
46	T	Dibromomethane	50.000	54.590	-9.2	63	0.01
47	T	Bromodichloromethane	50.000	53.742	-7.5	61	0.00
48	T	Methyl methacrylate	50.000	54.267	-8.5	63	0.01

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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	1146.959	-14.7	65	0.01
50	S	Toluene-d8	50.000	46.215	7.6	55	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.686	-16.3	67	0.00
52	CM	Toluene	50.000	51.607	-3.2#	59	0.01
53	T	t-1,3-Dichloropropene	50.000	45.932	8.1	53	0.01
54	T	cis-1,3-Dichloropropene	50.000	46.754	6.5	53	0.01
55	T	1,1,2-Trichloroethane	50.000	55.664	-11.3	64	0.00
56	T	Ethyl methacrylate	50.000	54.250	-8.5	61	0.00
57	T	1,3-Dichloropropane	50.000	54.308	-8.6	62	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.809	0.9	58	0.00
59	T	2-Hexanone	250.000	279.365	-11.7	64	0.00
60	T	Dibromochloromethane	50.000	54.800	-9.6	62	0.00
61	T	1,2-Dibromoethane	50.000	54.628	-9.3	62	0.00
62	S	4-Bromofluorobenzene	50.000	44.020	12.0	53	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64	T	Tetrachloroethene	50.000	56.074	-12.1	66	0.01
65	PM	Chlorobenzene	50.000	51.753	-3.5	60	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.179	-8.4	62	0.00
67	C	Ethyl Benzene	50.000	50.583	-1.2#	58	0.00
68	T	m/p-Xylenes	100.000	101.021	-1.0	59	0.01
69	T	o-Xylene	50.000	51.332	-2.7	60	0.00
70	T	Styrene	50.000	52.509	-5.0	60	0.01
71	P	Bromoform	50.000	54.228	-8.5	62	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	61	0.00
73	T	Isopropylbenzene	50.000	49.311	1.4	59	0.00
74	T	N-amyl acetate	50.000	45.055	9.9	53	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.027	-6.1	64	0.00
76	T	1,2,3-Trichloropropane	50.000	54.257	-8.5	65	0.00
77	T	Bromobenzene	50.000	52.518	-5.0	62	0.00
78	T	n-propylbenzene	50.000	48.469	3.1	57	0.00
79	T	2-Chlorotoluene	50.000	48.817	2.4	58	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.950	2.1	58	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	38.371	23.3	45	0.00
82	T	4-Chlorotoluene	50.000	48.151	3.7	57	0.01
83	T	tert-Butylbenzene	50.000	48.889	2.2	57	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.531	0.9	58	0.00
85	T	sec-Butylbenzene	50.000	48.560	2.9	57	0.00
86	T	p-Isopropyltoluene	50.000	48.826	2.3	57	0.00
87	T	1,3-Dichlorobenzene	50.000	51.216	-2.4	60	0.00
88	T	1,4-Dichlorobenzene	50.000	51.577	-3.2	61	0.00
89	T	n-Butylbenzene	50.000	46.224	7.6	54	0.00
90	T	Hexachloroethane	50.000	48.183	3.6	56	0.00
91	T	1,2-Dichlorobenzene	50.000	52.153	-4.3	61	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.946	-5.9	64	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.076	1.8	56	0.00
94	T	Hexachlorobutadiene	50.000	45.453	9.1	52	0.00
95	T	Naphthalene	50.000	54.277	-8.6	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.107	-2.2	59	0.00

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