Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015282.D
Acq On : 23 Aug 2023 06:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 23 06:45:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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	63	0.01
2	T	Dichlorodifluoromethane	50.000	44.720	10.6	56	0.01
3	P	Chloromethane	50.000	51.795	-3.6	64	0.00
4	C	Vinyl Chloride	50.000	46.773	6.5#	62	0.00
5	T	Bromomethane	50.000	55.719	-11.4	66	0.01
6	T	Chloroethane	50.000	53.165	-6.3	67	0.01
7	T	Trichlorofluoromethane	50.000	47.885	4.2	63	0.01
8	T	Diethyl Ether	50.000	56.543	-13.1	73	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.320	3.4	63	0.02
10	T	Methyl Iodide	50.000	52.168	-4.3	62	0.02
11	T	Tert butyl alcohol	250.000	237.107	5.2	60	0.04
12	CM	1,1-Dichloroethene	50.000	49.035	1.9#	63	0.02
13	T	Acrolein	250.000	105.399	57.8#	37	0.01
14	T	Allyl chloride	50.000	51.845	-3.7	65	0.01
15	T	Acrylonitrile	250.000	313.042	-25.2#	79	0.02
16	T	Acetone	250.000	224.945	10.0	55	0.02
17	T	Carbon Disulfide	50.000	45.165	9.7	56	0.02
18	T	Methyl Acetate	50.000	74.168	-48.3#	93	0.02
19	T	Methyl tert-butyl Ether	50.000	56.994	-14.0	72	0.02
20	T	Methylene Chloride	50.000	69.073	-38.1#	83	0.01
21	T	trans-1,2-Dichloroethene	50.000	51.629	-3.3	66	0.02
22	T	Diisopropyl ether	50.000	57.073	-14.1	72	0.02
23	T	Vinyl Acetate	250.000	256.550	-2.6	64	0.02
24	P	1,1-Dichloroethane	50.000	54.981	-10.0	70	0.02
25	T	2-Butanone	250.000	279.074	-11.6	70	0.02
26	T	2,2-Dichloropropane	50.000	40.423	19.2	54	0.02
27	T	cis-1,2-Dichloroethene	50.000	55.207	-10.4	71	0.02
28	T	Bromochloromethane	50.000	56.644	-13.3	73	0.01
29	T	Tetrahydrofuran	250.000	302.095	-20.8	76	0.02
30	C	Chloroform	50.000	55.513	-11.0#	71	0.01
31	T	Cyclohexane	50.000	49.560	0.9	61	0.02
32	T	1,1,1-Trichloroethane	50.000	52.051	-4.1	67	0.01
33	S	1,2-Dichloroethane-d4	50.000	58.618	-17.2	73	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.01
35	S	Dibromofluoromethane	50.000	54.544	-9.1	71	0.01
36	T	1,1-Dichloropropene	50.000	47.306	5.4	64	0.01
37	T	Ethyl Acetate	50.000	53.735	-7.5	74	0.02
38	T	Carbon Tetrachloride	50.000	46.243	7.5	63	0.01
39	T	Methylcyclohexane	50.000	44.648	10.7	61	0.01
40	TM	Benzene	50.000	51.377	-2.8	70	0.01
41	T	Methacrylonitrile	50.000	55.472	-10.9	70	0.01
42	TM	1,2-Dichloroethane	50.000	53.236	-6.5	72	0.01
43	T	Isopropyl Acetate	50.000	53.416	-6.8	72	0.01
44	TM	Trichloroethene	50.000	50.083	-0.2	68	0.01
45	C	1,2-Dichloropropane	50.000	52.889	-5.8#	72	0.01
46	T	Dibromomethane	50.000	54.159	-8.3	72	0.01
47	T	Bromodichloromethane	50.000	53.861	-7.7	72	0.00
48	T	Methyl methacrylate	50.000	58.773	-17.5	77	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1089.289	-8.9	72	0.02
50	S	Toluene-d8	50.000	52.229	-4.5	69	0.00
51	T	4-Methyl-2-Pentanone	250.000	294.804	-17.9	78	0.00
52	CM	Toluene	50.000	50.574	-1.1#	68	0.01
53	T	t-1,3-Dichloropropene	50.000	49.108	1.8	66	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.072	1.9	66	0.01
55	T	1,1,2-Trichloroethane	50.000	54.985	-10.0	75	0.00
56	T	Ethyl methacrylate	50.000	54.331	-8.7	71	0.00
57	T	1,3-Dichloropropane	50.000	55.221	-10.4	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.358	-16.1	80	0.01
59	T	2-Hexanone	250.000	284.513	-13.8	75	0.00
60	T	Dibromochloromethane	50.000	54.665	-9.3	73	0.00
61	T	1,2-Dibromoethane	50.000	53.787	-7.6	73	0.00
62	S	4-Bromofluorobenzene	50.000	51.893	-3.8	69	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64	T	Tetrachloroethene	50.000	55.382	-10.8	77	0.01
65	PM	Chlorobenzene	50.000	50.180	-0.4	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.978	-4.0	72	0.00
67	C	Ethyl Benzene	50.000	49.019	2.0#	68	0.01
68	T	m/p-Xylenes	100.000	96.969	3.0	67	0.01
69	T	o-Xylene	50.000	49.885	0.2	69	0.00
70	T	Styrene	50.000	50.976	-2.0	70	0.00
71	P	Bromoform	50.000	52.788	-5.6	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	67	0.00
73	T	Isopropylbenzene	50.000	49.022	2.0	68	0.00
74	T	N-amyl acetate	50.000	51.618	-3.2	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.363	-10.7	75	0.00
76	T	1,2,3-Trichloropropane	50.000	55.949	-11.9	78	0.00
77	T	Bromobenzene	50.000	51.077	-2.2	71	0.00
78	T	n-propylbenzene	50.000	48.020	4.0	67	0.00
79	T	2-Chlorotoluene	50.000	49.977	0.0	69	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.610	2.8	67	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.043	7.9	61	0.00
82	T	4-Chlorotoluene	50.000	48.873	2.3	67	0.00
83	T	tert-Butylbenzene	50.000	48.659	2.7	67	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.940	2.1	67	0.00
85	T	sec-Butylbenzene	50.000	48.378	3.2	67	0.00
86	T	p-Isopropyltoluene	50.000	47.518	5.0	65	0.00
87	T	1,3-Dichlorobenzene	50.000	49.420	1.2	68	0.00
88	T	1,4-Dichlorobenzene	50.000	49.045	1.9	67	0.00
89	T	n-Butylbenzene	50.000	45.212	9.6	62	0.00
90	T	Hexachloroethane	50.000	48.415	3.2	67	0.00
91	T	1,2-Dichlorobenzene	50.000	50.839	-1.7	70	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.620	-11.2	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.959	6.1	64	0.00
94	T	Hexachlorobutadiene	50.000	45.047	9.9	63	0.00
95	T	Naphthalene	50.000	52.796	-5.6	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.153	-0.3	69	0.00

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