Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
Data File : VY015913.D
Acq On : 11 Oct 2023 09:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 12 01:53:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	51.142	-2.3	90	0.00
3	P	Chloromethane	50.000	55.068	-10.1	91	0.00
4	C	Vinyl Chloride	50.000	54.818	-9.6#	90	0.00
5	T	Bromomethane	50.000	52.377	-4.8	89	0.00
6	T	Chloroethane	50.000	53.650	-7.3	90	0.00
7	T	Trichlorofluoromethane	50.000	52.474	-4.9	92	0.00
8	T	Diethyl Ether	50.000	51.939	-3.9	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.301	-4.6	91	0.00
10	T	Methyl Iodide	50.000	50.701	-1.4	90	0.00
11	T	Tert butyl alcohol	250.000	131.745	47.3#	61	-0.01
12	CM	1,1-Dichloroethene	50.000	54.244	-8.5#	91	0.00
13	T	Acrolein	250.000	213.719	14.5	76	0.00
14	T	Allyl chloride	50.000	52.996	-6.0	89	0.00
15	T	Acrylonitrile	250.000	238.742	4.5	84	0.00
16	T	Acetone	250.000	210.361	15.9	89	0.00
17	T	Carbon Disulfide	50.000	51.758	-3.5	88	0.00
18	T	Methyl Acetate	50.000	49.475	1.0	82	0.00
19	T	Methyl tert-butyl Ether	50.000	49.447	1.1	87	0.00
20	T	Methylene Chloride	50.000	51.835	-3.7	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.460	-8.9	91	0.00
22	T	Diisopropyl ether	50.000	51.477	-3.0	90	0.00
23	T	Vinyl Acetate	250.000	248.929	0.4	85	0.00
24	P	1,1-Dichloroethane	50.000	51.931	-3.9	91	0.00
25	T	2-Butanone	250.000	223.376	10.6	82	0.00
26	T	2,2-Dichloropropane	50.000	49.976	0.0	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.573	-5.1	92	0.00
28	T	Bromochloromethane	50.000	52.629	-5.3	100	0.00
29	T	Tetrahydrofuran	250.000	232.877	6.8	80	0.00
30	C	Chloroform	50.000	51.033	-2.1#	91	0.00
31	T	Cyclohexane	50.000	48.378	3.2	89	0.00
32	T	1,1,1-Trichloroethane	50.000	52.112	-4.2	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.897	6.2	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	49.848	0.3	93	0.00
36	T	1,1-Dichloropropene	50.000	54.010	-8.0	90	0.00
37	T	Ethyl Acetate	50.000	47.867	4.3	81	0.00
38	T	Carbon Tetrachloride	50.000	53.766	-7.5	93	0.00
39	T	Methylcyclohexane	50.000	52.623	-5.2	86	0.00
40	TM	Benzene	50.000	54.136	-8.3	91	0.00
41	T	Methacrylonitrile	50.000	54.925	-9.8	95	0.00
42	TM	1,2-Dichloroethane	50.000	51.472	-2.9	87	0.00
43	T	Isopropyl Acetate	50.000	48.960	2.1	83	0.00
44	TM	Trichloroethene	50.000	54.280	-8.6	91	0.00
45	C	1,2-Dichloropropane	50.000	51.753	-3.5#	90	0.00
46	T	Dibromomethane	50.000	51.530	-3.1	88	0.00
47	T	Bromodichloromethane	50.000	51.538	-3.1	90	0.00
48	T	Methyl methacrylate	50.000	50.288	-0.6	82	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	908.197	9.2	76	0.00
50	S	Toluene-d8	50.000	50.712	-1.4	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	239.034	4.4	81	0.00
52	CM	Toluene	50.000	53.369	-6.7#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.260	-4.5	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.604	-5.2	89	0.00
55	T	1,1,2-Trichloroethane	50.000	50.846	-1.7	88	0.00
56	T	Ethyl methacrylate	50.000	51.073	-2.1	85	0.00
57	T	1,3-Dichloropropane	50.000	51.113	-2.2	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.868	-2.3	92	0.00
59	T	2-Hexanone	250.000	237.416	5.0	83	0.00
60	T	Dibromochloromethane	50.000	51.129	-2.3	89	0.00
61	T	1,2-Dibromoethane	50.000	50.924	-1.8	87	0.00
62	S	4-Bromofluorobenzene	50.000	48.173	3.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	51.913	-3.8	90	0.00
65	PM	Chlorobenzene	50.000	51.998	-4.0	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.185	-4.4	91	0.00
67	C	Ethyl Benzene	50.000	52.843	-5.7#	91	0.00
68	T	m/p-Xylenes	100.000	106.196	-6.2	91	0.00
69	T	o-Xylene	50.000	52.806	-5.6	90	0.00
70	T	Styrene	50.000	53.062	-6.1	89	0.00
71	P	Bromoform	50.000	50.433	-0.9	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	51.759	-3.5	90	0.00
74	T	N-amyl acetate	50.000	49.765	0.5	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.556	2.9	85	0.00
76	T	1,2,3-Trichloropropane	50.000	46.550	6.9	87	0.00
77	T	Bromobenzene	50.000	50.954	-1.9	89	0.00
78	T	n-propylbenzene	50.000	51.516	-3.0	89	0.00
79	T	2-Chlorotoluene	50.000	51.667	-3.3	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.899	-3.8	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.611	0.8	82	0.00
82	T	4-Chlorotoluene	50.000	51.125	-2.3	89	0.00
83	T	tert-Butylbenzene	50.000	51.391	-2.8	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.420	-2.8	88	0.00
85	T	sec-Butylbenzene	50.000	50.898	-1.8	87	0.00
86	T	p-Isopropyltoluene	50.000	50.870	-1.7	87	0.00
87	T	1,3-Dichlorobenzene	50.000	50.441	-0.9	89	0.00
88	T	1,4-Dichlorobenzene	50.000	50.244	-0.5	88	0.00
89	T	n-Butylbenzene	50.000	50.751	-1.5	87	0.00
90	T	Hexachloroethane	50.000	50.523	-1.0	88	0.00
91	T	1,2-Dichlorobenzene	50.000	50.090	-0.2	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.633	4.7	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.226	3.5	83	0.00
94	T	Hexachlorobutadiene	50.000	46.975	6.0	82	0.00
95	T	Naphthalene	50.000	48.775	2.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.639	2.7	84	0.00

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