Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
Data File : VY014945.D
Acq On : 03 Aug 2023 11:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 04 04:30:53 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	40.964	18.1	72	0.00
3	P	Chloromethane	50.000	49.373	1.3	84	0.00
4	C	Vinyl Chloride	50.000	55.294	-10.6#	91	0.00
5	T	Bromomethane	50.000	63.152	-26.3#	106	0.00
6	T	Chloroethane	50.000	62.486	-25.0	102	0.00
7	T	Trichlorofluoromethane	50.000	51.833	-3.7	85	0.00
8	T	Diethyl Ether	50.000	50.988	-2.0	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.024	-2.0	83	0.00
10	T	Methyl Iodide	50.000	56.695	-13.4	98	0.00
11	T	Tert butyl alcohol	250.000	251.518	-0.6	89	0.00
12	CM	1,1-Dichloroethene	50.000	49.753	0.5#	81	0.00
13	T	Acrolein	250.000	134.089	46.4#	49	0.00
14	T	Allyl chloride	50.000	45.790	8.4	75	0.01
15	T	Acrylonitrile	250.000	282.509	-13.0	93	0.00
16	T	Acetone	250.000	295.189	-18.1	92	0.00
17	T	Carbon Disulfide	50.000	40.549	18.9	68	0.00
18	T	Methyl Acetate	50.000	56.560	-13.1	93	0.00
19	T	Methyl tert-butyl Ether	50.000	54.232	-8.5	88	0.00
20	T	Methylene Chloride	50.000	54.262	-8.5	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.946	0.1	82	0.00
22	T	Diisopropyl ether	50.000	50.512	-1.0	82	0.00
23	T	Vinyl Acetate	250.000	253.578	-1.4	82	0.00
24	P	1,1-Dichloroethane	50.000	51.932	-3.9	84	0.00
25	T	2-Butanone	250.000	281.668	-12.7	92	0.00
26	T	2,2-Dichloropropane	50.000	52.404	-4.8	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.756	-7.5	87	0.00
28	T	Bromochloromethane	50.000	51.946	-3.9	91	0.00
29	T	Tetrahydrofuran	250.000	267.951	-7.2	90	0.00
30	C	Chloroform	50.000	54.622	-9.2#	89	0.00
31	T	Cyclohexane	50.000	41.320	17.4	71	0.00
32	T	1,1,1-Trichloroethane	50.000	53.205	-6.4	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.142	-6.3	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	53.713	-7.4	90	0.00
36	T	1,1-Dichloropropene	50.000	48.929	2.1	80	0.00
37	T	Ethyl Acetate	50.000	53.313	-6.6	91	0.00
38	T	Carbon Tetrachloride	50.000	52.808	-5.6	86	0.00
39	T	Methylcyclohexane	50.000	45.807	8.4	75	0.00
40	TM	Benzene	50.000	51.252	-2.5	84	0.00
41	T	Methacrylonitrile	50.000	46.442	7.1	79	0.00
42	TM	1,2-Dichloroethane	50.000	54.183	-8.4	88	0.00
43	T	Isopropyl Acetate	50.000	51.981	-4.0	86	0.00
44	TM	Trichloroethene	50.000	53.031	-6.1	87	0.00
45	C	1,2-Dichloropropane	50.000	52.417	-4.8#	85	0.00
46	T	Dibromomethane	50.000	53.790	-7.6	88	0.00
47	T	Bromodichloromethane	50.000	53.843	-7.7	87	0.00
48	T	Methyl methacrylate	50.000	50.638	-1.3	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1061.948	-6.2	86	0.00
50	S	Toluene-d8	50.000	49.796	0.4	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.047	-10.8	91	0.00
52	CM	Toluene	50.000	52.016	-4.0#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	51.433	-2.9	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.419	-2.8	84	0.00
55	T	1,1,2-Trichloroethane	50.000	55.337	-10.7	90	0.00
56	T	Ethyl methacrylate	50.000	52.419	-4.8	84	0.00
57	T	1,3-Dichloropropane	50.000	53.214	-6.4	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.636	0.9	83	0.00
59	T	2-Hexanone	250.000	281.119	-12.4	92	0.00
60	T	Dibromochloromethane	50.000	55.094	-10.2	89	0.00
61	T	1,2-Dibromoethane	50.000	54.142	-8.3	88	0.00
62	S	4-Bromofluorobenzene	50.000	48.478	3.0	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	54.988	-10.0	92	0.00
65	PM	Chlorobenzene	50.000	53.146	-6.3	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.365	-8.7	89	0.00
67	C	Ethyl Benzene	50.000	51.696	-3.4#	85	0.00
68	T	m/p-Xylenes	100.000	102.925	-2.9	85	0.00
69	T	o-Xylene	50.000	52.477	-5.0	86	0.00
70	T	Styrene	50.000	52.875	-5.8	86	0.00
71	P	Bromoform	50.000	56.028	-12.1	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	49.965	0.1	87	0.00
74	T	N-amyl acetate	50.000	48.159	3.7	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.340	-2.7	90	0.00
76	T	1,2,3-Trichloropropane	50.000	53.768	-7.5	94	0.00
77	T	Bromobenzene	50.000	51.874	-3.7	89	0.00
78	T	n-propylbenzene	50.000	48.806	2.4	83	0.00
79	T	2-Chlorotoluene	50.000	48.795	2.4	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.771	0.5	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.772	8.5	78	0.00
82	T	4-Chlorotoluene	50.000	48.615	2.8	83	0.00
83	T	tert-Butylbenzene	50.000	49.764	0.5	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.112	-0.2	86	0.00
85	T	sec-Butylbenzene	50.000	49.666	0.7	85	0.00
86	T	p-Isopropyltoluene	50.000	50.910	-1.8	86	0.00
87	T	1,3-Dichlorobenzene	50.000	52.967	-5.9	90	0.00
88	T	1,4-Dichlorobenzene	50.000	52.212	-4.4	89	0.00
89	T	n-Butylbenzene	50.000	48.453	3.1	82	0.00
90	T	Hexachloroethane	50.000	48.349	3.3	82	0.00
91	T	1,2-Dichlorobenzene	50.000	52.772	-5.5	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.848	-1.7	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.595	-5.2	87	0.00
94	T	Hexachlorobutadiene	50.000	49.572	0.9	82	0.00
95	T	Naphthalene	50.000	53.691	-7.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.486	-5.0	88	0.00

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