Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013068.D
Acq On : 23 Mar 2023 18:22
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 24 05:06:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	44.789	10.4	87	0.00
3	P	Chloromethane	50.000	39.077	21.8	78	0.00
4	C	Vinyl Chloride	50.000	43.659	12.7#	82	0.00
5	T	Bromomethane	50.000	47.245	5.5	90	-0.01
6	T	Chloroethane	50.000	46.749	6.5	87	-0.01
7	T	Trichlorofluoromethane	50.000	40.967	18.1	78	0.00
8	T	Diethyl Ether	50.000	49.421	1.2	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.740	6.5	88	0.00
10	T	Methyl Iodide	50.000	46.341	7.3	81	0.00
11	T	Tert butyl alcohol	250.000	275.663	-10.3	102	-0.01
12	CM	1,1-Dichloroethene	50.000	46.361	7.3#	86	-0.01
13	T	Acrolein	250.000	176.476	29.4#	66	0.00
14	T	Allyl chloride	50.000	47.416	5.2	87	0.00
15	T	Acrylonitrile	250.000	271.095	-8.4	99	-0.01
16	T	Acetone	250.000	248.244	0.7	85	0.00
17	T	Carbon Disulfide	50.000	43.803	12.4	82	0.00
18	T	Methyl Acetate	50.000	53.195	-6.4	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.060	-6.1	95	0.00
20	T	Methylene Chloride	50.000	52.483	-5.0	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.246	1.5	91	-0.01
22	T	Diisopropyl ether	50.000	53.780	-7.6	97	-0.01
23	T	Vinyl Acetate	250.000	276.745	-10.7	97	0.00
24	P	1,1-Dichloroethane	50.000	51.083	-2.2	94	0.00
25	T	2-Butanone	250.000	276.475	-10.6	97	0.00
26	T	2,2-Dichloropropane	50.000	48.193	3.6	91	-0.01
27	T	cis-1,2-Dichloroethene	50.000	51.342	-2.7	93	0.00
28	T	Bromochloromethane	50.000	50.590	-1.2	91	0.00
29	T	Tetrahydrofuran	250.000	288.617	-15.4	102	0.00
30	C	Chloroform	50.000	51.899	-3.8#	95	0.00
31	T	Cyclohexane	50.000	46.518	7.0	88	0.00
32	T	1,1,1-Trichloroethane	50.000	50.168	-0.3	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.454	-10.9	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	61.240	-22.5	111	0.00
36	T	1,1-Dichloropropene	50.000	50.416	-0.8	91	0.00
37	T	Ethyl Acetate	50.000	55.392	-10.8	103	0.00
38	T	Carbon Tetrachloride	50.000	51.547	-3.1	93	0.00
39	T	Methylcyclohexane	50.000	50.076	-0.2	88	0.00
40	TM	Benzene	50.000	51.273	-2.5	92	0.00
41	T	Methacrylonitrile	50.000	54.732	-9.5	97	0.00
42	TM	1,2-Dichloroethane	50.000	52.756	-5.5	94	0.00
43	T	Isopropyl Acetate	50.000	55.808	-11.6	98	0.00
44	TM	Trichloroethene	50.000	50.569	-1.1	90	0.00
45	C	1,2-Dichloropropane	50.000	52.850	-5.7#	97	0.00
46	T	Dibromomethane	50.000	54.134	-8.3	96	0.00
47	T	Bromodichloromethane	50.000	53.356	-6.7	96	0.00
48	T	Methyl methacrylate	50.000	58.212	-16.4	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1272.784	-27.3#	112	0.00
50	S	Toluene-d8	50.000	51.779	-3.6	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	294.654	-17.9	101	0.00
52	CM	Toluene	50.000	52.527	-5.1#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	54.369	-8.7	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.599	-5.2	93	0.00
55	T	1,1,2-Trichloroethane	50.000	53.607	-7.2	97	0.00
56	T	Ethyl methacrylate	50.000	57.061	-14.1	96	0.00
57	T	1,3-Dichloropropane	50.000	54.692	-9.4	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.820	-13.1	96	0.00
59	T	2-Hexanone	250.000	293.737	-17.5	99	0.00
60	T	Dibromochloromethane	50.000	54.139	-8.3	97	0.00
61	T	1,2-Dibromoethane	50.000	53.882	-7.8	96	0.00
62	S	4-Bromofluorobenzene	50.000	59.930	-19.9	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	52.648	-5.3	97	0.00
65	PM	Chlorobenzene	50.000	50.816	-1.6	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.106	-4.2	96	0.00
67	C	Ethyl Benzene	50.000	51.686	-3.4#	93	0.00
68	T	m/p-Xylenes	100.000	103.914	-3.9	93	0.00
69	T	o-Xylene	50.000	51.791	-3.6	93	0.00
70	T	Styrene	50.000	53.988	-8.0	95	0.00
71	P	Bromoform	50.000	53.683	-7.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	48.322	3.4	93	0.00
74	T	N-amyl acetate	50.000	52.821	-5.6	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.300	-2.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.658	6.7	91	0.00
77	T	Bromobenzene	50.000	47.724	4.6	94	0.00
78	T	n-propylbenzene	50.000	48.791	2.4	93	0.00
79	T	2-Chlorotoluene	50.000	48.642	2.7	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.219	1.6	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.709	0.6	96	0.00
82	T	4-Chlorotoluene	50.000	48.905	2.2	95	0.00
83	T	tert-Butylbenzene	50.000	50.075	-0.2	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.491	1.0	94	0.00
85	T	sec-Butylbenzene	50.000	49.150	1.7	95	0.00
86	T	p-Isopropyltoluene	50.000	49.080	1.8	94	0.00
87	T	1,3-Dichlorobenzene	50.000	48.752	2.5	95	0.00
88	T	1,4-Dichlorobenzene	50.000	47.737	4.5	94	0.00
89	T	n-Butylbenzene	50.000	48.494	3.0	93	0.00
90	T	Hexachloroethane	50.000	47.293	5.4	95	0.00
91	T	1,2-Dichlorobenzene	50.000	49.411	1.2	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.128	-2.3	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.622	8.8	87	0.00
94	T	Hexachlorobutadiene	50.000	43.935	12.1	89	0.00
95	T	Naphthalene	50.000	48.554	2.9	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.702	8.6	88	0.00

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