Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013934.D
Acq On : 31 May 2023 14:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 31 17:31:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 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	103	-0.01
2	T	Dichlorodifluoromethane	50.000	47.315	5.4	86	0.00
3	P	Chloromethane	50.000	44.360	11.3	87	0.00
4	C	Vinyl Chloride	50.000	43.445	13.1#	83	0.00
5	T	Bromomethane	50.000	41.150	17.7	88	-0.01
6	T	Chloroethane	50.000	42.995	14.0	87	0.00
7	T	Trichlorofluoromethane	50.000	44.072	11.9	86	0.00
8	T	Diethyl Ether	50.000	44.820	10.4	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.679	12.6	88	0.00
10	T	Methyl Iodide	50.000	44.712	10.6	81	-0.01
11	T	Tert butyl alcohol	250.000	328.949	-31.6#	131	-0.03
12	CM	1,1-Dichloroethene	50.000	44.436	11.1#	86	-0.01
13	T	Acrolein	250.000	302.869	-21.1	129	0.00
14	T	Allyl chloride	50.000	43.379	13.2	89	0.00
15	T	Acrylonitrile	250.000	220.913	11.6	88	-0.01
16	T	Acetone	250.000	229.204	8.3	93	0.00
17	T	Carbon Disulfide	50.000	42.945	14.1	81	-0.01
18	T	Methyl Acetate	50.000	43.750	12.5	90	-0.01
19	T	Methyl tert-butyl Ether	50.000	44.964	10.1	88	-0.01
20	T	Methylene Chloride	50.000	42.026	15.9	89	-0.01
21	T	trans-1,2-Dichloroethene	50.000	42.826	14.3	85	-0.01
22	T	Diisopropyl ether	50.000	44.552	10.9	88	-0.01
23	T	Vinyl Acetate	250.000	224.545	10.2	86	-0.01
24	P	1,1-Dichloroethane	50.000	42.830	14.3	88	-0.01
25	T	2-Butanone	250.000	220.304	11.9	88	-0.01
26	T	2,2-Dichloropropane	50.000	44.334	11.3	90	-0.01
27	T	cis-1,2-Dichloroethene	50.000	43.518	13.0	86	0.00
28	T	Bromochloromethane	50.000	39.553	20.9	88	-0.02
29	T	Tetrahydrofuran	250.000	228.617	8.6	85	0.00
30	C	Chloroform	50.000	44.703	10.6#	91	-0.01
31	T	Cyclohexane	50.000	40.700	18.6	81	-0.01
32	T	1,1,1-Trichloroethane	50.000	44.656	10.7	90	-0.01
33	S	1,2-Dichloroethane-d4	50.000	49.036	1.9	106	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	-0.01
35	S	Dibromofluoromethane	50.000	50.405	-0.8	105	0.00
36	T	1,1-Dichloropropene	50.000	44.076	11.8	85	-0.01
37	T	Ethyl Acetate	50.000	46.725	6.5	87	-0.01
38	T	Carbon Tetrachloride	50.000	44.696	10.6	88	-0.01
39	T	Methylcyclohexane	50.000	43.202	13.6	81	-0.01
40	TM	Benzene	50.000	44.511	11.0	88	-0.01
41	T	Methacrylonitrile	50.000	43.958	12.1	97	-0.01
42	TM	1,2-Dichloroethane	50.000	45.025	10.0	89	-0.01
43	T	Isopropyl Acetate	50.000	44.691	10.6	86	0.00
44	TM	Trichloroethene	50.000	43.501	13.0	87	-0.01
45	C	1,2-Dichloropropane	50.000	44.142	11.7#	88	-0.01
46	T	Dibromomethane	50.000	44.321	11.4	87	-0.01
47	T	Bromodichloromethane	50.000	45.315	9.4	92	0.00
48	T	Methyl methacrylate	50.000	46.060	7.9	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	933.957	6.6	87	0.00
50	S	Toluene-d8	50.000	48.810	2.4	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	231.171	7.5	86	0.00
52	CM	Toluene	50.000	45.409	9.2#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	45.492	9.0	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.334	9.3	89	-0.01
55	T	1,1,2-Trichloroethane	50.000	45.770	8.5	90	0.00
56	T	Ethyl methacrylate	50.000	46.725	6.5	87	0.00
57	T	1,3-Dichloropropane	50.000	45.501	9.0	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	209.221	16.3	94	0.00
59	T	2-Hexanone	250.000	238.174	4.7	87	0.00
60	T	Dibromochloromethane	50.000	45.444	9.1	89	0.00
61	T	1,2-Dibromoethane	50.000	45.928	8.1	88	0.00
62	S	4-Bromofluorobenzene	50.000	51.785	-3.6	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	43.455	13.1	86	0.00
65	PM	Chlorobenzene	50.000	44.323	11.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.417	11.2	90	0.00
67	C	Ethyl Benzene	50.000	44.940	10.1#	89	0.00
68	T	m/p-Xylenes	100.000	90.785	9.2	89	0.00
69	T	o-Xylene	50.000	45.200	9.6	89	0.00
70	T	Styrene	50.000	45.943	8.1	90	0.00
71	P	Bromoform	50.000	45.321	9.4	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	44.097	11.8	90	0.00
74	T	N-amyl acetate	50.000	44.297	11.4	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.579	10.8	90	0.00
76	T	1,2,3-Trichloropropane	50.000	42.095	15.8	102	0.00
77	T	Bromobenzene	50.000	44.070	11.9	91	0.00
78	T	n-propylbenzene	50.000	43.964	12.1	89	0.00
79	T	2-Chlorotoluene	50.000	43.968	12.1	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.034	9.9	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.516	11.0	87	0.00
82	T	4-Chlorotoluene	50.000	44.357	11.3	93	0.00
83	T	tert-Butylbenzene	50.000	44.085	11.8	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.816	8.4	92	0.00
85	T	sec-Butylbenzene	50.000	44.266	11.5	90	0.00
86	T	p-Isopropyltoluene	50.000	44.616	10.8	91	0.00
87	T	1,3-Dichlorobenzene	50.000	43.723	12.6	91	0.00
88	T	1,4-Dichlorobenzene	50.000	43.498	13.0	91	0.00
89	T	n-Butylbenzene	50.000	44.617	10.8	91	0.00
90	T	Hexachloroethane	50.000	43.320	13.4	92	0.00
91	T	1,2-Dichlorobenzene	50.000	44.480	11.0	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.675	10.7	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.566	10.9	91	0.00
94	T	Hexachlorobutadiene	50.000	43.209	13.6	92	0.00
95	T	Naphthalene	50.000	41.179	17.6	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.623	10.8	91	0.00

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