Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016589.D
Acq On : 05 Dec 2023 10:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 06 02:20:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	49.131	1.7	108	0.00
3	P	Chloromethane	50.000	44.788	10.4	97	0.00
4	C	Vinyl Chloride	50.000	46.477	7.0#	98	0.00
5	T	Bromomethane	50.000	47.837	4.3	102	0.00
6	T	Chloroethane	50.000	47.591	4.8	98	0.01
7	T	Trichlorofluoromethane	50.000	52.112	-4.2	109	0.00
8	T	Diethyl Ether	50.000	46.500	7.0	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.220	-2.4	105	0.01
10	T	Methyl Iodide	50.000	55.589	-11.2	112	0.01
11	T	Tert butyl alcohol	250.000	215.969	13.6	88	0.01
12	CM	1,1-Dichloroethene	50.000	51.531	-3.1#	105	0.01
13	T	Acrolein	250.000	222.345	11.1	85	0.00
14	T	Allyl chloride	50.000	48.972	2.1	99	0.00
15	T	Acrylonitrile	250.000	219.207	12.3	86	0.00
16	T	Acetone	250.000	202.684	18.9	92	0.00
17	T	Carbon Disulfide	50.000	50.262	-0.5	102	0.01
18	T	Methyl Acetate	50.000	45.732	8.5	85	0.00
19	T	Methyl tert-butyl Ether	50.000	48.386	3.2	95	0.00
20	T	Methylene Chloride	50.000	48.090	3.8	94	0.01
21	T	trans-1,2-Dichloroethene	50.000	51.480	-3.0	106	0.00
22	T	Diisopropyl ether	50.000	47.066	5.9	93	0.01
23	T	Vinyl Acetate	250.000	227.579	9.0	90	0.01
24	P	1,1-Dichloroethane	50.000	48.689	2.6	100	0.01
25	T	2-Butanone	250.000	200.223	19.9	85	0.00
26	T	2,2-Dichloropropane	50.000	52.427	-4.9	109	0.01
27	T	cis-1,2-Dichloroethene	50.000	50.517	-1.0	102	0.01
28	T	Bromochloromethane	50.000	44.560	10.9	85	0.01
29	T	Tetrahydrofuran	250.000	213.377	14.6	81	0.00
30	C	Chloroform	50.000	49.637	0.7#	102	0.01
31	T	Cyclohexane	50.000	46.659	6.7	101	0.00
32	T	1,1,1-Trichloroethane	50.000	52.301	-4.6	109	0.01
33	S	1,2-Dichloroethane-d4	50.000	47.526	4.9	89	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	51.703	-3.4	93	0.00
36	T	1,1-Dichloropropene	50.000	52.745	-5.5	103	0.00
37	T	Ethyl Acetate	50.000	43.366	13.3	81	0.00
38	T	Carbon Tetrachloride	50.000	55.297	-10.6	109	0.00
39	T	Methylcyclohexane	50.000	54.022	-8.0	103	0.00
40	TM	Benzene	50.000	51.424	-2.8	101	0.01
41	T	Methacrylonitrile	50.000	48.952	2.1	92	0.00
42	TM	1,2-Dichloroethane	50.000	50.274	-0.5	97	0.00
43	T	Isopropyl Acetate	50.000	46.483	7.0	85	0.00
44	TM	Trichloroethene	50.000	52.846	-5.7	106	0.00
45	C	1,2-Dichloropropane	50.000	48.889	2.2#	95	0.00
46	T	Dibromomethane	50.000	49.410	1.2	93	0.00
47	T	Bromodichloromethane	50.000	50.941	-1.9	99	0.01
48	T	Methyl methacrylate	50.000	46.538	6.9	84	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	920.198	8.0	84	0.01
50	S	Toluene-d8	50.000	52.799	-5.6	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	223.900	10.4	81	0.00
52	CM	Toluene	50.000	53.175	-6.3#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	51.060	-2.1	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.516	-3.0	98	0.00
55	T	1,1,2-Trichloroethane	50.000	50.039	-0.1	96	0.01
56	T	Ethyl methacrylate	50.000	49.699	0.6	89	0.00
57	T	1,3-Dichloropropane	50.000	48.684	2.6	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.141	-2.5	90	0.00
59	T	2-Hexanone	250.000	214.311	14.3	82	0.00
60	T	Dibromochloromethane	50.000	50.990	-2.0	99	0.00
61	T	1,2-Dibromoethane	50.000	50.268	-0.5	93	0.00
62	S	4-Bromofluorobenzene	50.000	51.981	-4.0	93	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	53.711	-7.4	102	0.00
65	PM	Chlorobenzene	50.000	53.141	-6.3	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.282	-6.6	101	0.00
67	C	Ethyl Benzene	50.000	53.595	-7.2#	101	0.00
68	T	m/p-Xylenes	100.000	108.423	-8.4	102	0.00
69	T	o-Xylene	50.000	54.580	-9.2	104	0.01
70	T	Styrene	50.000	54.467	-8.9	101	0.00
71	P	Bromoform	50.000	50.721	-1.4	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.01
73	T	Isopropylbenzene	50.000	56.861	-13.7	103	0.00
74	T	N-amyl acetate	50.000	47.409	5.2	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.275	1.5	89	0.00
76	T	1,2,3-Trichloropropane	50.000	48.688	2.6	90	0.00
77	T	Bromobenzene	50.000	55.250	-10.5	101	0.01
78	T	n-propylbenzene	50.000	55.666	-11.3	102	0.00
79	T	2-Chlorotoluene	50.000	54.146	-8.3	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.793	-11.6	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.558	2.9	87	0.01
82	T	4-Chlorotoluene	50.000	53.284	-6.6	98	0.00
83	T	tert-Butylbenzene	50.000	56.852	-13.7	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.013	-12.0	101	0.00
85	T	sec-Butylbenzene	50.000	55.962	-11.9	102	0.00
86	T	p-Isopropyltoluene	50.000	56.966	-13.9	102	0.00
87	T	1,3-Dichlorobenzene	50.000	53.970	-7.9	99	0.00
88	T	1,4-Dichlorobenzene	50.000	53.656	-7.3	98	0.01
89	T	n-Butylbenzene	50.000	55.766	-11.5	100	0.00
90	T	Hexachloroethane	50.000	54.034	-8.1	100	0.00
91	T	1,2-Dichlorobenzene	50.000	52.781	-5.6	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.127	-0.3	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.044	-8.1	95	0.01
94	T	Hexachlorobutadiene	50.000	55.546	-11.1	100	0.00
95	T	Naphthalene	50.000	53.520	-7.0	89	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.264	-8.5	92	0.00

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