Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
Data File : VY011734.D
Acq On : 07 Dec 2022 17:50
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 08 07:57:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
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	118	-0.01
2	T	Dichlorodifluoromethane	50.000	48.068	3.9	117	0.00
3	P	Chloromethane	50.000	39.978	20.0	94	0.00
4	C	Vinyl Chloride	50.000	36.891	26.2#	93	0.00
5	T	Bromomethane	50.000	38.321	23.4	92	-0.01
6	T	Chloroethane	50.000	36.474	27.1#	93	0.00
7	T	Trichlorofluoromethane	50.000	46.188	7.6	119	0.00
8	T	Diethyl Ether	50.000	53.515	-7.0	134	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.764	0.5	124	-0.01
10	T	Methyl Iodide	50.000	49.480	1.0	111	-0.01
11	T	Tert butyl alcohol	250.000	270.938	-8.4	140	0.00
12	CM	1,1-Dichloroethene	50.000	49.403	1.2#	121	-0.01
13	T	Acrolein	250.000	186.500	25.4#	142	0.00
14	T	Allyl chloride	50.000	50.026	-0.1	118	0.00
15	T	Acrylonitrile	250.000	290.329	-16.1	144	-0.01
16	T	Acetone	250.000	270.630	-8.3	134	0.00
17	T	Carbon Disulfide	50.000	42.932	14.1	104	0.00
18	T	Methyl Acetate	50.000	55.882	-11.8	143	-0.01
19	T	Methyl tert-butyl Ether	50.000	57.825	-15.7	138	0.00
20	T	Methylene Chloride	50.000	48.142	3.7	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.525	3.0	116	-0.01
22	T	Diisopropyl ether	50.000	50.969	-1.9	118	0.00
23	T	Vinyl Acetate	250.000	274.274	-9.7	123	0.00
24	P	1,1-Dichloroethane	50.000	49.515	1.0	122	-0.01
25	T	2-Butanone	250.000	279.251	-11.7	138	0.00
26	T	2,2-Dichloropropane	50.000	49.392	1.2	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.839	-1.7	121	-0.01
28	T	Bromochloromethane	50.000	46.833	6.3	112	0.00
29	T	Tetrahydrofuran	250.000	282.565	-13.0	138	0.00
30	C	Chloroform	50.000	50.169	-0.3#	122	0.00
31	T	Cyclohexane	50.000	45.277	9.4	111	0.00
32	T	1,1,1-Trichloroethane	50.000	49.545	0.9	121	-0.01
33	S	1,2-Dichloroethane-d4	50.000	49.949	0.1	134	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35	S	Dibromofluoromethane	50.000	53.641	-7.3	140	0.00
36	T	1,1-Dichloropropene	50.000	47.529	4.9	114	-0.01
37	T	Ethyl Acetate	50.000	54.344	-8.7	135	0.00
38	T	Carbon Tetrachloride	50.000	48.205	3.6	119	0.00
39	T	Methylcyclohexane	50.000	49.187	1.6	114	0.00
40	TM	Benzene	50.000	48.258	3.5	116	0.00
41	T	Methacrylonitrile	50.000	53.733	-7.5	139	-0.01
42	TM	1,2-Dichloroethane	50.000	48.672	2.7	121	0.00
43	T	Isopropyl Acetate	50.000	53.861	-7.7	131	0.00
44	TM	Trichloroethene	50.000	48.814	2.4	120	0.00
45	C	1,2-Dichloropropane	50.000	50.566	-1.1#	122	0.00
46	T	Dibromomethane	50.000	50.038	-0.1	124	0.00
47	T	Bromodichloromethane	50.000	50.622	-1.2	123	0.00
48	T	Methyl methacrylate	50.000	55.430	-10.9	131	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1220.121	-22.0	149	0.00
50	S	Toluene-d8	50.000	48.054	3.9	126	0.00
51	T	4-Methyl-2-Pentanone	250.000	279.046	-11.6	134	0.00
52	CM	Toluene	50.000	48.755	2.5#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	51.892	-3.8	125	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.122	-2.2	123	0.00
55	T	1,1,2-Trichloroethane	50.000	52.043	-4.1	128	0.00
56	T	Ethyl methacrylate	50.000	57.783	-15.6	135	0.00
57	T	1,3-Dichloropropane	50.000	51.391	-2.8	124	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.253	-11.7	129	0.00
59	T	2-Hexanone	250.000	285.635	-14.3	135	0.00
60	T	Dibromochloromethane	50.000	51.669	-3.3	126	0.00
61	T	1,2-Dibromoethane	50.000	51.996	-4.0	127	0.00
62	S	4-Bromofluorobenzene	50.000	51.943	-3.9	132	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64	T	Tetrachloroethene	50.000	50.069	-0.1	117	0.00
65	PM	Chlorobenzene	50.000	49.791	0.4	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.847	-3.7	119	0.00
67	C	Ethyl Benzene	50.000	49.721	0.6#	113	0.00
68	T	m/p-Xylenes	100.000	98.635	1.4	110	0.00
69	T	o-Xylene	50.000	51.174	-2.3	113	0.00
70	T	Styrene	50.000	51.832	-3.7	115	0.00
71	P	Bromoform	50.000	53.988	-8.0	127	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73	T	Isopropylbenzene	50.000	51.946	-3.9	112	0.00
74	T	N-amyl acetate	50.000	56.424	-12.8	125	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.663	-5.3	124	0.00
76	T	1,2,3-Trichloropropane	50.000	55.207	-10.4	117	0.00
77	T	Bromobenzene	50.000	50.834	-1.7	115	0.00
78	T	n-propylbenzene	50.000	50.648	-1.3	109	0.00
79	T	2-Chlorotoluene	50.000	50.702	-1.4	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.834	-3.7	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.135	-10.3	128	0.00
82	T	4-Chlorotoluene	50.000	49.444	1.1	109	0.00
83	T	tert-Butylbenzene	50.000	52.691	-5.4	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.976	-2.0	110	0.00
85	T	sec-Butylbenzene	50.000	51.297	-2.6	111	0.00
86	T	p-Isopropyltoluene	50.000	51.218	-2.4	109	0.00
87	T	1,3-Dichlorobenzene	50.000	48.563	2.9	110	0.00
88	T	1,4-Dichlorobenzene	50.000	48.103	3.8	110	0.00
89	T	n-Butylbenzene	50.000	50.945	-1.9	108	0.00
90	T	Hexachloroethane	50.000	49.302	1.4	114	0.00
91	T	1,2-Dichlorobenzene	50.000	49.704	0.6	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.247	-14.5	134	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.716	-7.4	122	0.00
94	T	Hexachlorobutadiene	50.000	52.719	-5.4	122	0.00
95	T	Naphthalene	50.000	54.994	-10.0	138	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.365	-8.7	125	0.00

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