Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
Data File : VY012234.D
Acq On : 18 Jan 2023 09:47
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: Jan 19 00:33:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 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	117	0.00
2	T	Dichlorodifluoromethane	50.000	43.946	12.1	121	0.00
3	P	Chloromethane	50.000	46.991	6.0	121	0.00
4	C	Vinyl Chloride	50.000	47.311	5.4#	120	0.00
5	T	Bromomethane	50.000	46.559	6.9	119	0.00
6	T	Chloroethane	50.000	47.366	5.3	119	0.00
7	T	Trichlorofluoromethane	50.000	47.165	5.7	121	0.00
8	T	Diethyl Ether	50.000	48.259	3.5	119	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.050	-0.1	129	0.00
10	T	Methyl Iodide	50.000	44.870	10.3	105	0.00
11	T	Tert butyl alcohol	250.000	239.590	4.2	120	0.00
12	CM	1,1-Dichloroethene	50.000	49.370	1.3#	121	0.00
13	T	Acrolein	250.000	203.632	18.5	111	0.00
14	T	Allyl chloride	50.000	50.836	-1.7	125	0.00
15	T	Acrylonitrile	250.000	254.936	-2.0	122	0.00
16	T	Acetone	250.000	288.281	-15.3	122	0.00
17	T	Carbon Disulfide	50.000	48.782	2.4	121	0.00
18	T	Methyl Acetate	50.000	50.962	-1.9	124	0.00
19	T	Methyl tert-butyl Ether	50.000	49.497	1.0	116	0.00
20	T	Methylene Chloride	50.000	42.447	15.1	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.606	0.8	121	0.00
22	T	Diisopropyl ether	50.000	51.284	-2.6	124	0.00
23	T	Vinyl Acetate	250.000	258.863	-3.5	122	0.00
24	P	1,1-Dichloroethane	50.000	50.107	-0.2	122	0.00
25	T	2-Butanone	250.000	282.603	-13.0	130	0.00
26	T	2,2-Dichloropropane	50.000	48.064	3.9	118	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.470	1.1	119	0.00
28	T	Bromochloromethane	50.000	47.564	4.9	120	0.00
29	T	Tetrahydrofuran	250.000	265.584	-6.2	123	0.00
30	C	Chloroform	50.000	48.928	2.1#	118	0.00
31	T	Cyclohexane	50.000	48.257	3.5	130	0.00
32	T	1,1,1-Trichloroethane	50.000	47.943	4.1	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.345	7.3	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35	S	Dibromofluoromethane	50.000	46.886	6.2	119	0.00
36	T	1,1-Dichloropropene	50.000	49.731	0.5	121	0.00
37	T	Ethyl Acetate	50.000	51.966	-3.9	121	0.00
38	T	Carbon Tetrachloride	50.000	48.544	2.9	118	0.00
39	T	Methylcyclohexane	50.000	51.650	-3.3	127	0.00
40	TM	Benzene	50.000	50.130	-0.3	121	0.00
41	T	Methacrylonitrile	50.000	54.358	-8.7	121	-0.02
42	TM	1,2-Dichloroethane	50.000	48.675	2.7	114	0.00
43	T	Isopropyl Acetate	50.000	51.983	-4.0	120	0.00
44	TM	Trichloroethene	50.000	49.856	0.3	120	0.00
45	C	1,2-Dichloropropane	50.000	52.404	-4.8#	126	0.00
46	T	Dibromomethane	50.000	50.683	-1.4	119	0.00
47	T	Bromodichloromethane	50.000	49.914	0.2	118	0.00
48	T	Methyl methacrylate	50.000	52.165	-4.3	116	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1027.646	-2.8	114	0.00
50	S	Toluene-d8	50.000	48.510	3.0	116	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.238	-6.1	121	0.00
52	CM	Toluene	50.000	50.144	-0.3#	119	0.00
53	T	t-1,3-Dichloropropene	50.000	50.029	-0.1	116	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.714	-1.4	118	0.00
55	T	1,1,2-Trichloroethane	50.000	50.076	-0.2	117	0.00
56	T	Ethyl methacrylate	50.000	52.729	-5.5	119	0.00
57	T	1,3-Dichloropropane	50.000	51.457	-2.9	120	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.897	2.0	117	0.00
59	T	2-Hexanone	250.000	282.498	-13.0	124	0.00
60	T	Dibromochloromethane	50.000	50.405	-0.8	116	0.00
61	T	1,2-Dibromoethane	50.000	50.169	-0.3	117	0.00
62	S	4-Bromofluorobenzene	50.000	45.463	9.1	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64	T	Tetrachloroethene	50.000	52.808	-5.6	123	0.00
65	PM	Chlorobenzene	50.000	49.848	0.3	119	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.191	-0.4	116	0.00
67	C	Ethyl Benzene	50.000	50.240	-0.5#	118	0.00
68	T	m/p-Xylenes	100.000	100.372	-0.4	118	0.00
69	T	o-Xylene	50.000	50.107	-0.2	117	0.00
70	T	Styrene	50.000	50.350	-0.7	117	0.00
71	P	Bromoform	50.000	50.351	-0.7	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73	T	Isopropylbenzene	50.000	51.076	-2.2	118	0.00
74	T	N-amyl acetate	50.000	51.968	-3.9	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.962	-3.9	118	0.00
76	T	1,2,3-Trichloropropane	50.000	46.722	6.6	96	0.00
77	T	Bromobenzene	50.000	50.181	-0.4	115	0.00
78	T	n-propylbenzene	50.000	50.293	-0.6	119	0.00
79	T	2-Chlorotoluene	50.000	50.364	-0.7	118	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.638	-1.3	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.747	-3.5	115	0.00
82	T	4-Chlorotoluene	50.000	49.582	0.8	117	0.00
83	T	tert-Butylbenzene	50.000	50.541	-1.1	121	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.474	-0.9	116	0.00
85	T	sec-Butylbenzene	50.000	50.292	-0.6	119	0.00
86	T	p-Isopropyltoluene	50.000	50.058	-0.1	118	0.00
87	T	1,3-Dichlorobenzene	50.000	49.220	1.6	115	0.00
88	T	1,4-Dichlorobenzene	50.000	48.443	3.1	114	0.00
89	T	n-Butylbenzene	50.000	50.672	-1.3	120	0.00
90	T	Hexachloroethane	50.000	50.410	-0.8	120	0.00
91	T	1,2-Dichlorobenzene	50.000	48.689	2.6	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.195	-0.4	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.480	3.0	116	0.00
94	T	Hexachlorobutadiene	50.000	48.515	3.0	119	0.00
95	T	Naphthalene	50.000	50.182	-0.4	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.129	1.7	118	0.00

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