Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017218.D
Acq On : 05 Feb 2024 09:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 01:10:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
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	104	0.02
2	T	Dichlorodifluoromethane	50.000	45.550	8.9	112	0.01
3	P	Chloromethane	50.000	48.696	2.6	114	0.00
4	C	Vinyl Chloride	50.000	46.466	7.1#	109	0.01
5	T	Bromomethane	50.000	44.573	10.9	107	0.02
6	T	Chloroethane	50.000	48.535	2.9	111	0.02
7	T	Trichlorofluoromethane	50.000	67.196	-34.4#	156	0.01
8	T	Diethyl Ether	50.000	47.351	5.3	103	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.478	-1.0	115	0.02
10	T	Methyl Iodide	50.000	49.744	0.5	107	0.02
11	T	Tert butyl alcohol	250.000	145.407	41.8#	71	0.09
12	CM	1,1-Dichloroethene	50.000	49.705	0.6#	112	0.02
13	T	Acrolein	250.000	202.791	18.9	91	0.03
14	T	Allyl chloride	50.000	49.316	1.4	109	0.02
15	T	Acrylonitrile	250.000	211.469	15.4	94	0.04
16	T	Acetone	250.000	212.853	14.9	103	0.04
17	T	Carbon Disulfide	50.000	49.244	1.5	110	0.01
18	T	Methyl Acetate	50.000	46.266	7.5	92	0.02
19	T	Methyl tert-butyl Ether	50.000	45.695	8.6	100	0.02
20	T	Methylene Chloride	50.000	50.034	-0.1	109	0.02
21	T	trans-1,2-Dichloroethene	50.000	49.827	0.3	110	0.02
22	T	Diisopropyl ether	50.000	49.040	1.9	105	0.02
23	T	Vinyl Acetate	250.000	229.077	8.4	100	0.02
24	P	1,1-Dichloroethane	50.000	48.208	3.6	108	0.02
25	T	2-Butanone	250.000	198.146	20.7	93	0.04
26	T	2,2-Dichloropropane	50.000	49.252	1.5	110	0.02
27	T	cis-1,2-Dichloroethene	50.000	48.953	2.1	108	0.02
28	T	Bromochloromethane	50.000	46.288	7.4	91	0.02
29	T	Tetrahydrofuran	250.000	205.258	17.9	90	0.02
30	C	Chloroform	50.000	48.545	2.9#	108	0.02
31	T	Cyclohexane	50.000	48.330	3.3	111	0.02
32	T	1,1,1-Trichloroethane	50.000	49.394	1.2	109	0.02
33	S	1,2-Dichloroethane-d4	50.000	41.472	17.1	84	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.01
35	S	Dibromofluoromethane	50.000	44.638	10.7	87	0.01
36	T	1,1-Dichloropropene	50.000	51.263	-2.5	109	0.02
37	T	Ethyl Acetate	50.000	46.085	7.8	102	0.02
38	T	Carbon Tetrachloride	50.000	52.033	-4.1	112	0.01
39	T	Methylcyclohexane	50.000	53.456	-6.9	112	0.01
40	TM	Benzene	50.000	50.849	-1.7	109	0.02
41	T	Methacrylonitrile	50.000	48.248	3.5	106	0.02
42	TM	1,2-Dichloroethane	50.000	46.765	6.5	100	0.01
43	T	Isopropyl Acetate	50.000	44.373	11.3	95	0.02
44	TM	Trichloroethene	50.000	51.762	-3.5	110	0.01
45	C	1,2-Dichloropropane	50.000	49.603	0.8#	106	0.01
46	T	Dibromomethane	50.000	47.127	5.7	101	0.01
47	T	Bromodichloromethane	50.000	48.670	2.7	105	0.01
48	T	Methyl methacrylate	50.000	45.513	9.0	96	0.01

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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	852.605	14.7	90	0.07
50	S	Toluene-d8	50.000	46.013	8.0	87	0.02
51	T	4-Methyl-2-Pentanone	250.000	229.060	8.4	97	0.02
52	CM	Toluene	50.000	52.166	-4.3#	109	0.01
53	T	t-1,3-Dichloropropene	50.000	48.718	2.6	103	0.01
54	T	cis-1,3-Dichloropropene	50.000	50.016	-0.0	105	0.01
55	T	1,1,2-Trichloroethane	50.000	48.437	3.1	102	0.01
56	T	Ethyl methacrylate	50.000	44.108	11.8	98	0.00
57	T	1,3-Dichloropropane	50.000	49.156	1.7	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.799	-7.1	106	0.01
59	T	2-Hexanone	250.000	231.288	7.5	99	0.01
60	T	Dibromochloromethane	50.000	48.992	2.0	105	0.01
61	T	1,2-Dibromoethane	50.000	47.634	4.7	103	0.00
62	S	4-Bromofluorobenzene	50.000	44.408	11.2	86	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	50.856	-1.7	111	0.01
65	PM	Chlorobenzene	50.000	50.479	-1.0	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.372	-0.7	108	0.00
67	C	Ethyl Benzene	50.000	52.604	-5.2#	109	0.01
68	T	m/p-Xylenes	100.000	105.182	-5.2	109	0.01
69	T	o-Xylene	50.000	52.314	-4.6	108	0.00
70	T	Styrene	50.000	53.033	-6.1	107	0.01
71	P	Bromoform	50.000	49.207	1.6	105	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.01
73	T	Isopropylbenzene	50.000	52.246	-4.5	111	0.01
74	T	N-amyl acetate	50.000	47.239	5.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.096	7.8	101	0.01
76	T	1,2,3-Trichloropropane	50.000	48.400	3.2	109	0.00
77	T	Bromobenzene	50.000	49.869	0.3	109	0.00
78	T	n-propylbenzene	50.000	52.345	-4.7	110	0.01
79	T	2-Chlorotoluene	50.000	50.423	-0.8	108	0.01
80	T	1,3,5-Trimethylbenzene	50.000	52.491	-5.0	111	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	46.123	7.8	100	0.01
82	T	4-Chlorotoluene	50.000	50.906	-1.8	109	0.01
83	T	tert-Butylbenzene	50.000	54.042	-8.1	113	0.01
84	T	1,2,4-Trimethylbenzene	50.000	52.318	-4.6	110	0.00
85	T	sec-Butylbenzene	50.000	52.528	-5.1	111	0.00
86	T	p-Isopropyltoluene	50.000	53.160	-6.3	112	0.00
87	T	1,3-Dichlorobenzene	50.000	50.480	-1.0	110	0.01
88	T	1,4-Dichlorobenzene	50.000	50.434	-0.9	112	0.01
89	T	n-Butylbenzene	50.000	53.950	-7.9	113	0.01
90	T	Hexachloroethane	50.000	51.236	-2.5	112	0.00
91	T	1,2-Dichlorobenzene	50.000	50.521	-1.0	110	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.262	5.5	106	0.01
93	T	1,2,4-Trichlorobenzene	50.000	56.035	-12.1	122	0.01
94	T	Hexachlorobutadiene	50.000	56.363	-12.7	128	0.01
95	T	Naphthalene	50.000	51.001	-2.0	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.499	-13.0	127	0.00

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