Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
Data File : VY015695.D
Acq On : 25 Sep 2023 09:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 04:22:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	99	0.02
2	T	Dichlorodifluoromethane	50.000	50.831	-1.7	92	0.01
3	P	Chloromethane	50.000	50.008	-0.0	91	0.01
4	C	Vinyl Chloride	50.000	51.390	-2.8#	93	0.01
5	T	Bromomethane	50.000	43.141	13.7	86	0.02
6	T	Chloroethane	50.000	51.446	-2.9	94	0.01
7	T	Trichlorofluoromethane	50.000	51.273	-2.5	97	0.02
8	T	Diethyl Ether	50.000	48.810	2.4	92	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.937	-3.9	98	0.01
10	T	Methyl Iodide	50.000	46.080	7.8	87	0.02
11	T	Tert butyl alcohol	250.000	246.859	1.3	104	0.05
12	CM	1,1-Dichloroethene	50.000	50.821	-1.6#	96	0.01
13	T	Acrolein	250.000	263.340	-5.3	103	0.02
14	T	Allyl chloride	50.000	49.711	0.6	92	0.02
15	T	Acrylonitrile	250.000	253.337	-1.3	99	0.02
16	T	Acetone	250.000	268.572	-7.4	110	0.02
17	T	Carbon Disulfide	50.000	50.456	-0.9	89	0.02
18	T	Methyl Acetate	50.000	51.494	-3.0	100	0.02
19	T	Methyl tert-butyl Ether	50.000	50.510	-1.0	95	0.02
20	T	Methylene Chloride	50.000	44.737	10.5	88	0.02
21	T	trans-1,2-Dichloroethene	50.000	51.054	-2.1	93	0.02
22	T	Diisopropyl ether	50.000	50.253	-0.5	92	0.02
23	T	Vinyl Acetate	250.000	251.370	-0.5	94	0.02
24	P	1,1-Dichloroethane	50.000	49.629	0.7	93	0.02
25	T	2-Butanone	250.000	245.289	1.9	102	0.02
26	T	2,2-Dichloropropane	50.000	47.725	4.5	97	0.02
27	T	cis-1,2-Dichloroethene	50.000	50.065	-0.1	93	0.02
28	T	Bromochloromethane	50.000	47.082	5.8	91	0.02
29	T	Tetrahydrofuran	250.000	253.101	-1.2	100	0.02
30	C	Chloroform	50.000	49.624	0.8#	95	0.02
31	T	Cyclohexane	50.000	47.768	4.5	93	0.01
32	T	1,1,1-Trichloroethane	50.000	51.042	-2.1	96	0.02
33	S	1,2-Dichloroethane-d4	50.000	42.161	15.7	91	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.01
35	S	Dibromofluoromethane	50.000	46.192	7.6	94	0.01
36	T	1,1-Dichloropropene	50.000	51.093	-2.2	95	0.02
37	T	Ethyl Acetate	50.000	51.832	-3.7	100	0.02
38	T	Carbon Tetrachloride	50.000	52.600	-5.2	97	0.02
39	T	Methylcyclohexane	50.000	50.673	-1.3	92	0.01
40	TM	Benzene	50.000	50.495	-1.0	92	0.02
41	T	Methacrylonitrile	50.000	46.189	7.6	100	0.01
42	TM	1,2-Dichloroethane	50.000	49.842	0.3	93	0.01
43	T	Isopropyl Acetate	50.000	51.298	-2.6	97	0.02
44	TM	Trichloroethene	50.000	51.341	-2.7	95	0.01
45	C	1,2-Dichloropropane	50.000	50.687	-1.4#	93	0.00
46	T	Dibromomethane	50.000	51.624	-3.2	95	0.02
47	T	Bromodichloromethane	50.000	51.127	-2.3	94	0.01
48	T	Methyl methacrylate	50.000	51.411	-2.8	96	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1094.045	-9.4	108	0.03
50	S	Toluene-d8	50.000	42.853	14.3	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	260.477	-4.2	99	0.00
52	CM	Toluene	50.000	51.377	-2.8#	93	0.01
53	T	t-1,3-Dichloropropene	50.000	52.264	-4.5	95	0.01
54	T	cis-1,3-Dichloropropene	50.000	51.175	-2.3	94	0.01
55	T	1,1,2-Trichloroethane	50.000	51.418	-2.8	96	0.01
56	T	Ethyl methacrylate	50.000	52.415	-4.8	95	0.00
57	T	1,3-Dichloropropane	50.000	51.301	-2.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.779	2.1	98	0.01
59	T	2-Hexanone	250.000	264.442	-5.8	102	0.00
60	T	Dibromochloromethane	50.000	52.247	-4.5	97	0.00
61	T	1,2-Dibromoethane	50.000	51.574	-3.1	98	0.00
62	S	4-Bromofluorobenzene	50.000	44.269	11.5	93	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	52.730	-5.5	96	0.01
65	PM	Chlorobenzene	50.000	50.953	-1.9	94	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	51.884	-3.8	94	0.01
67	C	Ethyl Benzene	50.000	51.809	-3.6#	93	0.01
68	T	m/p-Xylenes	100.000	104.811	-4.8	95	0.00
69	T	o-Xylene	50.000	52.466	-4.9	94	0.01
70	T	Styrene	50.000	52.914	-5.8	94	0.00
71	P	Bromoform	50.000	54.762	-9.5	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.01
73	T	Isopropylbenzene	50.000	50.473	-0.9	95	0.01
74	T	N-amyl acetate	50.000	51.230	-2.5	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.200	-0.4	98	0.00
76	T	1,2,3-Trichloropropane	50.000	42.692	14.6	80	0.01
77	T	Bromobenzene	50.000	49.871	0.3	95	0.01
78	T	n-propylbenzene	50.000	49.735	0.5	92	0.01
79	T	2-Chlorotoluene	50.000	49.882	0.2	93	0.01
80	T	1,3,5-Trimethylbenzene	50.000	50.057	-0.1	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.697	-5.4	100	0.00
82	T	4-Chlorotoluene	50.000	49.783	0.4	92	0.01
83	T	tert-Butylbenzene	50.000	50.555	-1.1	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.643	-1.3	93	0.00
85	T	sec-Butylbenzene	50.000	50.072	-0.1	93	0.00
86	T	p-Isopropyltoluene	50.000	50.257	-0.5	93	0.00
87	T	1,3-Dichlorobenzene	50.000	50.034	-0.1	94	0.01
88	T	1,4-Dichlorobenzene	50.000	49.918	0.2	94	0.00
89	T	n-Butylbenzene	50.000	50.273	-0.5	93	0.00
90	T	Hexachloroethane	50.000	51.078	-2.2	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.364	-0.7	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.813	-1.6	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.315	-0.6	93	0.01
94	T	Hexachlorobutadiene	50.000	48.424	3.2	89	0.00
95	T	Naphthalene	50.000	52.932	-5.9	98	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.583	-1.2	94	0.00

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