Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
Data File : VY015971.D
Acq On : 13 Oct 2023 20:33
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:52:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	50.858	-1.7	89	0.00
3	P	Chloromethane	50.000	47.606	4.8	93	0.00
4	C	Vinyl Chloride	50.000	56.605	-13.2#	102	0.00
5	T	Bromomethane	50.000	68.052	-36.1#	116	0.01
6	T	Chloroethane	50.000	54.446	-8.9	94	0.01
7	T	Trichlorofluoromethane	50.000	56.496	-13.0	102	0.01
8	T	Diethyl Ether	50.000	56.575	-13.2	101	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.043	-6.1	98	0.00
10	T	Methyl Iodide	50.000	55.446	-10.9	94	0.00
11	T	Tert butyl alcohol	250.000	177.850	28.9#	90	0.05
12	CM	1,1-Dichloroethene	50.000	54.758	-9.5#	100	0.00
13	T	Acrolein	250.000	285.918	-14.4	96	0.01
14	T	Allyl chloride	50.000	54.700	-9.4	98	0.01
15	T	Acrylonitrile	250.000	288.213	-15.3	102	0.01
16	T	Acetone	250.000	262.185	-4.9	81	0.02
17	T	Carbon Disulfide	50.000	50.524	-1.0	92	0.00
18	T	Methyl Acetate	50.000	58.256	-16.5	105	0.02
19	T	Methyl tert-butyl Ether	50.000	52.919	-5.8	94	0.02
20	T	Methylene Chloride	50.000	52.267	-4.5	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.885	-3.8	95	0.00
22	T	Diisopropyl ether	50.000	54.639	-9.3	98	0.02
23	T	Vinyl Acetate	250.000	269.761	-7.9	93	0.02
24	P	1,1-Dichloroethane	50.000	52.683	-5.4	97	0.02
25	T	2-Butanone	250.000	267.346	-6.9	95	0.02
26	T	2,2-Dichloropropane	50.000	50.482	-1.0	94	0.01
27	T	cis-1,2-Dichloroethene	50.000	52.556	-5.1	95	0.01
28	T	Bromochloromethane	50.000	52.532	-5.1	96	0.00
29	T	Tetrahydrofuran	250.000	335.922	-34.4#	120	0.02
30	C	Chloroform	50.000	53.851	-7.7#	98	0.00
31	T	Cyclohexane	50.000	49.230	1.5	94	0.01
32	T	1,1,1-Trichloroethane	50.000	52.245	-4.5	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.372	1.3	88	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	48.865	2.3	88	0.01
36	T	1,1-Dichloropropene	50.000	51.649	-3.3	96	0.01
37	T	Ethyl Acetate	50.000	66.471	-32.9#	120	0.01
38	T	Carbon Tetrachloride	50.000	50.632	-1.3	95	0.01
39	T	Methylcyclohexane	50.000	50.750	-1.5	95	0.01
40	TM	Benzene	50.000	52.411	-4.8	98	0.00
41	T	Methacrylonitrile	50.000	47.253	5.5	88	0.01
42	TM	1,2-Dichloroethane	50.000	53.147	-6.3	99	0.01
43	T	Isopropyl Acetate	50.000	57.420	-14.8	103	0.01
44	TM	Trichloroethene	50.000	52.146	-4.3	100	0.01
45	C	1,2-Dichloropropane	50.000	52.947	-5.9#	99	0.00
46	T	Dibromomethane	50.000	53.622	-7.2	97	0.01
47	T	Bromodichloromethane	50.000	52.556	-5.1	97	0.00
48	T	Methyl methacrylate	50.000	56.414	-12.8	100	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	1455.182	-45.5#	141	0.02
50	S	Toluene-d8	50.000	49.230	1.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.822	-17.1	105	0.01
52	CM	Toluene	50.000	52.938	-5.9#	98	0.01
53	T	t-1,3-Dichloropropene	50.000	52.807	-5.6	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.859	-3.7	95	0.00
55	T	1,1,2-Trichloroethane	50.000	52.394	-4.8	99	0.00
56	T	Ethyl methacrylate	50.000	55.505	-11.0	100	0.00
57	T	1,3-Dichloropropane	50.000	52.798	-5.6	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	383.681	-53.5#	176	0.00
59	T	2-Hexanone	250.000	300.277	-20.1	109	0.00
60	T	Dibromochloromethane	50.000	53.185	-6.4	97	0.00
61	T	1,2-Dibromoethane	50.000	53.046	-6.1	98	0.00
62	S	4-Bromofluorobenzene	50.000	49.925	0.2	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	51.806	-3.6	104	0.01
65	PM	Chlorobenzene	50.000	51.750	-3.5	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.393	-4.8	100	0.00
67	C	Ethyl Benzene	50.000	52.113	-4.2#	98	0.00
68	T	m/p-Xylenes	100.000	104.680	-4.7	98	0.00
69	T	o-Xylene	50.000	52.883	-5.8	99	0.00
70	T	Styrene	50.000	53.686	-7.4	99	0.01
71	P	Bromoform	50.000	53.600	-7.2	99	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	51.518	-3.0	98	0.00
74	T	N-amyl acetate	50.000	55.975	-12.0	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.503	-3.0	97	0.00
76	T	1,2,3-Trichloropropane	50.000	49.311	1.4	106	0.00
77	T	Bromobenzene	50.000	51.734	-3.5	98	0.00
78	T	n-propylbenzene	50.000	51.484	-3.0	97	0.00
79	T	2-Chlorotoluene	50.000	51.530	-3.1	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.978	-4.0	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.931	-7.9	98	0.00
82	T	4-Chlorotoluene	50.000	52.047	-4.1	99	0.00
83	T	tert-Butylbenzene	50.000	52.145	-4.3	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.977	-4.0	98	0.00
85	T	sec-Butylbenzene	50.000	51.218	-2.4	96	0.00
86	T	p-Isopropyltoluene	50.000	51.389	-2.8	96	0.00
87	T	1,3-Dichlorobenzene	50.000	50.919	-1.8	98	0.00
88	T	1,4-Dichlorobenzene	50.000	51.156	-2.3	98	0.00
89	T	n-Butylbenzene	50.000	50.635	-1.3	95	0.00
90	T	Hexachloroethane	50.000	51.052	-2.1	98	0.00
91	T	1,2-Dichlorobenzene	50.000	51.846	-3.7	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.545	-11.1	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.245	1.5	93	0.00
94	T	Hexachlorobutadiene	50.000	46.554	6.9	89	0.00
95	T	Naphthalene	50.000	56.275	-12.5	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.110	1.8	94	0.00

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