Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
Data File : VY015884.D
Acq On : 09 Oct 2023 16:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100923

Quant Time: Oct 10 07:08:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	55.771	-11.5	107	0.00
3	P	Chloromethane	50.000	58.243	-16.5	105	0.00
4	C	Vinyl Chloride	50.000	57.650	-15.3#	103	0.00
5	T	Bromomethane	50.000	56.400	-12.8	104	0.00
6	T	Chloroethane	50.000	56.387	-12.8	103	0.00
7	T	Trichlorofluoromethane	50.000	55.402	-10.8	106	0.00
8	T	Diethyl Ether	50.000	54.662	-9.3	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.284	-10.6	105	0.00
10	T	Methyl Iodide	50.000	54.228	-8.5	106	0.00
11	T	Tert butyl alcohol	250.000	153.932	38.4#	77	0.00
12	CM	1,1-Dichloroethene	50.000	57.974	-15.9#	106	0.00
13	T	Acrolein	250.000	231.046	7.6	90	0.00
14	T	Allyl chloride	50.000	56.161	-12.3	103	0.00
15	T	Acrylonitrile	250.000	241.482	3.4	92	0.00
16	T	Acetone	250.000	201.887	19.2	94	0.00
17	T	Carbon Disulfide	50.000	56.019	-12.0	104	0.00
18	T	Methyl Acetate	50.000	50.164	-0.3	91	0.00
19	T	Methyl tert-butyl Ether	50.000	52.127	-4.3	100	0.00
20	T	Methylene Chloride	50.000	50.800	-1.6	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.866	-15.7	105	0.00
22	T	Diisopropyl ether	50.000	53.809	-7.6	102	0.00
23	T	Vinyl Acetate	250.000	259.960	-4.0	97	0.00
24	P	1,1-Dichloroethane	50.000	54.224	-8.4	104	0.00
25	T	2-Butanone	250.000	223.193	10.7	90	0.00
26	T	2,2-Dichloropropane	50.000	53.514	-7.0	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.313	-10.6	105	0.00
28	T	Bromochloromethane	50.000	49.914	0.2	104	0.00
29	T	Tetrahydrofuran	250.000	234.303	6.3	88	0.00
30	C	Chloroform	50.000	53.547	-7.1#	104	0.00
31	T	Cyclohexane	50.000	52.061	-4.1	104	0.00
32	T	1,1,1-Trichloroethane	50.000	54.778	-9.6	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.915	0.2	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	52.147	-4.3	108	0.00
36	T	1,1-Dichloropropene	50.000	56.783	-13.6	105	0.00
37	T	Ethyl Acetate	50.000	48.715	2.6	92	0.00
38	T	Carbon Tetrachloride	50.000	55.209	-10.4	106	0.00
39	T	Methylcyclohexane	50.000	57.483	-15.0	105	0.00
40	TM	Benzene	50.000	55.688	-11.4	104	0.00
41	T	Methacrylonitrile	50.000	51.151	-2.3	98	0.00
42	TM	1,2-Dichloroethane	50.000	53.268	-6.5	100	0.00
43	T	Isopropyl Acetate	50.000	50.102	-0.2	95	0.00
44	TM	Trichloroethene	50.000	55.881	-11.8	105	0.00
45	C	1,2-Dichloropropane	50.000	53.897	-7.8#	104	0.00
46	T	Dibromomethane	50.000	53.724	-7.4	102	0.00
47	T	Bromodichloromethane	50.000	53.472	-6.9	103	0.00
48	T	Methyl methacrylate	50.000	48.946	2.1	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	973.234	2.7	90	0.00
50	S	Toluene-d8	50.000	53.122	-6.2	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	237.565	5.0	90	0.00
52	CM	Toluene	50.000	55.568	-11.1#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	54.076	-8.2	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.511	-9.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	50.917	-1.8	98	0.00
56	T	Ethyl methacrylate	50.000	51.988	-4.0	96	0.00
57	T	1,3-Dichloropropane	50.000	52.211	-4.4	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	251.414	-0.6	100	0.00
59	T	2-Hexanone	250.000	229.271	8.3	89	0.00
60	T	Dibromochloromethane	50.000	52.312	-4.6	101	0.00
61	T	1,2-Dibromoethane	50.000	52.541	-5.1	100	0.00
62	S	4-Bromofluorobenzene	50.000	49.972	0.1	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	52.862	-5.7	101	0.00
65	PM	Chlorobenzene	50.000	54.531	-9.1	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.496	-9.0	105	0.00
67	C	Ethyl Benzene	50.000	55.512	-11.0#	105	0.00
68	T	m/p-Xylenes	100.000	111.795	-11.8	106	0.00
69	T	o-Xylene	50.000	55.450	-10.9	104	0.00
70	T	Styrene	50.000	55.375	-10.8	103	0.00
71	P	Bromoform	50.000	51.498	-3.0	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	55.490	-11.0	105	0.00
74	T	N-amyl acetate	50.000	50.878	-1.8	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.914	0.2	95	0.00
76	T	1,2,3-Trichloropropane	50.000	51.503	-3.0	104	0.00
77	T	Bromobenzene	50.000	54.039	-8.1	103	0.00
78	T	n-propylbenzene	50.000	55.785	-11.6	105	0.00
79	T	2-Chlorotoluene	50.000	55.477	-11.0	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.935	-11.9	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.885	-3.8	94	0.00
82	T	4-Chlorotoluene	50.000	55.375	-10.8	105	0.00
83	T	tert-Butylbenzene	50.000	55.169	-10.3	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.535	-11.1	104	0.00
85	T	sec-Butylbenzene	50.000	55.660	-11.3	104	0.00
86	T	p-Isopropyltoluene	50.000	56.202	-12.4	104	0.00
87	T	1,3-Dichlorobenzene	50.000	53.950	-7.9	103	0.00
88	T	1,4-Dichlorobenzene	50.000	53.978	-8.0	103	0.00
89	T	n-Butylbenzene	50.000	56.584	-13.2	105	0.00
90	T	Hexachloroethane	50.000	55.446	-10.9	105	0.00
91	T	1,2-Dichlorobenzene	50.000	53.906	-7.8	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.221	5.6	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.301	-8.6	102	0.00
94	T	Hexachlorobutadiene	50.000	54.889	-9.8	105	0.00
95	T	Naphthalene	50.000	52.203	-4.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.582	-9.2	103	0.00

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