Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
Data File : VY016148.D
Acq On : 31 Oct 2023 15:03
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103123

Quant Time: Nov 01 03:36:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	50.983	-2.0	97	0.00
3	P	Chloromethane	50.000	47.766	4.5	97	0.00
4	C	Vinyl Chloride	50.000	51.206	-2.4#	99	0.00
5	T	Bromomethane	50.000	53.579	-7.2	109	0.00
6	T	Chloroethane	50.000	50.236	-0.5	101	0.00
7	T	Trichlorofluoromethane	50.000	50.390	-0.8	98	0.00
8	T	Diethyl Ether	50.000	51.874	-3.7	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.119	-0.2	99	0.00
10	T	Methyl Iodide	50.000	53.748	-7.5	108	0.00
11	T	Tert butyl alcohol	250.000	246.168	1.5	121	0.00
12	CM	1,1-Dichloroethene	50.000	50.426	-0.9#	102	0.00
13	T	Acrolein	250.000	258.687	-3.5	120	0.00
14	T	Allyl chloride	50.000	51.790	-3.6	105	0.00
15	T	Acrylonitrile	250.000	264.384	-5.8	114	0.00
16	T	Acetone	250.000	260.956	-4.4	113	0.00
17	T	Carbon Disulfide	50.000	52.848	-5.7	103	0.00
18	T	Methyl Acetate	50.000	53.121	-6.2	116	0.00
19	T	Methyl tert-butyl Ether	50.000	52.544	-5.1	110	0.00
20	T	Methylene Chloride	50.000	50.451	-0.9	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.156	-2.3	103	0.00
22	T	Diisopropyl ether	50.000	51.815	-3.6	107	0.00
23	T	Vinyl Acetate	250.000	264.731	-5.9	111	0.00
24	P	1,1-Dichloroethane	50.000	50.962	-1.9	105	0.00
25	T	2-Butanone	250.000	254.729	-1.9	116	0.00
26	T	2,2-Dichloropropane	50.000	51.252	-2.5	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.277	-2.6	105	0.00
28	T	Bromochloromethane	50.000	48.545	2.9	98	0.00
29	T	Tetrahydrofuran	250.000	265.470	-6.2	114	0.00
30	C	Chloroform	50.000	51.171	-2.3#	105	0.00
31	T	Cyclohexane	50.000	48.340	3.3	101	0.00
32	T	1,1,1-Trichloroethane	50.000	50.775	-1.5	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.505	-5.0	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	51.667	-3.3	111	0.00
36	T	1,1-Dichloropropene	50.000	49.747	0.5	101	0.00
37	T	Ethyl Acetate	50.000	51.567	-3.1	111	0.00
38	T	Carbon Tetrachloride	50.000	52.696	-5.4	103	0.00
39	T	Methylcyclohexane	50.000	50.814	-1.6	99	0.00
40	TM	Benzene	50.000	50.430	-0.9	105	0.00
41	T	Methacrylonitrile	50.000	47.922	4.2	114	0.00
42	TM	1,2-Dichloroethane	50.000	50.866	-1.7	108	0.00
43	T	Isopropyl Acetate	50.000	52.615	-5.2	115	0.00
44	TM	Trichloroethene	50.000	50.606	-1.2	103	0.00
45	C	1,2-Dichloropropane	50.000	51.573	-3.1#	105	0.00
46	T	Dibromomethane	50.000	51.278	-2.6	107	0.00
47	T	Bromodichloromethane	50.000	51.712	-3.4	108	0.00
48	T	Methyl methacrylate	50.000	52.612	-5.2	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1036.986	-3.7	114	0.00
50	S	Toluene-d8	50.000	52.904	-5.8	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.829	-6.7	114	0.00
52	CM	Toluene	50.000	51.023	-2.0#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	52.385	-4.8	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.160	-2.3	108	0.00
55	T	1,1,2-Trichloroethane	50.000	51.197	-2.4	108	0.00
56	T	Ethyl methacrylate	50.000	54.363	-8.7	114	0.00
57	T	1,3-Dichloropropane	50.000	50.648	-1.3	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.660	-1.1	109	0.00
59	T	2-Hexanone	250.000	263.586	-5.4	113	0.00
60	T	Dibromochloromethane	50.000	51.564	-3.1	108	0.00
61	T	1,2-Dibromoethane	50.000	51.620	-3.2	109	0.00
62	S	4-Bromofluorobenzene	50.000	51.442	-2.9	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	49.060	1.9	100	0.00
65	PM	Chlorobenzene	50.000	50.922	-1.8	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.750	-1.5	105	0.00
67	C	Ethyl Benzene	50.000	51.570	-3.1#	104	0.00
68	T	m/p-Xylenes	100.000	102.682	-2.7	103	0.00
69	T	o-Xylene	50.000	50.925	-1.8	104	0.00
70	T	Styrene	50.000	51.381	-2.8	105	0.00
71	P	Bromoform	50.000	52.037	-4.1	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	51.398	-2.8	103	0.00
74	T	N-amyl acetate	50.000	54.356	-8.7	113	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.790	-5.6	115	0.00
76	T	1,2,3-Trichloropropane	50.000	52.212	-4.4	99	0.00
77	T	Bromobenzene	50.000	52.176	-4.4	108	0.00
78	T	n-propylbenzene	50.000	51.488	-3.0	102	0.00
79	T	2-Chlorotoluene	50.000	50.969	-1.9	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.316	-2.6	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.002	-8.0	115	0.00
82	T	4-Chlorotoluene	50.000	51.782	-3.6	106	0.00
83	T	tert-Butylbenzene	50.000	51.435	-2.9	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.202	-2.4	104	0.00
85	T	sec-Butylbenzene	50.000	51.583	-3.2	103	0.00
86	T	p-Isopropyltoluene	50.000	51.918	-3.8	103	0.00
87	T	1,3-Dichlorobenzene	50.000	51.295	-2.6	105	0.00
88	T	1,4-Dichlorobenzene	50.000	50.524	-1.0	106	0.00
89	T	n-Butylbenzene	50.000	51.245	-2.5	102	0.00
90	T	Hexachloroethane	50.000	52.098	-4.2	104	0.00
91	T	1,2-Dichlorobenzene	50.000	51.292	-2.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.933	2.1	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.900	-3.8	106	0.00
94	T	Hexachlorobutadiene	50.000	50.737	-1.5	102	0.00
95	T	Naphthalene	50.000	52.120	-4.2	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.896	-3.8	108	0.00

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