Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
Data File : VY014531.D
Acq On : 03 Jul 2023 11:37
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 02:58:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	107	0.00
2	T	Dichlorodifluoromethane	50.000	50.664	-1.3	108	0.00
3	P	Chloromethane	50.000	43.255	13.5	97	0.00
4	C	Vinyl Chloride	50.000	48.070	3.9#	107	0.00
5	T	Bromomethane	50.000	47.713	4.6	111	-0.02
6	T	Chloroethane	50.000	48.976	2.0	107	-0.01
7	T	Trichlorofluoromethane	50.000	52.414	-4.8	117	-0.01
8	T	Diethyl Ether	50.000	49.828	0.3	106	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.316	-4.6	117	-0.01
10	T	Methyl Iodide	50.000	57.452	-14.9	115	-0.01
11	T	Tert butyl alcohol	250.000	228.578	8.6	100	-0.01
12	CM	1,1-Dichloroethene	50.000	52.558	-5.1#	113	-0.01
13	T	Acrolein	250.000	226.929	9.2	96	0.00
14	T	Allyl chloride	50.000	47.206	5.6	100	-0.01
15	T	Acrylonitrile	250.000	246.476	1.4	101	-0.01
16	T	Acetone	250.000	303.717	-21.5	129	-0.01
17	T	Carbon Disulfide	50.000	49.446	1.1	106	-0.01
18	T	Methyl Acetate	50.000	46.761	6.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	51.434	-2.9	106	-0.01
20	T	Methylene Chloride	50.000	51.467	-2.9	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.025	-2.0	108	-0.01
22	T	Diisopropyl ether	50.000	47.526	4.9	97	0.00
23	T	Vinyl Acetate	250.000	250.510	-0.2	98	-0.01
24	P	1,1-Dichloroethane	50.000	48.201	3.6	103	0.00
25	T	2-Butanone	250.000	263.021	-5.2	106	-0.01
26	T	2,2-Dichloropropane	50.000	50.279	-0.6	111	-0.01
27	T	cis-1,2-Dichloroethene	50.000	50.944	-1.9	107	0.00
28	T	Bromochloromethane	50.000	41.906	16.2	89	0.00
29	T	Tetrahydrofuran	250.000	250.374	-0.1	99	0.00
30	C	Chloroform	50.000	49.222	1.6#	106	0.00
31	T	Cyclohexane	50.000	48.673	2.7	108	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.988	-2.0	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.695	12.6	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	50.656	-1.3	99	0.00
36	T	1,1-Dichloropropene	50.000	54.297	-8.6	109	-0.01
37	T	Ethyl Acetate	50.000	51.455	-2.9	99	0.00
38	T	Carbon Tetrachloride	50.000	56.248	-12.5	114	0.00
39	T	Methylcyclohexane	50.000	58.442	-16.9	115	0.00
40	TM	Benzene	50.000	52.614	-5.2	105	0.00
41	T	Methacrylonitrile	50.000	58.883	-17.8	114	0.00
42	TM	1,2-Dichloroethane	50.000	51.236	-2.5	102	0.00
43	T	Isopropyl Acetate	50.000	52.128	-4.3	100	0.00
44	TM	Trichloroethene	50.000	55.976	-12.0	113	0.00
45	C	1,2-Dichloropropane	50.000	51.000	-2.0#	102	0.00
46	T	Dibromomethane	50.000	53.214	-6.4	106	0.00
47	T	Bromodichloromethane	50.000	52.978	-6.0	106	0.00
48	T	Methyl methacrylate	50.000	52.445	-4.9	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1148.012	-14.8	103	-0.02
50	S	Toluene-d8	50.000	49.434	1.1	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.795	-5.1	99	0.00
52	CM	Toluene	50.000	54.459	-8.9#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	54.368	-8.7	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.632	-7.3	105	0.00
55	T	1,1,2-Trichloroethane	50.000	54.459	-8.9	106	0.00
56	T	Ethyl methacrylate	50.000	56.518	-13.0	106	0.00
57	T	1,3-Dichloropropane	50.000	53.240	-6.5	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.613	-2.2	94	0.00
59	T	2-Hexanone	250.000	278.779	-11.5	103	0.00
60	T	Dibromochloromethane	50.000	55.675	-11.3	110	0.00
61	T	1,2-Dibromoethane	50.000	55.122	-10.2	107	0.00
62	S	4-Bromofluorobenzene	50.000	49.787	0.4	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	56.557	-13.1	112	0.00
65	PM	Chlorobenzene	50.000	55.564	-11.1	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.996	-12.0	109	0.00
67	C	Ethyl Benzene	50.000	56.647	-13.3#	109	0.00
68	T	m/p-Xylenes	100.000	114.642	-14.6	109	0.00
69	T	o-Xylene	50.000	57.413	-14.8	109	0.00
70	T	Styrene	50.000	57.878	-15.8	108	0.00
71	P	Bromoform	50.000	58.874	-17.7	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	57.732	-15.5	112	0.00
74	T	N-amyl acetate	50.000	52.799	-5.6	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.796	-9.6	106	0.00
76	T	1,2,3-Trichloropropane	50.000	54.604	-9.2	107	0.00
77	T	Bromobenzene	50.000	56.655	-13.3	111	0.00
78	T	n-propylbenzene	50.000	56.815	-13.6	110	0.00
79	T	2-Chlorotoluene	50.000	55.214	-10.4	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.737	-15.5	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.685	-11.4	108	0.00
82	T	4-Chlorotoluene	50.000	55.010	-10.0	108	0.00
83	T	tert-Butylbenzene	50.000	59.111	-18.2	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.922	-15.8	111	0.00
85	T	sec-Butylbenzene	50.000	58.576	-17.2	115	0.00
86	T	p-Isopropyltoluene	50.000	59.457	-18.9	115	0.00
87	T	1,3-Dichlorobenzene	50.000	56.609	-13.2	113	0.00
88	T	1,4-Dichlorobenzene	50.000	55.508	-11.0	112	0.00
89	T	n-Butylbenzene	50.000	59.328	-18.7	116	0.00
90	T	Hexachloroethane	50.000	56.272	-12.5	114	0.00
91	T	1,2-Dichlorobenzene	50.000	56.578	-13.2	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.468	-10.9	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	61.422	-22.8	120	0.00
94	T	Hexachlorobutadiene	50.000	62.441	-24.9	126	0.00
95	T	Naphthalene	50.000	62.432	-24.9	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.742	-23.5	120	0.00

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