Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
Data File : VY014486.D
Acq On : 28 Jun 2023 17:19
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 29 02:20:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	42.455	15.1	91	0.00
3	P	Chloromethane	50.000	43.335	13.3	86	0.00
4	C	Vinyl Chloride	50.000	44.297	11.4#	88	0.00
5	T	Bromomethane	50.000	44.129	11.7	92	-0.02
6	T	Chloroethane	50.000	46.035	7.9	90	-0.01
7	T	Trichlorofluoromethane	50.000	48.898	2.2	98	-0.02
8	T	Diethyl Ether	50.000	46.825	6.3	90	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.518	1.0	98	-0.02
10	T	Methyl Iodide	50.000	42.862	14.3	82	-0.01
11	T	Tert butyl alcohol	250.000	294.666	-17.9	106	-0.02
12	CM	1,1-Dichloroethene	50.000	47.979	4.0#	94	-0.01
13	T	Acrolein	250.000	329.415	-31.8#	122	0.00
14	T	Allyl chloride	50.000	45.735	8.5	86	-0.01
15	T	Acrylonitrile	250.000	251.569	-0.6	95	-0.01
16	T	Acetone	250.000	215.162	13.9	74	-0.01
17	T	Carbon Disulfide	50.000	46.320	7.4	88	-0.01
18	T	Methyl Acetate	50.000	47.307	5.4	91	0.00
19	T	Methyl tert-butyl Ether	50.000	50.751	-1.5	94	0.00
20	T	Methylene Chloride	50.000	45.753	8.5	88	-0.01
21	T	trans-1,2-Dichloroethene	50.000	49.708	0.6	93	-0.01
22	T	Diisopropyl ether	50.000	49.436	1.1	92	0.00
23	T	Vinyl Acetate	250.000	306.876	-22.8	108	0.00
24	P	1,1-Dichloroethane	50.000	48.286	3.4	92	0.00
25	T	2-Butanone	250.000	238.479	4.6	88	-0.01
26	T	2,2-Dichloropropane	50.000	46.117	7.8	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.152	-0.3	95	0.00
28	T	Bromochloromethane	50.000	48.390	3.2	87	0.00
29	T	Tetrahydrofuran	250.000	262.244	-4.9	96	0.00
30	C	Chloroform	50.000	50.584	-1.2#	96	0.00
31	T	Cyclohexane	50.000	46.558	6.9	93	0.00
32	T	1,1,1-Trichloroethane	50.000	50.544	-1.1	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.805	4.4	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	49.332	1.3	88	0.00
36	T	1,1-Dichloropropene	50.000	49.958	0.1	94	-0.01
37	T	Ethyl Acetate	50.000	50.558	-1.1	93	0.00
38	T	Carbon Tetrachloride	50.000	51.309	-2.6	97	0.00
39	T	Methylcyclohexane	50.000	51.283	-2.6	96	0.00
40	TM	Benzene	50.000	50.564	-1.1	93	0.00
41	T	Methacrylonitrile	50.000	57.991	-16.0	100	0.00
42	TM	1,2-Dichloroethane	50.000	51.251	-2.5	96	0.00
43	T	Isopropyl Acetate	50.000	50.484	-1.0	93	0.00
44	TM	Trichloroethene	50.000	50.242	-0.5	95	0.00
45	C	1,2-Dichloropropane	50.000	50.553	-1.1#	95	0.00
46	T	Dibromomethane	50.000	52.022	-4.0	97	0.00
47	T	Bromodichloromethane	50.000	51.766	-3.5	96	0.00
48	T	Methyl methacrylate	50.000	52.360	-4.7	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1177.549	-17.8	110	-0.02
50	S	Toluene-d8	50.000	48.305	3.4	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.005	-7.6	97	0.00
52	CM	Toluene	50.000	52.248	-4.5#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	51.314	-2.6	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.955	-1.9	94	0.00
55	T	1,1,2-Trichloroethane	50.000	54.119	-8.2	99	0.00
56	T	Ethyl methacrylate	50.000	54.353	-8.7	96	0.00
57	T	1,3-Dichloropropane	50.000	52.748	-5.5	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.676	-3.1	88	0.00
59	T	2-Hexanone	250.000	270.175	-8.1	95	0.00
60	T	Dibromochloromethane	50.000	54.161	-8.3	99	0.00
61	T	1,2-Dibromoethane	50.000	54.078	-8.2	98	0.00
62	S	4-Bromofluorobenzene	50.000	48.909	2.2	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	52.089	-4.2	102	0.00
65	PM	Chlorobenzene	50.000	50.160	-0.3	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.758	-3.5	98	0.00
67	C	Ethyl Benzene	50.000	51.294	-2.6#	96	0.00
68	T	m/p-Xylenes	100.000	103.483	-3.5	96	0.00
69	T	o-Xylene	50.000	51.636	-3.3	95	0.00
70	T	Styrene	50.000	51.865	-3.7	96	0.00
71	P	Bromoform	50.000	53.192	-6.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	49.367	1.3	97	0.00
74	T	N-amyl acetate	50.000	49.333	1.3	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.718	-1.4	99	0.00
76	T	1,2,3-Trichloropropane	50.000	45.749	8.5	93	0.00
77	T	Bromobenzene	50.000	49.417	1.2	98	0.00
78	T	n-propylbenzene	50.000	49.725	0.5	97	0.00
79	T	2-Chlorotoluene	50.000	49.171	1.7	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.881	0.2	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.367	1.3	95	0.00
82	T	4-Chlorotoluene	50.000	48.563	2.9	95	0.00
83	T	tert-Butylbenzene	50.000	50.271	-0.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.156	-0.3	97	0.00
85	T	sec-Butylbenzene	50.000	50.336	-0.7	98	0.00
86	T	p-Isopropyltoluene	50.000	49.868	0.3	97	0.00
87	T	1,3-Dichlorobenzene	50.000	49.216	1.6	96	0.00
88	T	1,4-Dichlorobenzene	50.000	49.389	1.2	98	0.00
89	T	n-Butylbenzene	50.000	49.616	0.8	96	0.00
90	T	Hexachloroethane	50.000	48.986	2.0	97	0.00
91	T	1,2-Dichlorobenzene	50.000	49.616	0.8	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.044	-0.1	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.000	2.0	94	0.00
94	T	Hexachlorobutadiene	50.000	47.975	4.0	96	0.00
95	T	Naphthalene	50.000	49.872	0.3	94	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	48.174	3.7	94	0.00

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