Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009500.D
Acq On : 11 Jul 2022 09:19
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 12 05:01:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
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	103	0.00
2	T	Dichlorodifluoromethane	50.000	47.427	5.1	99	0.00
3	P	Chloromethane	50.000	48.445	3.1	95	0.00
4	C	Vinyl Chloride	50.000	52.718	-5.4#	101	0.00
5	T	Bromomethane	50.000	44.684	10.6	94	0.00
6	T	Chloroethane	50.000	47.416	5.2	99	0.00
7	T	Trichlorofluoromethane	50.000	51.060	-2.1	103	0.00
8	T	Diethyl Ether	50.000	48.065	3.9	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.550	2.9	99	0.00
10	T	Methyl Iodide	50.000	48.176	3.6	101	0.01
11	T	Tert butyl alcohol	250.000	175.806	29.7#	80	0.00
12	CM	1,1-Dichloroethene	50.000	51.032	-2.1#	100	0.00
13	T	Acrolein	250.000	182.875	26.9#	72	0.00
14	T	Allyl chloride	50.000	54.041	-8.1	100	0.00
15	T	Acrylonitrile	250.000	249.093	0.4	98	0.00
16	T	Acetone	250.000	273.487	-9.4	85	0.00
17	T	Carbon Disulfide	50.000	47.279	5.4	95	0.00
18	T	Methyl Acetate	50.000	43.999	12.0	97	0.00
19	T	Methyl tert-butyl Ether	50.000	51.545	-3.1	104	0.00
20	T	Methylene Chloride	50.000	41.726	16.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.419	-4.8	101	0.01
22	T	Diisopropyl ether	50.000	56.782	-13.6	104	0.00
23	T	Vinyl Acetate	250.000	266.260	-6.5	101	0.00
24	P	1,1-Dichloroethane	50.000	52.532	-5.1	104	0.00
25	T	2-Butanone	250.000	264.780	-5.9	95	0.00
26	T	2,2-Dichloropropane	50.000	51.229	-2.5	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.371	-4.7	106	0.00
28	T	Bromochloromethane	50.000	54.087	-8.2	105	0.00
29	T	Tetrahydrofuran	250.000	257.904	-3.2	99	0.00
30	C	Chloroform	50.000	50.222	-0.4#	106	0.00
31	T	Cyclohexane	50.000	51.330	-2.7	99	0.00
32	T	1,1,1-Trichloroethane	50.000	51.263	-2.5	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.466	5.1	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	45.001	10.0	107	0.00
36	T	1,1-Dichloropropene	50.000	53.379	-6.8	102	0.00
37	T	Ethyl Acetate	50.000	50.591	-1.2	99	0.00
38	T	Carbon Tetrachloride	50.000	52.123	-4.2	103	0.00
39	T	Methylcyclohexane	50.000	55.561	-11.1	100	0.00
40	TM	Benzene	50.000	52.730	-5.5	102	0.00
41	T	Methacrylonitrile	50.000	50.940	-1.9	95	0.00
42	TM	1,2-Dichloroethane	50.000	52.067	-4.1	105	0.00
43	T	Isopropyl Acetate	50.000	51.004	-2.0	100	0.00
44	TM	Trichloroethene	50.000	52.779	-5.6	104	0.00
45	C	1,2-Dichloropropane	50.000	52.885	-5.8#	103	0.00
46	T	Dibromomethane	50.000	51.454	-2.9	101	0.00
47	T	Bromodichloromethane	50.000	51.857	-3.7	105	0.00
48	T	Methyl methacrylate	50.000	54.901	-9.8	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	996.291	0.4	98	0.00
50	S	Toluene-d8	50.000	48.745	2.5	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.926	-5.2	100	0.00
52	CM	Toluene	50.000	54.924	-9.8#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	53.844	-7.7	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.093	-6.2	103	0.00
55	T	1,1,2-Trichloroethane	50.000	51.864	-3.7	101	0.00
56	T	Ethyl methacrylate	50.000	54.575	-9.2	99	0.00
57	T	1,3-Dichloropropane	50.000	52.961	-5.9	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.997	-8.8	101	0.00
59	T	2-Hexanone	250.000	276.889	-10.8	99	0.00
60	T	Dibromochloromethane	50.000	52.883	-5.8	103	0.00
61	T	1,2-Dibromoethane	50.000	52.472	-4.9	102	0.00
62	S	4-Bromofluorobenzene	50.000	50.674	-1.3	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	53.900	-7.8	106	0.00
65	PM	Chlorobenzene	50.000	52.120	-4.2	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.375	-2.8	104	0.00
67	C	Ethyl Benzene	50.000	53.492	-7.0#	105	0.00
68	T	m/p-Xylenes	100.000	108.547	-8.5	105	0.00
69	T	o-Xylene	50.000	54.437	-8.9	105	0.00
70	T	Styrene	50.000	54.739	-9.5	106	0.00
71	P	Bromoform	50.000	52.880	-5.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	54.084	-8.2	105	0.00
74	T	N-amyl acetate	50.000	53.173	-6.3	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.498	-1.0	100	0.00
76	T	1,2,3-Trichloropropane	50.000	50.796	-1.6	94	0.00
77	T	Bromobenzene	50.000	52.030	-4.1	104	0.00
78	T	n-propylbenzene	50.000	53.874	-7.7	105	0.00
79	T	2-Chlorotoluene	50.000	54.444	-8.9	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.587	-7.2	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.970	-1.9	99	0.00
82	T	4-Chlorotoluene	50.000	53.939	-7.9	107	0.00
83	T	tert-Butylbenzene	50.000	53.049	-6.1	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.153	-6.3	104	0.00
85	T	sec-Butylbenzene	50.000	53.799	-7.6	106	0.00
86	T	p-Isopropyltoluene	50.000	53.149	-6.3	105	0.00
87	T	1,3-Dichlorobenzene	50.000	51.557	-3.1	105	0.00
88	T	1,4-Dichlorobenzene	50.000	51.684	-3.4	106	0.00
89	T	n-Butylbenzene	50.000	54.158	-8.3	108	0.00
90	T	Hexachloroethane	50.000	53.253	-6.5	107	0.00
91	T	1,2-Dichlorobenzene	50.000	50.958	-1.9	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.826	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.324	-2.6	105	0.00
94	T	Hexachlorobutadiene	50.000	51.029	-2.1	106	0.00
95	T	Naphthalene	50.000	50.976	-2.0	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.527	-1.1	103	0.00

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