Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011038.D
Acq On : 21 Oct 2022 10:00
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: Oct 22 01:20:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	46.061	7.9	97	0.00
3	P	Chloromethane	50.000	44.106	11.8	94	0.00
4	C	Vinyl Chloride	50.000	49.044	1.9#	101	0.00
5	T	Bromomethane	50.000	49.054	1.9	109	0.01
6	T	Chloroethane	50.000	50.957	-1.9	106	0.00
7	T	Trichlorofluoromethane	50.000	51.885	-3.8	108	0.01
8	T	Diethyl Ether	50.000	47.836	4.3	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.579	-3.2	106	0.01
10	T	Methyl Iodide	50.000	52.750	-5.5	103	0.00
11	T	Tert butyl alcohol	250.000	235.723	5.7	100	0.00
12	CM	1,1-Dichloroethene	50.000	49.177	1.6#	101	0.00
13	T	Acrolein	250.000	170.276	31.9#	69	0.00
14	T	Allyl chloride	50.000	49.331	1.3	100	0.01
15	T	Acrylonitrile	250.000	235.520	5.8	95	0.00
16	T	Acetone	250.000	253.173	-1.3	104	0.00
17	T	Carbon Disulfide	50.000	40.925	18.2	87	0.01
18	T	Methyl Acetate	50.000	44.588	10.8	93	0.00
19	T	Methyl tert-butyl Ether	50.000	52.704	-5.4	105	0.00
20	T	Methylene Chloride	50.000	48.054	3.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.711	0.6	102	0.00
22	T	Diisopropyl ether	50.000	52.758	-5.5	104	0.00
23	T	Vinyl Acetate	250.000	262.445	-5.0	100	0.00
24	P	1,1-Dichloroethane	50.000	52.134	-4.3	106	0.00
25	T	2-Butanone	250.000	234.474	6.2	96	0.00
26	T	2,2-Dichloropropane	50.000	54.240	-8.5	112	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.383	-4.8	106	0.00
28	T	Bromochloromethane	50.000	52.305	-4.6	97	0.00
29	T	Tetrahydrofuran	250.000	229.532	8.2	92	0.00
30	C	Chloroform	50.000	53.642	-7.3#	108	0.00
31	T	Cyclohexane	50.000	45.870	8.3	98	0.00
32	T	1,1,1-Trichloroethane	50.000	53.757	-7.5	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.391	9.2	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	50.094	-0.2	99	0.01
36	T	1,1-Dichloropropene	50.000	51.621	-3.2	103	0.00
37	T	Ethyl Acetate	50.000	49.249	1.5	96	0.00
38	T	Carbon Tetrachloride	50.000	54.049	-8.1	107	0.00
39	T	Methylcyclohexane	50.000	51.417	-2.8	102	0.00
40	TM	Benzene	50.000	51.812	-3.6	103	0.00
41	T	Methacrylonitrile	50.000	46.520	7.0	101	0.00
42	TM	1,2-Dichloroethane	50.000	52.900	-5.8	104	0.00
43	T	Isopropyl Acetate	50.000	50.668	-1.3	99	0.00
44	TM	Trichloroethene	50.000	52.469	-4.9	105	0.00
45	C	1,2-Dichloropropane	50.000	52.365	-4.7#	102	0.00
46	T	Dibromomethane	50.000	52.305	-4.6	103	0.00
47	T	Bromodichloromethane	50.000	54.736	-9.5	106	0.00
48	T	Methyl methacrylate	50.000	50.966	-1.9	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	957.898	4.2	94	0.00
50	S	Toluene-d8	50.000	46.246	7.5	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.895	1.2	95	0.00
52	CM	Toluene	50.000	53.525	-7.0#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	53.736	-7.5	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.921	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	50.000	52.985	-6.0	104	0.00
56	T	Ethyl methacrylate	50.000	53.952	-7.9	101	0.00
57	T	1,3-Dichloropropane	50.000	52.402	-4.8	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.080	-5.2	98	0.00
59	T	2-Hexanone	250.000	253.413	-1.4	96	0.00
60	T	Dibromochloromethane	50.000	53.956	-7.9	105	0.00
61	T	1,2-Dibromoethane	50.000	51.625	-3.3	102	0.00
62	S	4-Bromofluorobenzene	50.000	49.375	1.3	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	53.611	-7.2	105	0.00
65	PM	Chlorobenzene	50.000	54.365	-8.7	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.794	-11.6	108	0.00
67	C	Ethyl Benzene	50.000	55.692	-11.4#	106	0.00
68	T	m/p-Xylenes	100.000	110.861	-10.9	106	0.00
69	T	o-Xylene	50.000	56.150	-12.3	107	0.00
70	T	Styrene	50.000	56.372	-12.7	106	0.00
71	P	Bromoform	50.000	54.653	-9.3	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	57.333	-14.7	109	0.00
74	T	N-amyl acetate	50.000	52.779	-5.6	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.734	-3.5	101	0.00
76	T	1,2,3-Trichloropropane	50.000	54.758	-9.5	107	0.00
77	T	Bromobenzene	50.000	54.947	-9.9	106	0.00
78	T	n-propylbenzene	50.000	56.740	-13.5	107	0.00
79	T	2-Chlorotoluene	50.000	55.849	-11.7	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.159	-14.3	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.558	-7.1	100	0.00
82	T	4-Chlorotoluene	50.000	54.842	-9.7	105	0.00
83	T	tert-Butylbenzene	50.000	59.596	-19.2	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.129	-14.3	107	0.00
85	T	sec-Butylbenzene	50.000	57.563	-15.1	108	0.00
86	T	p-Isopropyltoluene	50.000	57.862	-15.7	108	0.00
87	T	1,3-Dichlorobenzene	50.000	55.710	-11.4	108	0.00
88	T	1,4-Dichlorobenzene	50.000	54.850	-9.7	106	0.00
89	T	n-Butylbenzene	50.000	58.546	-17.1	109	0.00
90	T	Hexachloroethane	50.000	56.237	-12.5	108	0.00
91	T	1,2-Dichlorobenzene	50.000	55.097	-10.2	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.958	2.1	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.348	-12.7	106	0.00
94	T	Hexachlorobutadiene	50.000	56.813	-13.6	110	0.00
95	T	Naphthalene	50.000	55.483	-11.0	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.885	-11.8	105	0.00

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