Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
Data File : VY016122.D
Acq On : 30 Oct 2023 09:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 31 01:25:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 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	111	0.01
2	T	Dichlorodifluoromethane	50.000	44.801	10.4	98	0.00
3	P	Chloromethane	50.000	44.923	10.2	97	0.00
4	C	Vinyl Chloride	50.000	45.733	8.5#	99	0.00
5	T	Bromomethane	50.000	45.618	8.8	101	0.01
6	T	Chloroethane	50.000	45.303	9.4	98	0.00
7	T	Trichlorofluoromethane	50.000	45.092	9.8	100	0.01
8	T	Diethyl Ether	50.000	45.226	9.5	98	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.916	12.2	98	0.01
10	T	Methyl Iodide	50.000	46.362	7.3	97	0.02
11	T	Tert butyl alcohol	250.000	175.739	29.7#	95	0.01
12	CM	1,1-Dichloroethene	50.000	45.167	9.7#	98	0.02
13	T	Acrolein	250.000	193.431	22.6	91	0.01
14	T	Allyl chloride	50.000	44.669	10.7	97	0.01
15	T	Acrylonitrile	250.000	231.735	7.3	100	0.01
16	T	Acetone	250.000	257.890	-3.2	115	0.00
17	T	Carbon Disulfide	50.000	43.886	12.2	96	0.01
18	T	Methyl Acetate	50.000	45.197	9.6	97	0.01
19	T	Methyl tert-butyl Ether	50.000	48.188	3.6	103	0.01
20	T	Methylene Chloride	50.000	43.536	12.9	95	0.01
21	T	trans-1,2-Dichloroethene	50.000	45.489	9.0	99	0.01
22	T	Diisopropyl ether	50.000	46.203	7.6	98	0.00
23	T	Vinyl Acetate	250.000	235.886	5.6	100	0.01
24	P	1,1-Dichloroethane	50.000	45.524	9.0	98	0.01
25	T	2-Butanone	250.000	242.224	3.1	107	0.01
26	T	2,2-Dichloropropane	50.000	46.868	6.3	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.998	8.0	101	0.01
28	T	Bromochloromethane	50.000	44.491	11.0	95	0.01
29	T	Tetrahydrofuran	250.000	230.374	7.9	97	0.01
30	C	Chloroform	50.000	46.012	8.0#	100	0.00
31	T	Cyclohexane	50.000	42.671	14.7	97	0.00
32	T	1,1,1-Trichloroethane	50.000	45.899	8.2	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.616	-1.2	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35	S	Dibromofluoromethane	50.000	49.333	1.3	108	0.01
36	T	1,1-Dichloropropene	50.000	44.583	10.8	99	0.01
37	T	Ethyl Acetate	50.000	46.585	6.8	101	0.01
38	T	Carbon Tetrachloride	50.000	46.097	7.8	101	0.01
39	T	Methylcyclohexane	50.000	44.770	10.5	98	0.00
40	TM	Benzene	50.000	45.390	9.2	99	0.00
41	T	Methacrylonitrile	50.000	40.324	19.4	87	0.00
42	TM	1,2-Dichloroethane	50.000	47.502	5.0	103	0.01
43	T	Isopropyl Acetate	50.000	46.825	6.3	101	0.00
44	TM	Trichloroethene	50.000	45.941	8.1	101	0.00
45	C	1,2-Dichloropropane	50.000	45.815	8.4#	98	0.00
46	T	Dibromomethane	50.000	47.024	6.0	102	0.00
47	T	Bromodichloromethane	50.000	46.606	6.8	100	0.00
48	T	Methyl methacrylate	50.000	47.366	5.3	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	920.038	8.0	100	0.01
50	S	Toluene-d8	50.000	49.885	0.2	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	234.216	6.3	99	0.00
52	CM	Toluene	50.000	45.926	8.1#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	47.719	4.6	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.862	6.3	100	0.00
55	T	1,1,2-Trichloroethane	50.000	45.403	9.2	99	0.00
56	T	Ethyl methacrylate	50.000	48.467	3.1	101	0.00
57	T	1,3-Dichloropropane	50.000	46.141	7.7	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.957	5.6	102	0.00
59	T	2-Hexanone	250.000	250.966	-0.4	107	0.00
60	T	Dibromochloromethane	50.000	46.869	6.3	101	0.00
61	T	1,2-Dibromoethane	50.000	46.074	7.9	99	0.00
62	S	4-Bromofluorobenzene	50.000	50.070	-0.1	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	45.782	8.4	99	0.00
65	PM	Chlorobenzene	50.000	46.963	6.1	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.154	3.7	100	0.00
67	C	Ethyl Benzene	50.000	46.902	6.2#	99	0.00
68	T	m/p-Xylenes	100.000	94.740	5.3	100	0.00
69	T	o-Xylene	50.000	47.687	4.6	100	0.00
70	T	Styrene	50.000	48.306	3.4	100	0.00
71	P	Bromoform	50.000	48.933	2.1	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	46.561	6.9	100	0.00
74	T	N-amyl acetate	50.000	47.667	4.7	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.141	7.7	100	0.00
76	T	1,2,3-Trichloropropane	50.000	43.410	13.2	96	0.00
77	T	Bromobenzene	50.000	47.212	5.6	101	0.00
78	T	n-propylbenzene	50.000	45.993	8.0	99	0.00
79	T	2-Chlorotoluene	50.000	46.378	7.2	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.725	6.5	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.239	1.5	106	0.00
82	T	4-Chlorotoluene	50.000	45.898	8.2	99	0.00
83	T	tert-Butylbenzene	50.000	47.983	4.0	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.816	6.4	100	0.00
85	T	sec-Butylbenzene	50.000	46.495	7.0	100	0.00
86	T	p-Isopropyltoluene	50.000	46.756	6.5	99	0.00
87	T	1,3-Dichlorobenzene	50.000	45.978	8.0	99	0.00
88	T	1,4-Dichlorobenzene	50.000	46.409	7.2	101	0.00
89	T	n-Butylbenzene	50.000	46.944	6.1	101	0.00
90	T	Hexachloroethane	50.000	45.800	8.4	98	0.00
91	T	1,2-Dichlorobenzene	50.000	46.775	6.5	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.735	6.5	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.985	6.0	100	0.00
94	T	Hexachlorobutadiene	50.000	46.217	7.6	100	0.00
95	T	Naphthalene	50.000	50.214	-0.4	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.227	5.5	100	0.00

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