Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016884.D
Acq On : 27 Dec 2023 17:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 28 03:47:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	49.356	1.3	88	0.00
3	P	Chloromethane	50.000	56.153	-12.3	100	0.00
4	C	Vinyl Chloride	50.000	58.942	-17.9#	99	0.00
5	T	Bromomethane	50.000	59.943	-19.9	107	0.00
6	T	Chloroethane	50.000	58.800	-17.6	101	0.00
7	T	Trichlorofluoromethane	50.000	56.178	-12.4	95	0.00
8	T	Diethyl Ether	50.000	61.240	-22.5	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.582	-13.2	95	0.00
10	T	Methyl Iodide	50.000	49.952	0.1	79	0.00
11	T	Tert butyl alcohol	250.000	332.080	-32.8#	112	0.00
12	CM	1,1-Dichloroethene	50.000	57.470	-14.9#	94	0.00
13	T	Acrolein	250.000	237.868	4.9	66	0.00
14	T	Allyl chloride	50.000	61.601	-23.2	99	0.00
15	T	Acrylonitrile	250.000	345.324	-38.1#	106	0.00
16	T	Acetone	250.000	298.971	-19.6	110	0.00
17	T	Carbon Disulfide	50.000	56.774	-13.5	90	0.00
18	T	Methyl Acetate	50.000	80.310	-60.6#	113	-0.01
19	T	Methyl tert-butyl Ether	50.000	63.990	-28.0#	103	0.00
20	T	Methylene Chloride	50.000	58.620	-17.2	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	59.620	-19.2	97	0.00
22	T	Diisopropyl ether	50.000	65.609	-31.2#	105	0.00
23	T	Vinyl Acetate	250.000	320.236	-28.1#	103	0.00
24	P	1,1-Dichloroethane	50.000	61.504	-23.0	101	0.00
25	T	2-Butanone	250.000	324.132	-29.7#	111	0.00
26	T	2,2-Dichloropropane	50.000	57.729	-15.5	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	60.899	-21.8	98	0.00
28	T	Bromochloromethane	50.000	57.364	-14.7	76	0.00
29	T	Tetrahydrofuran	250.000	367.815	-47.1#	111	0.00
30	C	Chloroform	50.000	62.048	-24.1#	103	0.00
31	T	Cyclohexane	50.000	55.124	-10.2	94	0.00
32	T	1,1,1-Trichloroethane	50.000	59.566	-19.1	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.090	-22.2	78	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	57.614	-15.2	77	0.00
36	T	1,1-Dichloropropene	50.000	57.636	-15.3	98	0.00
37	T	Ethyl Acetate	50.000	66.664	-33.3#	107	0.00
38	T	Carbon Tetrachloride	50.000	56.895	-13.8	98	0.00
39	T	Methylcyclohexane	50.000	56.828	-13.7	94	0.00
40	TM	Benzene	50.000	59.123	-18.2	100	0.00
41	T	Methacrylonitrile	50.000	64.345	-28.7#	94	0.00
42	TM	1,2-Dichloroethane	50.000	62.848	-25.7#	104	0.00
43	T	Isopropyl Acetate	50.000	64.887	-29.8#	107	0.00
44	TM	Trichloroethene	50.000	57.679	-15.4	98	0.00
45	C	1,2-Dichloropropane	50.000	61.677	-23.4#	105	0.00
46	T	Dibromomethane	50.000	62.352	-24.7	105	0.00
47	T	Bromodichloromethane	50.000	61.661	-23.3	105	0.00
48	T	Methyl methacrylate	50.000	66.691	-33.4#	107	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1522.689	-52.3#	123	0.00
50	S	Toluene-d8	50.000	57.007	-14.0	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	345.462	-38.2#	110	0.00
52	CM	Toluene	50.000	61.377	-22.8#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	62.662	-25.3#	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	61.986	-24.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	63.859	-27.7#	107	0.00
56	T	Ethyl methacrylate	50.000	66.990	-34.0#	106	0.00
57	T	1,3-Dichloropropane	50.000	62.894	-25.8#	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	325.787	-30.3#	74	0.00
59	T	2-Hexanone	250.000	323.362	-29.3#	110	0.00
60	T	Dibromochloromethane	50.000	64.019	-28.0#	108	0.00
61	T	1,2-Dibromoethane	50.000	63.396	-26.8#	105	0.00
62	S	4-Bromofluorobenzene	50.000	59.606	-19.2	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	55.913	-11.8	100	0.00
65	PM	Chlorobenzene	50.000	58.450	-16.9	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.907	-17.8	104	0.00
67	C	Ethyl Benzene	50.000	58.810	-17.6#	103	0.00
68	T	m/p-Xylenes	100.000	118.661	-18.7	103	0.00
69	T	o-Xylene	50.000	61.215	-22.4	105	0.00
70	T	Styrene	50.000	62.568	-25.1#	106	0.00
71	P	Bromoform	50.000	62.692	-25.4#	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	56.572	-13.1	103	0.00
74	T	N-amyl acetate	50.000	60.869	-21.7	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.592	-17.2	109	0.00
76	T	1,2,3-Trichloropropane	50.000	60.659	-21.3	126	0.00
77	T	Bromobenzene	50.000	56.484	-13.0	105	0.00
78	T	n-propylbenzene	50.000	57.330	-14.7	104	0.00
79	T	2-Chlorotoluene	50.000	56.812	-13.6	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.058	-16.1	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.619	-15.2	106	0.00
82	T	4-Chlorotoluene	50.000	57.176	-14.4	105	0.00
83	T	tert-Butylbenzene	50.000	56.454	-12.9	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.602	-17.2	105	0.00
85	T	sec-Butylbenzene	50.000	57.692	-15.4	105	0.00
86	T	p-Isopropyltoluene	50.000	57.968	-15.9	105	0.00
87	T	1,3-Dichlorobenzene	50.000	57.082	-14.2	108	0.00
88	T	1,4-Dichlorobenzene	50.000	57.042	-14.1	106	0.00
89	T	n-Butylbenzene	50.000	57.844	-15.7	103	0.00
90	T	Hexachloroethane	50.000	56.383	-12.8	108	0.00
91	T	1,2-Dichlorobenzene	50.000	58.939	-17.9	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.710	-19.4	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.994	-14.0	102	0.00
94	T	Hexachlorobutadiene	50.000	55.503	-11.0	101	0.00
95	T	Naphthalene	50.000	52.402	-4.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.837	-13.7	100	0.00

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