Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015993.D
Acq On : 16 Oct 2023 18:36
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: Oct 17 05:46:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	50.874	-1.7	87	0.00
3	P	Chloromethane	50.000	44.514	11.0	85	0.00
4	C	Vinyl Chloride	50.000	55.075	-10.2#	96	0.00
5	T	Bromomethane	50.000	65.638	-31.3#	108	0.01
6	T	Chloroethane	50.000	50.410	-0.8	84	0.01
7	T	Trichlorofluoromethane	50.000	58.600	-17.2	103	0.01
8	T	Diethyl Ether	50.000	48.144	3.7	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.536	-11.1	100	0.00
10	T	Methyl Iodide	50.000	51.959	-3.9	85	0.00
11	T	Tert butyl alcohol	250.000	205.676	17.7	101	0.10
12	CM	1,1-Dichloroethene	50.000	55.150	-10.3#	97	0.00
13	T	Acrolein	250.000	239.006	4.4	77	0.01
14	T	Allyl chloride	50.000	59.103	-18.2	102	0.00
15	T	Acrylonitrile	250.000	251.994	-0.8	86	0.02
16	T	Acetone	250.000	286.311	-14.5	86	0.03
17	T	Carbon Disulfide	50.000	53.695	-7.4	95	0.00
18	T	Methyl Acetate	50.000	45.623	8.8	79	0.02
19	T	Methyl tert-butyl Ether	50.000	44.397	11.2	76	0.02
20	T	Methylene Chloride	50.000	49.016	2.0	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.621	0.8	88	0.00
22	T	Diisopropyl ether	50.000	49.432	1.1	86	0.02
23	T	Vinyl Acetate	250.000	218.471	12.6	73	0.01
24	P	1,1-Dichloroethane	50.000	50.124	-0.2	89	0.00
25	T	2-Butanone	250.000	250.387	-0.2	86	0.02
26	T	2,2-Dichloropropane	50.000	49.823	0.4	89	0.01
27	T	cis-1,2-Dichloroethene	50.000	48.371	3.3	85	0.01
28	T	Bromochloromethane	50.000	48.154	3.7	85	0.00
29	T	Tetrahydrofuran	250.000	248.222	0.7	86	0.02
30	C	Chloroform	50.000	50.021	-0.0#	88	0.00
31	T	Cyclohexane	50.000	50.080	-0.2	93	0.00
32	T	1,1,1-Trichloroethane	50.000	51.690	-3.4	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.701	6.6	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	49.720	0.6	82	0.01
36	T	1,1-Dichloropropene	50.000	53.547	-7.1	92	0.00
37	T	Ethyl Acetate	50.000	35.945	28.1#	60	0.02
38	T	Carbon Tetrachloride	50.000	53.141	-6.3	92	0.00
39	T	Methylcyclohexane	50.000	53.738	-7.5	92	0.00
40	TM	Benzene	50.000	52.177	-4.4	89	0.00
41	T	Methacrylonitrile	50.000	45.804	8.4	78	0.00
42	TM	1,2-Dichloroethane	50.000	48.876	2.2	84	0.01
43	T	Isopropyl Acetate	50.000	46.543	6.9	77	0.01
44	TM	Trichloroethene	50.000	54.484	-9.0	96	0.00
45	C	1,2-Dichloropropane	50.000	51.287	-2.6#	88	0.00
46	T	Dibromomethane	50.000	47.374	5.3	78	0.01
47	T	Bromodichloromethane	50.000	49.896	0.2	85	0.00
48	T	Methyl methacrylate	50.000	47.180	5.6	77	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1978.533	-97.9#	176	0.04
50	S	Toluene-d8	50.000	52.703	-5.4	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	314.391	-25.8#	103	0.00
52	CM	Toluene	50.000	53.957	-7.9#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	53.303	-6.6	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.762	-5.5	88	0.00
55	T	1,1,2-Trichloroethane	50.000	53.285	-6.6	92	0.00
56	T	Ethyl methacrylate	50.000	54.133	-8.3	89	0.00
57	T	1,3-Dichloropropane	50.000	52.733	-5.5	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	188.627	24.5	79	0.00
59	T	2-Hexanone	250.000	332.209	-32.9#	111	0.00
60	T	Dibromochloromethane	50.000	53.653	-7.3	90	0.00
61	T	1,2-Dibromoethane	50.000	53.342	-6.7	91	0.00
62	S	4-Bromofluorobenzene	50.000	53.655	-7.3	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	53.723	-7.4	101	0.00
65	PM	Chlorobenzene	50.000	51.630	-3.3	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.215	-4.4	93	0.00
67	C	Ethyl Benzene	50.000	52.783	-5.6#	93	0.00
68	T	m/p-Xylenes	100.000	105.921	-5.9	93	0.00
69	T	o-Xylene	50.000	53.226	-6.5	93	0.00
70	T	Styrene	50.000	54.138	-8.3	94	0.00
71	P	Bromoform	50.000	53.012	-6.0	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	51.622	-3.2	94	0.00
74	T	N-amyl acetate	50.000	55.012	-10.0	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.325	5.3	85	0.00
76	T	1,2,3-Trichloropropane	50.000	48.668	2.7	100	0.00
77	T	Bromobenzene	50.000	50.192	-0.4	91	0.00
78	T	n-propylbenzene	50.000	51.583	-3.2	93	0.00
79	T	2-Chlorotoluene	50.000	50.601	-1.2	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.877	-3.8	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.354	-8.7	95	0.00
82	T	4-Chlorotoluene	50.000	51.222	-2.4	94	0.00
83	T	tert-Butylbenzene	50.000	51.825	-3.7	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.354	-4.7	95	0.00
85	T	sec-Butylbenzene	50.000	51.824	-3.6	94	0.00
86	T	p-Isopropyltoluene	50.000	52.267	-4.5	94	0.00
87	T	1,3-Dichlorobenzene	50.000	51.648	-3.3	95	0.00
88	T	1,4-Dichlorobenzene	50.000	51.510	-3.0	94	0.00
89	T	n-Butylbenzene	50.000	52.577	-5.2	95	0.00
90	T	Hexachloroethane	50.000	51.061	-2.1	94	0.00
91	T	1,2-Dichlorobenzene	50.000	51.879	-3.8	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	61.085	-22.2	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.737	-3.5	94	0.00
94	T	Hexachlorobutadiene	50.000	50.815	-1.6	93	0.00
95	T	Naphthalene	50.000	55.970	-11.9	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.833	-3.7	95	0.00

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