Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
Data File : VY018225.D
Acq On : 10 May 2024 11:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 11 00:47:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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	85	0.00
2	T	Dichlorodifluoromethane	50.000	44.216	11.6	73	0.00
3	P	Chloromethane	50.000	49.974	0.1	80	0.00
4	C	Vinyl Chloride	50.000	50.438	-0.9#	80	0.00
5	T	Bromomethane	50.000	48.816	2.4	81	0.00
6	T	Chloroethane	50.000	50.723	-1.4	81	0.00
7	T	Trichlorofluoromethane	50.000	48.577	2.8	79	0.00
8	T	Diethyl Ether	50.000	45.617	8.8	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.276	5.4	77	0.00
10	T	Methyl Iodide	50.000	46.306	7.4	69	0.00
11	T	Tert butyl alcohol	250.000	256.636	-2.7	88	0.00
12	CM	1,1-Dichloroethene	50.000	46.943	6.1#	75	0.00
13	T	Acrolein	250.000	178.681	28.5#	73	0.00
14	T	Allyl chloride	50.000	48.097	3.8	78	0.00
15	T	Acrylonitrile	250.000	241.251	3.5	83	0.00
16	T	Acetone	250.000	288.552	-15.4	98	0.00
17	T	Carbon Disulfide	50.000	47.872	4.3	71	0.00
18	T	Methyl Acetate	50.000	44.187	11.6	81	0.00
19	T	Methyl tert-butyl Ether	50.000	46.448	7.1	79	0.00
20	T	Methylene Chloride	50.000	48.898	2.2	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.079	5.8	75	0.00
22	T	Diisopropyl ether	50.000	46.953	6.1	78	0.00
23	T	Vinyl Acetate	250.000	243.173	2.7	82	0.00
24	P	1,1-Dichloroethane	50.000	47.634	4.7	77	0.00
25	T	2-Butanone	250.000	253.166	-1.3	88	0.00
26	T	2,2-Dichloropropane	50.000	47.839	4.3	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.651	6.7	75	0.00
28	T	Bromochloromethane	50.000	51.682	-3.4	91	0.00
29	T	Tetrahydrofuran	250.000	242.331	3.1	87	0.00
30	C	Chloroform	50.000	47.149	5.7#	77	0.00
31	T	Cyclohexane	50.000	48.874	2.3	76	0.00
32	T	1,1,1-Trichloroethane	50.000	47.964	4.1	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.151	1.7	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	50.928	-1.9	100	0.00
36	T	1,1-Dichloropropene	50.000	49.023	2.0	77	0.00
37	T	Ethyl Acetate	50.000	50.969	-1.9	85	0.00
38	T	Carbon Tetrachloride	50.000	49.820	0.4	78	0.00
39	T	Methylcyclohexane	50.000	49.479	1.0	76	0.00
40	TM	Benzene	50.000	48.478	3.0	76	0.00
41	T	Methacrylonitrile	50.000	45.839	8.3	72	-0.01
42	TM	1,2-Dichloroethane	50.000	50.541	-1.1	83	0.00
43	T	Isopropyl Acetate	50.000	49.819	0.4	86	0.00
44	TM	Trichloroethene	50.000	48.396	3.2	76	0.00
45	C	1,2-Dichloropropane	50.000	47.741	4.5#	76	0.00
46	T	Dibromomethane	50.000	48.005	4.0	80	0.00
47	T	Bromodichloromethane	50.000	48.552	2.9	78	0.00
48	T	Methyl methacrylate	50.000	48.512	3.0	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	953.960	4.6	81	0.00
50	S	Toluene-d8	50.000	49.963	0.1	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.731	-2.3	87	0.00
52	CM	Toluene	50.000	48.224	3.6#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	48.331	3.3	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.796	2.4	80	0.00
55	T	1,1,2-Trichloroethane	50.000	48.439	3.1	80	0.00
56	T	Ethyl methacrylate	50.000	49.643	0.7	83	0.00
57	T	1,3-Dichloropropane	50.000	48.624	2.8	80	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	193.882	22.4	75	0.00
59	T	2-Hexanone	250.000	265.396	-6.2	88	0.00
60	T	Dibromochloromethane	50.000	48.087	3.8	79	0.00
61	T	1,2-Dibromoethane	50.000	47.736	4.5	80	0.00
62	S	4-Bromofluorobenzene	50.000	48.518	3.0	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	47.936	4.1	76	0.00
65	PM	Chlorobenzene	50.000	47.547	4.9	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.497	5.0	78	0.00
67	C	Ethyl Benzene	50.000	48.745	2.5#	79	0.00
68	T	m/p-Xylenes	100.000	95.796	4.2	77	0.00
69	T	o-Xylene	50.000	47.586	4.8	78	0.00
70	T	Styrene	50.000	48.070	3.9	78	0.00
71	P	Bromoform	50.000	47.053	5.9	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	48.399	3.2	78	0.00
74	T	N-amyl acetate	50.000	51.091	-2.2	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.646	4.7	82	0.00
76	T	1,2,3-Trichloropropane	50.000	51.424	-2.8	90	0.00
77	T	Bromobenzene	50.000	48.067	3.9	78	0.00
78	T	n-propylbenzene	50.000	48.764	2.5	78	0.00
79	T	2-Chlorotoluene	50.000	47.099	5.8	77	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.268	3.5	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.642	6.7	77	0.00
82	T	4-Chlorotoluene	50.000	47.981	4.0	79	0.00
83	T	tert-Butylbenzene	50.000	49.265	1.5	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.580	2.8	78	0.00
85	T	sec-Butylbenzene	50.000	49.260	1.5	79	0.00
86	T	p-Isopropyltoluene	50.000	49.189	1.6	78	0.00
87	T	1,3-Dichlorobenzene	50.000	48.148	3.7	79	0.00
88	T	1,4-Dichlorobenzene	50.000	48.024	4.0	78	0.00
89	T	n-Butylbenzene	50.000	50.022	-0.0	80	0.00
90	T	Hexachloroethane	50.000	47.936	4.1	77	0.00
91	T	1,2-Dichlorobenzene	50.000	49.817	0.4	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.445	3.1	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.402	-2.8	84	0.00
94	T	Hexachlorobutadiene	50.000	51.601	-3.2	80	0.00
95	T	Naphthalene	50.000	51.800	-3.6	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.692	-5.4	86	0.00

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