Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
Data File : VY017150.D
Acq On : 31 Jan 2024 10:19
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: Jan 31 22:55:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 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	75	0.00
2	T	Dichlorodifluoromethane	50.000	42.570	14.9	68	0.00
3	P	Chloromethane	50.000	49.924	0.2	77	0.00
4	C	Vinyl Chloride	50.000	56.720	-13.4#	84	0.00
5	T	Bromomethane	50.000	56.654	-13.3	87	0.00
6	T	Chloroethane	50.000	60.067	-20.1	89	0.00
7	T	Trichlorofluoromethane	50.000	51.283	-2.6	78	0.00
8	T	Diethyl Ether	50.000	47.164	5.7	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.770	6.5	77	0.00
10	T	Methyl Iodide	50.000	47.176	5.6	70	0.00
11	T	Tert butyl alcohol	250.000	249.630	0.1	84	0.01
12	CM	1,1-Dichloroethene	50.000	45.227	9.5#	74	0.00
13	T	Acrolein	250.000	205.764	17.7	65	0.00
14	T	Allyl chloride	50.000	49.868	0.3	79	0.00
15	T	Acrylonitrile	250.000	255.390	-2.2	80	0.00
16	T	Acetone	250.000	298.060	-19.2	97	0.00
17	T	Carbon Disulfide	50.000	39.016	22.0	63	0.00
18	T	Methyl Acetate	50.000	55.692	-11.4	84	0.00
19	T	Methyl tert-butyl Ether	50.000	51.646	-3.3	81	0.01
20	T	Methylene Chloride	50.000	53.156	-6.3	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.862	4.3	76	0.00
22	T	Diisopropyl ether	50.000	53.346	-6.7	82	0.01
23	T	Vinyl Acetate	250.000	251.715	-0.7	79	0.00
24	P	1,1-Dichloroethane	50.000	51.105	-2.2	82	0.00
25	T	2-Butanone	250.000	268.815	-7.5	89	0.01
26	T	2,2-Dichloropropane	50.000	51.137	-2.3	82	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.211	-2.4	81	0.00
28	T	Bromochloromethane	50.000	58.118	-16.2	79	0.00
29	T	Tetrahydrofuran	250.000	260.384	-4.2	79	0.00
30	C	Chloroform	50.000	52.073	-4.1#	84	0.00
31	T	Cyclohexane	50.000	48.973	2.1	73	0.00
32	T	1,1,1-Trichloroethane	50.000	51.923	-3.8	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	59.998	-20.0	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	57.144	-14.3	86	0.00
36	T	1,1-Dichloropropene	50.000	47.999	4.0	79	0.00
37	T	Ethyl Acetate	50.000	49.249	1.5	83	0.00
38	T	Carbon Tetrachloride	50.000	48.644	2.7	81	0.00
39	T	Methylcyclohexane	50.000	46.476	7.0	74	0.00
40	TM	Benzene	50.000	49.139	1.7	79	0.00
41	T	Methacrylonitrile	50.000	46.189	7.6	83	0.01
42	TM	1,2-Dichloroethane	50.000	51.483	-3.0	84	0.00
43	T	Isopropyl Acetate	50.000	50.704	-1.4	81	0.00
44	TM	Trichloroethene	50.000	48.446	3.1	80	0.00
45	C	1,2-Dichloropropane	50.000	52.228	-4.5#	84	0.00
46	T	Dibromomethane	50.000	49.922	0.2	81	0.00
47	T	Bromodichloromethane	50.000	52.566	-5.1	84	0.00
48	T	Methyl methacrylate	50.000	52.260	-4.5	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1117.196	-11.7	89	0.00
50	S	Toluene-d8	50.000	57.802	-15.6	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.537	-5.8	84	0.00
52	CM	Toluene	50.000	51.261	-2.5#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	53.420	-6.8	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.898	-3.8	82	0.00
55	T	1,1,2-Trichloroethane	50.000	51.127	-2.3	83	0.00
56	T	Ethyl methacrylate	50.000	53.811	-7.6	82	0.00
57	T	1,3-Dichloropropane	50.000	51.368	-2.7	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	308.036	-23.2	86	0.00
59	T	2-Hexanone	250.000	259.576	-3.8	88	0.00
60	T	Dibromochloromethane	50.000	52.877	-5.8	86	0.00
61	T	1,2-Dibromoethane	50.000	51.211	-2.4	83	0.00
62	S	4-Bromofluorobenzene	50.000	59.440	-18.9	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	47.230	5.5	80	0.00
65	PM	Chlorobenzene	50.000	50.267	-0.5	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.270	-4.5	85	0.00
67	C	Ethyl Benzene	50.000	51.350	-2.7#	83	0.00
68	T	m/p-Xylenes	100.000	102.881	-2.9	83	0.00
69	T	o-Xylene	50.000	52.148	-4.3	83	0.00
70	T	Styrene	50.000	54.009	-8.0	84	0.00
71	P	Bromoform	50.000	52.061	-4.1	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	50.557	-1.1	85	0.00
74	T	N-amyl acetate	50.000	51.406	-2.8	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.676	2.6	83	0.00
76	T	1,2,3-Trichloropropane	50.000	48.926	2.1	80	0.00
77	T	Bromobenzene	50.000	49.395	1.2	83	0.00
78	T	n-propylbenzene	50.000	51.852	-3.7	85	0.00
79	T	2-Chlorotoluene	50.000	51.605	-3.2	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.148	-4.3	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.895	4.2	83	0.00
82	T	4-Chlorotoluene	50.000	51.173	-2.3	86	0.00
83	T	tert-Butylbenzene	50.000	52.858	-5.7	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.097	-4.2	86	0.00
85	T	sec-Butylbenzene	50.000	52.786	-5.6	86	0.00
86	T	p-Isopropyltoluene	50.000	53.163	-6.3	86	0.00
87	T	1,3-Dichlorobenzene	50.000	50.474	-0.9	85	0.00
88	T	1,4-Dichlorobenzene	50.000	50.048	-0.1	85	0.00
89	T	n-Butylbenzene	50.000	53.792	-7.6	87	0.00
90	T	Hexachloroethane	50.000	50.565	-1.1	86	0.00
91	T	1,2-Dichlorobenzene	50.000	50.643	-1.3	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.461	-0.9	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.400	-0.8	85	0.00
94	T	Hexachlorobutadiene	50.000	49.520	1.0	86	0.00
95	T	Naphthalene	50.000	53.783	-7.6	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.024	-4.0	88	0.00

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