Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
Data File : VY015502.D
Acq On : 11 Sep 2023 21:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 12 01:23:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	45.704	8.6	85	0.00
3	P	Chloromethane	50.000	46.759	6.5	86	0.00
4	C	Vinyl Chloride	50.000	48.516	3.0#	89	0.00
5	T	Bromomethane	50.000	55.940	-11.9	104	0.00
6	T	Chloroethane	50.000	51.280	-2.6	96	0.00
7	T	Trichlorofluoromethane	50.000	48.218	3.6	91	0.00
8	T	Diethyl Ether	50.000	51.868	-3.7	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.526	4.9	89	0.00
10	T	Methyl Iodide	50.000	46.072	7.9	80	0.00
11	T	Tert butyl alcohol	250.000	186.363	25.5#	75	0.00
12	CM	1,1-Dichloroethene	50.000	48.924	2.2#	92	0.00
13	T	Acrolein	250.000	152.187	39.1#	49	0.00
14	T	Allyl chloride	50.000	48.263	3.5	88	0.00
15	T	Acrylonitrile	250.000	250.911	-0.4	87	0.00
16	T	Acetone	250.000	185.790	25.7#	58	0.00
17	T	Carbon Disulfide	50.000	43.627	12.7	81	0.00
18	T	Methyl Acetate	50.000	70.314	-40.6#	123	0.00
19	T	Methyl tert-butyl Ether	50.000	53.305	-6.6	95	0.00
20	T	Methylene Chloride	50.000	40.543	18.9	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.308	-0.6	93	0.00
22	T	Diisopropyl ether	50.000	52.034	-4.1	96	0.00
23	T	Vinyl Acetate	250.000	196.383	21.4	70	0.00
24	P	1,1-Dichloroethane	50.000	52.015	-4.0	98	0.00
25	T	2-Butanone	250.000	224.772	10.1	74	0.00
26	T	2,2-Dichloropropane	50.000	39.628	20.7	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.412	-6.8	98	0.00
28	T	Bromochloromethane	50.000	48.606	2.8	94	0.00
29	T	Tetrahydrofuran	250.000	238.094	4.8	82	0.00
30	C	Chloroform	50.000	54.128	-8.3#	102	0.00
31	T	Cyclohexane	50.000	43.163	13.7	84	0.00
32	T	1,1,1-Trichloroethane	50.000	52.774	-5.5	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.867	10.3	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	45.830	8.3	90	0.00
36	T	1,1-Dichloropropene	50.000	47.621	4.8	93	0.00
37	T	Ethyl Acetate	50.000	42.328	15.3	76	0.00
38	T	Carbon Tetrachloride	50.000	49.890	0.2	96	0.00
39	T	Methylcyclohexane	50.000	43.298	13.4	83	0.00
40	TM	Benzene	50.000	50.598	-1.2	97	0.00
41	T	Methacrylonitrile	50.000	47.133	5.7	85	-0.01
42	TM	1,2-Dichloroethane	50.000	50.674	-1.3	95	0.00
43	T	Isopropyl Acetate	50.000	45.717	8.6	83	0.00
44	TM	Trichloroethene	50.000	51.978	-4.0	101	0.00
45	C	1,2-Dichloropropane	50.000	50.913	-1.8#	97	0.00
46	T	Dibromomethane	50.000	50.963	-1.9	96	0.00
47	T	Bromodichloromethane	50.000	53.640	-7.3	101	0.00
48	T	Methyl methacrylate	50.000	49.437	1.1	88	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	909.601	9.0	82	0.00
50	S	Toluene-d8	50.000	43.902	12.2	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	245.014	2.0	87	0.00
52	CM	Toluene	50.000	51.566	-3.1#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	49.126	1.7	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.654	2.7	91	0.00
55	T	1,1,2-Trichloroethane	50.000	53.058	-6.1	100	0.00
56	T	Ethyl methacrylate	50.000	51.080	-2.2	92	0.00
57	T	1,3-Dichloropropane	50.000	51.530	-3.1	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	237.351	5.1	92	0.00
59	T	2-Hexanone	250.000	236.852	5.3	82	0.00
60	T	Dibromochloromethane	50.000	54.479	-9.0	101	0.00
61	T	1,2-Dibromoethane	50.000	51.823	-3.6	96	0.00
62	S	4-Bromofluorobenzene	50.000	46.323	7.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	57.950	-15.9	111	0.00
65	PM	Chlorobenzene	50.000	51.347	-2.7	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.833	-7.7	104	0.00
67	C	Ethyl Benzene	50.000	50.343	-0.7#	98	0.00
68	T	m/p-Xylenes	100.000	101.361	-1.4	98	0.00
69	T	o-Xylene	50.000	51.523	-3.0	99	0.00
70	T	Styrene	50.000	53.083	-6.2	100	0.00
71	P	Bromoform	50.000	55.014	-10.0	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	49.737	0.5	98	0.00
74	T	N-amyl acetate	50.000	41.163	17.7	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.096	1.8	93	0.00
76	T	1,2,3-Trichloropropane	50.000	49.911	0.2	93	0.00
77	T	Bromobenzene	50.000	51.761	-3.5	101	0.00
78	T	n-propylbenzene	50.000	48.673	2.7	94	0.00
79	T	2-Chlorotoluene	50.000	50.490	-1.0	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.567	0.9	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.630	18.7	75	0.00
82	T	4-Chlorotoluene	50.000	50.053	-0.1	97	0.00
83	T	tert-Butylbenzene	50.000	49.004	2.0	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.165	-0.3	97	0.00
85	T	sec-Butylbenzene	50.000	47.829	4.3	93	0.00
86	T	p-Isopropyltoluene	50.000	48.146	3.7	93	0.00
87	T	1,3-Dichlorobenzene	50.000	50.876	-1.8	99	0.00
88	T	1,4-Dichlorobenzene	50.000	50.514	-1.0	99	0.00
89	T	n-Butylbenzene	50.000	46.256	7.5	89	0.00
90	T	Hexachloroethane	50.000	50.441	-0.9	98	0.00
91	T	1,2-Dichlorobenzene	50.000	51.616	-3.2	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.957	2.1	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.307	1.4	93	0.00
94	T	Hexachlorobutadiene	50.000	44.576	10.8	89	0.00
95	T	Naphthalene	50.000	50.827	-1.7	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.218	1.6	94	0.00

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