Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
Data File : VY016402.D
Acq On : 16 Nov 2023 19:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 17 07:44:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	44.033	11.9	84	0.00
3	P	Chloromethane	50.000	44.747	10.5	85	0.00
4	C	Vinyl Chloride	50.000	44.518	11.0#	83	0.00
5	T	Bromomethane	50.000	45.298	9.4	85	0.00
6	T	Chloroethane	50.000	46.473	7.1	87	0.00
7	T	Trichlorofluoromethane	50.000	47.546	4.9	85	0.00
8	T	Diethyl Ether	50.000	53.232	-6.5	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.353	5.3	88	-0.01
10	T	Methyl Iodide	50.000	49.867	0.3	87	0.00
11	T	Tert butyl alcohol	250.000	271.928	-8.8	100	-0.02
12	CM	1,1-Dichloroethene	50.000	47.817	4.4#	88	0.00
13	T	Acrolein	250.000	275.929	-10.4	97	-0.01
14	T	Allyl chloride	50.000	48.299	3.4	86	-0.01
15	T	Acrylonitrile	250.000	281.930	-12.8	98	-0.01
16	T	Acetone	250.000	268.113	-7.2	100	-0.01
17	T	Carbon Disulfide	50.000	45.046	9.9	82	0.00
18	T	Methyl Acetate	50.000	61.357	-22.7	108	0.00
19	T	Methyl tert-butyl Ether	50.000	54.583	-9.2	96	0.00
20	T	Methylene Chloride	50.000	58.750	-17.5	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.862	2.3	90	0.00
22	T	Diisopropyl ether	50.000	50.412	-0.8	89	-0.01
23	T	Vinyl Acetate	250.000	252.957	-1.2	87	0.00
24	P	1,1-Dichloroethane	50.000	50.073	-0.1	90	-0.01
25	T	2-Butanone	250.000	273.305	-9.3	98	-0.01
26	T	2,2-Dichloropropane	50.000	49.062	1.9	88	-0.01
27	T	cis-1,2-Dichloroethene	50.000	51.999	-4.0	94	-0.01
28	T	Bromochloromethane	50.000	51.779	-3.6	93	0.00
29	T	Tetrahydrofuran	250.000	286.267	-14.5	98	0.00
30	C	Chloroform	50.000	52.054	-4.1#	94	0.00
31	T	Cyclohexane	50.000	43.303	13.4	82	0.00
32	T	1,1,1-Trichloroethane	50.000	50.846	-1.7	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.286	-6.6	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	53.787	-7.6	100	-0.01
36	T	1,1-Dichloropropene	50.000	47.205	5.6	87	0.00
37	T	Ethyl Acetate	50.000	50.974	-1.9	93	0.00
38	T	Carbon Tetrachloride	50.000	49.910	0.2	92	-0.01
39	T	Methylcyclohexane	50.000	45.023	10.0	82	0.00
40	TM	Benzene	50.000	49.231	1.5	90	0.00
41	T	Methacrylonitrile	50.000	138.500	-177.0#	261	0.02
42	TM	1,2-Dichloroethane	50.000	52.664	-5.3	95	0.00
43	T	Isopropyl Acetate	50.000	51.465	-2.9	92	0.00
44	TM	Trichloroethene	50.000	50.140	-0.3	93	0.00
45	C	1,2-Dichloropropane	50.000	50.059	-0.1#	90	0.00
46	T	Dibromomethane	50.000	53.501	-7.0	96	-0.01
47	T	Bromodichloromethane	50.000	52.352	-4.7	95	0.00
48	T	Methyl methacrylate	50.000	51.474	-2.9	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1112.656	-11.3	97	0.00
50	S	Toluene-d8	50.000	50.462	-0.9	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.530	-7.8	96	0.00
52	CM	Toluene	50.000	49.616	0.8#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.707	-5.4	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.795	-3.6	93	0.00
55	T	1,1,2-Trichloroethane	50.000	54.259	-8.5	98	0.00
56	T	Ethyl methacrylate	50.000	55.273	-10.5	95	0.00
57	T	1,3-Dichloropropane	50.000	53.672	-7.3	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.230	-12.1	93	0.00
59	T	2-Hexanone	250.000	252.158	-0.9	95	0.00
60	T	Dibromochloromethane	50.000	55.258	-10.5	98	0.00
61	T	1,2-Dibromoethane	50.000	54.403	-8.8	97	0.00
62	S	4-Bromofluorobenzene	50.000	52.941	-5.9	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	50.972	-1.9	96	0.00
65	PM	Chlorobenzene	50.000	49.389	1.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.517	-3.0	97	0.00
67	C	Ethyl Benzene	50.000	48.849	2.3#	91	0.00
68	T	m/p-Xylenes	100.000	97.136	2.9	91	0.00
69	T	o-Xylene	50.000	49.503	1.0	90	0.00
70	T	Styrene	50.000	51.276	-2.6	94	0.00
71	P	Bromoform	50.000	55.640	-11.3	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	47.967	4.1	92	0.00
74	T	N-amyl acetate	50.000	49.478	1.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.837	-1.7	97	0.00
76	T	1,2,3-Trichloropropane	50.000	93.454	-86.9#	191	0.00
77	T	Bromobenzene	50.000	50.050	-0.1	95	0.00
78	T	n-propylbenzene	50.000	47.025	6.0	90	0.00
79	T	2-Chlorotoluene	50.000	47.752	4.5	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.814	2.4	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.210	-2.4	98	0.00
82	T	4-Chlorotoluene	50.000	47.894	4.2	92	0.00
83	T	tert-Butylbenzene	50.000	48.266	3.5	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.754	2.5	93	0.00
85	T	sec-Butylbenzene	50.000	47.597	4.8	91	0.00
86	T	p-Isopropyltoluene	50.000	48.178	3.6	91	0.00
87	T	1,3-Dichlorobenzene	50.000	49.135	1.7	96	0.00
88	T	1,4-Dichlorobenzene	50.000	49.034	1.9	95	0.00
89	T	n-Butylbenzene	50.000	46.977	6.0	88	0.00
90	T	Hexachloroethane	50.000	47.281	5.4	91	0.00
91	T	1,2-Dichlorobenzene	50.000	49.782	0.4	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.978	-2.0	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.994	0.0	96	0.00
94	T	Hexachlorobutadiene	50.000	48.580	2.8	95	0.00
95	T	Naphthalene	50.000	52.493	-5.0	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.712	0.6	99	0.00

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