Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078991.D
Acq On : 22 May 2024 20:40
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 23 06:08:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	41.668	16.7	91	0.00
3	P	Chloromethane	50.000	64.230	-28.5#	127	0.00
4	C	Vinyl Chloride	50.000	61.224	-22.4#	127	-0.01
5	T	Bromomethane	50.000	49.363	1.3	109	-0.01
6	T	Chloroethane	50.000	52.872	-5.7	116	0.00
7	T	Trichlorofluoromethane	50.000	38.332	23.3	80	-0.01
8	T	Diethyl Ether	50.000	52.362	-4.7	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.835	12.3	94	-0.02
10	T	Methyl Iodide	50.000	44.621	10.8	90	-0.01
11	T	Tert butyl alcohol	250.000	253.344	-1.3	106	0.00
12	CM	1,1-Dichloroethene	50.000	45.437	9.1#	99	-0.02
13	T	Acrolein	250.000	136.804	45.3#	50	0.00
14	T	Allyl chloride	50.000	48.674	2.7	102	0.00
15	T	Acrylonitrile	250.000	256.330	-2.5	110	0.00
16	T	Acetone	250.000	226.017	9.6	83	0.00
17	T	Carbon Disulfide	50.000	50.455	-0.9	104	-0.01
18	T	Methyl Acetate	50.000	53.351	-6.7	117	0.00
19	T	Methyl tert-butyl Ether	50.000	51.766	-3.5	105	0.00
20	T	Methylene Chloride	50.000	56.922	-13.8	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.826	2.3	104	-0.02
22	T	Diisopropyl ether	50.000	50.769	-1.5	100	0.00
23	T	Vinyl Acetate	250.000	259.055	-3.6	103	0.00
24	P	1,1-Dichloroethane	50.000	47.611	4.8	101	-0.01
25	T	2-Butanone	250.000	247.736	0.9	97	-0.01
26	T	2,2-Dichloropropane	50.000	42.580	14.8	93	-0.01
27	T	cis-1,2-Dichloroethene	50.000	48.051	3.9	101	-0.01
28	T	Bromochloromethane	50.000	53.765	-7.5	107	0.00
29	T	Tetrahydrofuran	250.000	281.992	-12.8	117	0.00
30	C	Chloroform	50.000	48.473	3.1#	104	0.00
31	T	Cyclohexane	50.000	42.893	14.2	94	0.00
32	T	1,1,1-Trichloroethane	50.000	46.352	7.3	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.169	-14.3	117	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	54.007	-8.0	114	0.00
36	T	1,1-Dichloropropene	50.000	45.151	9.7	100	0.00
37	T	Ethyl Acetate	50.000	47.885	4.2	108	-0.01
38	T	Carbon Tetrachloride	50.000	43.856	12.3	98	0.00
39	T	Methylcyclohexane	50.000	43.887	12.2	96	0.00
40	TM	Benzene	50.000	47.405	5.2	105	-0.01
41	T	Methacrylonitrile	50.000	42.542	14.9	101	-0.01
42	TM	1,2-Dichloroethane	50.000	46.872	6.3	106	0.00
43	T	Isopropyl Acetate	50.000	50.574	-1.1	106	0.00
44	TM	Trichloroethene	50.000	44.276	11.4	101	0.00
45	C	1,2-Dichloropropane	50.000	47.614	4.8#	105	0.00
46	T	Dibromomethane	50.000	47.029	5.9	108	0.00
47	T	Bromodichloromethane	50.000	46.355	7.3	103	0.00
48	T	Methyl methacrylate	50.000	48.331	3.3	109	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	1080.851	-8.1	106	-0.01
50	S	Toluene-d8	50.000	55.425	-10.8	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.928	-3.6	109	0.00
52	CM	Toluene	50.000	47.523	5.0#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	46.673	6.7	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.373	5.3	101	0.00
55	T	1,1,2-Trichloroethane	50.000	47.220	5.6	105	0.00
56	T	Ethyl methacrylate	50.000	53.185	-6.4	108	0.00
57	T	1,3-Dichloropropane	50.000	49.841	0.3	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.689	-2.3	99	0.00
59	T	2-Hexanone	250.000	261.255	-4.5	101	0.00
60	T	Dibromochloromethane	50.000	47.067	5.9	102	0.00
61	T	1,2-Dibromoethane	50.000	49.556	0.9	105	0.00
62	S	4-Bromofluorobenzene	50.000	56.964	-13.9	116	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	49.028	1.9	111	0.00
65	PM	Chlorobenzene	50.000	47.126	5.7	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.284	7.4	104	0.00
67	C	Ethyl Benzene	50.000	47.252	5.5#	102	0.00
68	T	m/p-Xylenes	100.000	96.558	3.4	101	0.00
69	T	o-Xylene	50.000	48.234	3.5	99	0.00
70	T	Styrene	50.000	49.869	0.3	103	0.00
71	P	Bromoform	50.000	48.362	3.3	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	45.945	8.1	100	0.00
74	T	N-amyl acetate	50.000	51.744	-3.5	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.767	4.5	108	0.00
76	T	1,2,3-Trichloropropane	50.000	53.309	-6.6	100	0.00
77	T	Bromobenzene	50.000	46.366	7.3	105	0.00
78	T	n-propylbenzene	50.000	45.653	8.7	99	0.00
79	T	2-Chlorotoluene	50.000	46.854	6.3	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.444	7.1	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.177	3.6	106	0.00
82	T	4-Chlorotoluene	50.000	46.249	7.5	100	0.00
83	T	tert-Butylbenzene	50.000	44.718	10.6	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.163	7.7	100	0.00
85	T	sec-Butylbenzene	50.000	45.040	9.9	98	0.00
86	T	p-Isopropyltoluene	50.000	45.090	9.8	99	0.00
87	T	1,3-Dichlorobenzene	50.000	44.823	10.4	102	0.00
88	T	1,4-Dichlorobenzene	50.000	44.643	10.7	101	0.00
89	T	n-Butylbenzene	50.000	43.429	13.1	96	0.00
90	T	Hexachloroethane	50.000	43.596	12.8	100	0.00
91	T	1,2-Dichlorobenzene	50.000	46.567	6.9	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.941	2.1	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.279	7.4	103	0.00
94	T	Hexachlorobutadiene	50.000	42.791	14.4	101	0.00
95	T	Naphthalene	50.000	54.563	-9.1	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.504	3.0	112	0.00

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