Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076783.D
Acq On : 19 Jul 2023 11:11
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 20 04:56:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	51.675	-3.3	99	0.00
3	P	Chloromethane	50.000	45.490	9.0	86	0.00
4	C	Vinyl Chloride	50.000	51.667	-3.3#	99	0.00
5	T	Bromomethane	50.000	50.434	-0.9	102	0.00
6	T	Chloroethane	50.000	51.105	-2.2	97	0.00
7	T	Trichlorofluoromethane	50.000	56.093	-12.2	111	0.00
8	T	Diethyl Ether	50.000	53.746	-7.5	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.831	-11.7	109	0.00
10	T	Methyl Iodide	50.000	52.691	-5.4	94	0.00
11	T	Tert butyl alcohol	250.000	250.648	-0.3	95	0.01
12	CM	1,1-Dichloroethene	50.000	53.400	-6.8#	103	0.00
13	T	Acrolein	250.000	301.744	-20.7	128	0.00
14	T	Allyl chloride	50.000	50.714	-1.4	94	0.00
15	T	Acrylonitrile	250.000	255.391	-2.2	94	0.00
16	T	Acetone	250.000	270.119	-8.0	100	0.00
17	T	Carbon Disulfide	50.000	50.315	-0.6	93	0.00
18	T	Methyl Acetate	50.000	52.648	-5.3	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.116	-6.2	97	0.00
20	T	Methylene Chloride	50.000	54.178	-8.4	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.912	-3.8	96	0.00
22	T	Diisopropyl ether	50.000	54.885	-9.8	100	0.00
23	T	Vinyl Acetate	250.000	267.281	-6.9	96	0.00
24	P	1,1-Dichloroethane	50.000	54.307	-8.6	101	0.00
25	T	2-Butanone	250.000	270.869	-8.3	98	0.00
26	T	2,2-Dichloropropane	50.000	54.211	-8.4	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.243	-8.5	101	0.00
28	T	Bromochloromethane	50.000	49.329	1.3	100	0.00
29	T	Tetrahydrofuran	250.000	263.933	-5.6	99	0.00
30	C	Chloroform	50.000	54.489	-9.0#	105	0.00
31	T	Cyclohexane	50.000	51.028	-2.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	56.598	-13.2	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.161	3.7	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	50.321	-0.6	103	0.00
36	T	1,1-Dichloropropene	50.000	55.672	-11.3	106	0.00
37	T	Ethyl Acetate	50.000	54.681	-9.4	95	0.00
38	T	Carbon Tetrachloride	50.000	57.710	-15.4	110	0.00
39	T	Methylcyclohexane	50.000	54.835	-9.7	103	0.00
40	TM	Benzene	50.000	53.566	-7.1	102	0.00
41	T	Methacrylonitrile	50.000	45.098	9.8	86	0.00
42	TM	1,2-Dichloroethane	50.000	54.336	-8.7	100	0.00
43	T	Isopropyl Acetate	50.000	52.977	-6.0	97	0.00
44	TM	Trichloroethene	50.000	52.113	-4.2	98	0.00
45	C	1,2-Dichloropropane	50.000	54.287	-8.6#	96	0.00
46	T	Dibromomethane	50.000	53.223	-6.4	94	0.00
47	T	Bromodichloromethane	50.000	54.507	-9.0	98	0.00
48	T	Methyl methacrylate	50.000	50.976	-2.0	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	917.450	8.3	87	0.00
50	S	Toluene-d8	50.000	47.730	4.5	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	270.379	-8.2	95	0.00
52	CM	Toluene	50.000	53.248	-6.5#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	54.017	-8.0	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.598	-9.2	98	0.00
55	T	1,1,2-Trichloroethane	50.000	53.243	-6.5	95	0.00
56	T	Ethyl methacrylate	50.000	53.896	-7.8	93	0.00
57	T	1,3-Dichloropropane	50.000	52.410	-4.8	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.265	3.9	90	0.00
59	T	2-Hexanone	250.000	272.048	-8.8	95	0.00
60	T	Dibromochloromethane	50.000	55.350	-10.7	99	0.00
61	T	1,2-Dibromoethane	50.000	52.795	-5.6	92	0.00
62	S	4-Bromofluorobenzene	50.000	48.643	2.7	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	54.415	-8.8	97	0.00
65	PM	Chlorobenzene	50.000	55.283	-10.6	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.714	-11.4	98	0.00
67	C	Ethyl Benzene	50.000	55.272	-10.5#	96	0.00
68	T	m/p-Xylenes	100.000	112.969	-13.0	98	0.00
69	T	o-Xylene	50.000	54.870	-9.7	95	0.00
70	T	Styrene	50.000	54.797	-9.6	94	0.00
71	P	Bromoform	50.000	56.411	-12.8	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	54.336	-8.7	97	0.00
74	T	N-amyl acetate	50.000	53.723	-7.4	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.791	-3.6	91	0.00
76	T	1,2,3-Trichloropropane	50.000	44.767	10.5	77	0.00
77	T	Bromobenzene	50.000	52.563	-5.1	92	0.00
78	T	n-propylbenzene	50.000	55.015	-10.0	98	0.00
79	T	2-Chlorotoluene	50.000	53.855	-7.7	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.307	-8.6	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.741	-7.5	91	0.00
82	T	4-Chlorotoluene	50.000	54.752	-9.5	96	0.00
83	T	tert-Butylbenzene	50.000	54.948	-9.9	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.910	-7.8	94	0.00
85	T	sec-Butylbenzene	50.000	55.738	-11.5	99	0.00
86	T	p-Isopropyltoluene	50.000	55.195	-10.4	97	0.00
87	T	1,3-Dichlorobenzene	50.000	53.077	-6.2	93	0.00
88	T	1,4-Dichlorobenzene	50.000	52.761	-5.5	94	0.00
89	T	n-Butylbenzene	50.000	54.194	-8.4	97	0.00
90	T	Hexachloroethane	50.000	57.697	-15.4	101	0.00
91	T	1,2-Dichlorobenzene	50.000	52.936	-5.9	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.553	0.9	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.946	-7.9	96	0.00
94	T	Hexachlorobutadiene	50.000	50.333	-0.7	91	0.00
95	T	Naphthalene	50.000	51.444	-2.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.691	-7.4	96	0.00

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