Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
Data File : VD075166.D
Acq On : 20 Jan 2023 21:08
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 23 00:35:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	49.452	1.1	101	0.00
3	P	Chloromethane	50.000	45.928	8.1	94	0.00
4	C	Vinyl Chloride	50.000	42.309	15.4#	86	0.00
5	T	Bromomethane	50.000	43.186	13.6	87	0.00
6	T	Chloroethane	50.000	45.091	9.8	88	0.00
7	T	Trichlorofluoromethane	50.000	50.347	-0.7	100	0.00
8	T	Diethyl Ether	50.000	52.003	-4.0	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.617	-1.2	102	0.00
10	T	Methyl Iodide	50.000	50.182	-0.4	88	0.00
11	T	Tert butyl alcohol	250.000	212.226	15.1	87	0.01
12	CM	1,1-Dichloroethene	50.000	50.387	-0.8#	98	0.00
13	T	Acrolein	250.000	203.526	18.6	80	0.00
14	T	Allyl chloride	50.000	53.538	-7.1	99	0.00
15	T	Acrylonitrile	250.000	279.456	-11.8	99	0.00
16	T	Acetone	250.000	237.139	5.1	77	0.00
17	T	Carbon Disulfide	50.000	50.241	-0.5	98	0.00
18	T	Methyl Acetate	50.000	54.686	-9.4	99	0.00
19	T	Methyl tert-butyl Ether	50.000	54.563	-9.1	97	0.00
20	T	Methylene Chloride	50.000	56.147	-12.3	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.565	-5.1	98	0.00
22	T	Diisopropyl ether	50.000	55.520	-11.0	101	0.00
23	T	Vinyl Acetate	250.000	248.710	0.5	93	0.00
24	P	1,1-Dichloroethane	50.000	53.989	-8.0	101	0.00
25	T	2-Butanone	250.000	258.509	-3.4	89	0.00
26	T	2,2-Dichloropropane	50.000	48.101	3.8	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.101	-8.2	100	0.00
28	T	Bromochloromethane	50.000	51.295	-2.6	98	0.00
29	T	Tetrahydrofuran	250.000	272.145	-8.9	96	0.00
30	C	Chloroform	50.000	54.094	-8.2#	100	0.00
31	T	Cyclohexane	50.000	50.830	-1.7	107	0.00
32	T	1,1,1-Trichloroethane	50.000	53.320	-6.6	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.027	-14.1	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	52.154	-4.3	99	0.00
36	T	1,1-Dichloropropene	50.000	50.280	-0.6	104	0.00
37	T	Ethyl Acetate	50.000	51.527	-3.1	101	0.00
38	T	Carbon Tetrachloride	50.000	49.406	1.2	101	0.00
39	T	Methylcyclohexane	50.000	49.366	1.3	105	0.00
40	TM	Benzene	50.000	51.554	-3.1	101	0.00
41	T	Methacrylonitrile	50.000	47.122	5.8	98	0.00
42	TM	1,2-Dichloroethane	50.000	52.356	-4.7	100	0.00
43	T	Isopropyl Acetate	50.000	51.089	-2.2	98	0.00
44	TM	Trichloroethene	50.000	48.999	2.0	96	0.00
45	C	1,2-Dichloropropane	50.000	52.496	-5.0#	102	0.00
46	T	Dibromomethane	50.000	51.356	-2.7	98	0.00
47	T	Bromodichloromethane	50.000	52.159	-4.3	100	0.00
48	T	Methyl methacrylate	50.000	53.139	-6.3	106	0.00

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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)
49	T	1,4-Dioxane	1000.000	998.743	0.1	98	0.00
50	S	Toluene-d8	50.000	52.028	-4.1	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.732	-5.5	102	0.00
52	CM	Toluene	50.000	51.422	-2.8#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	50.761	-1.5	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.490	-3.0	97	0.00
55	T	1,1,2-Trichloroethane	50.000	52.515	-5.0	99	0.00
56	T	Ethyl methacrylate	50.000	53.775	-7.5	100	0.00
57	T	1,3-Dichloropropane	50.000	52.449	-4.9	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.260	-0.9	103	0.00
59	T	2-Hexanone	250.000	246.624	1.4	92	0.00
60	T	Dibromochloromethane	50.000	51.505	-3.0	97	0.00
61	T	1,2-Dibromoethane	50.000	52.284	-4.6	100	0.00
62	S	4-Bromofluorobenzene	50.000	53.022	-6.0	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	49.533	0.9	100	0.00
65	PM	Chlorobenzene	50.000	51.171	-2.3	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.110	-2.2	100	0.00
67	C	Ethyl Benzene	50.000	51.065	-2.1#	100	0.00
68	T	m/p-Xylenes	100.000	103.044	-3.0	102	0.00
69	T	o-Xylene	50.000	51.137	-2.3	98	0.00
70	T	Styrene	50.000	52.054	-4.1	100	0.00
71	P	Bromoform	50.000	52.256	-4.5	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	50.336	-0.7	102	0.00
74	T	N-amyl acetate	50.000	48.263	3.5	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.435	-2.9	99	0.00
76	T	1,2,3-Trichloropropane	50.000	58.069	-16.1	123	0.00
77	T	Bromobenzene	50.000	48.513	3.0	94	0.00
78	T	n-propylbenzene	50.000	50.138	-0.3	102	0.00
79	T	2-Chlorotoluene	50.000	50.155	-0.3	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.671	-1.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.648	4.7	94	0.00
82	T	4-Chlorotoluene	50.000	49.136	1.7	98	0.00
83	T	tert-Butylbenzene	50.000	49.041	1.9	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.743	-1.5	101	0.00
85	T	sec-Butylbenzene	50.000	49.943	0.1	102	0.00
86	T	p-Isopropyltoluene	50.000	49.414	1.2	100	0.00
87	T	1,3-Dichlorobenzene	50.000	48.665	2.7	96	0.00
88	T	1,4-Dichlorobenzene	50.000	49.484	1.0	98	0.00
89	T	n-Butylbenzene	50.000	49.708	0.6	101	0.00
90	T	Hexachloroethane	50.000	46.280	7.4	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.055	-0.1	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.184	-0.4	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.672	6.7	91	0.00
94	T	Hexachlorobutadiene	50.000	46.800	6.4	94	0.00
95	T	Naphthalene	50.000	51.407	-2.8	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.188	7.6	90	0.00

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