Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078021.D
Acq On : 21 Dec 2023 12:12
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 22 05:10:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	41.497	17.0	82	0.00
3	P	Chloromethane	50.000	47.412	5.2	92	0.00
4	C	Vinyl Chloride	50.000	51.375	-2.8#	96	0.00
5	T	Bromomethane	50.000	68.790	-37.6#	127	0.00
6	T	Chloroethane	50.000	55.596	-11.2	105	0.00
7	T	Trichlorofluoromethane	50.000	50.989	-2.0	96	0.01
8	T	Diethyl Ether	50.000	52.987	-6.0	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.069	-8.1	101	0.00
10	T	Methyl Iodide	50.000	60.921	-21.8	118	0.00
11	T	Tert butyl alcohol	250.000	290.009	-16.0	113	0.01
12	CM	1,1-Dichloroethene	50.000	51.739	-3.5#	96	0.01
13	T	Acrolein	250.000	117.051	53.2#	45	0.00
14	T	Allyl chloride	50.000	47.708	4.6	90	0.00
15	T	Acrylonitrile	250.000	254.944	-2.0	97	0.01
16	T	Acetone	250.000	251.966	-0.8	104	0.00
17	T	Carbon Disulfide	50.000	41.402	17.2	78	0.00
18	T	Methyl Acetate	50.000	57.358	-14.7	109	0.00
19	T	Methyl tert-butyl Ether	50.000	55.452	-10.9	104	0.00
20	T	Methylene Chloride	50.000	55.051	-10.1	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.481	-9.0	98	0.01
22	T	Diisopropyl ether	50.000	51.479	-3.0	95	0.00
23	T	Vinyl Acetate	250.000	242.879	2.8	90	0.00
24	P	1,1-Dichloroethane	50.000	52.072	-4.1	97	0.00
25	T	2-Butanone	250.000	254.452	-1.8	103	0.00
26	T	2,2-Dichloropropane	50.000	52.899	-5.8	99	0.01
27	T	cis-1,2-Dichloroethene	50.000	57.574	-15.1	105	0.00
28	T	Bromochloromethane	50.000	39.656	20.7	74	0.00
29	T	Tetrahydrofuran	250.000	253.176	-1.3	97	0.00
30	C	Chloroform	50.000	56.223	-12.4#	104	0.00
31	T	Cyclohexane	50.000	45.529	8.9	87	0.00
32	T	1,1,1-Trichloroethane	50.000	54.529	-9.1	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.902	10.2	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	51.092	-2.2	94	0.00
36	T	1,1-Dichloropropene	50.000	52.372	-4.7	95	0.00
37	T	Ethyl Acetate	50.000	45.918	8.2	96	0.00
38	T	Carbon Tetrachloride	50.000	53.087	-6.2	97	0.00
39	T	Methylcyclohexane	50.000	51.796	-3.6	92	0.00
40	TM	Benzene	50.000	53.855	-7.7	99	0.00
41	T	Methacrylonitrile	50.000	53.740	-7.5	110	0.00
42	TM	1,2-Dichloroethane	50.000	54.850	-9.7	101	0.00
43	T	Isopropyl Acetate	50.000	50.286	-0.6	96	0.00
44	TM	Trichloroethene	50.000	54.956	-9.9	100	0.00
45	C	1,2-Dichloropropane	50.000	55.480	-11.0#	102	0.00
46	T	Dibromomethane	50.000	56.951	-13.9	105	0.00
47	T	Bromodichloromethane	50.000	58.285	-16.6	106	0.00
48	T	Methyl methacrylate	50.000	52.357	-4.7	98	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	1072.120	-7.2	114	0.00
50	S	Toluene-d8	50.000	47.549	4.9	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.111	-4.8	98	0.00
52	CM	Toluene	50.000	55.114	-10.2#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	56.282	-12.6	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.766	-13.5	103	0.00
55	T	1,1,2-Trichloroethane	50.000	57.637	-15.3	107	0.00
56	T	Ethyl methacrylate	50.000	55.722	-11.4	102	0.00
57	T	1,3-Dichloropropane	50.000	56.855	-13.7	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	205.326	17.9	83	0.00
59	T	2-Hexanone	250.000	226.245	9.5	97	0.00
60	T	Dibromochloromethane	50.000	59.818	-19.6	110	0.00
61	T	1,2-Dibromoethane	50.000	57.524	-15.0	108	0.00
62	S	4-Bromofluorobenzene	50.000	48.978	2.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	51.774	-3.5	95	0.00
65	PM	Chlorobenzene	50.000	53.797	-7.6	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.499	-15.0	107	0.00
67	C	Ethyl Benzene	50.000	55.408	-10.8#	102	0.00
68	T	m/p-Xylenes	100.000	114.888	-14.9	103	0.00
69	T	o-Xylene	50.000	57.749	-15.5	105	0.00
70	T	Styrene	50.000	58.675	-17.3	106	0.00
71	P	Bromoform	50.000	56.802	-13.6	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	54.211	-8.4	103	0.00
74	T	N-amyl acetate	50.000	46.866	6.3	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.534	-7.1	105	0.00
76	T	1,2,3-Trichloropropane	50.000	59.109	-18.2	101	0.00
77	T	Bromobenzene	50.000	53.763	-7.5	106	0.00
78	T	n-propylbenzene	50.000	53.666	-7.3	101	0.00
79	T	2-Chlorotoluene	50.000	54.021	-8.0	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.233	-8.5	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.409	-6.8	106	0.00
82	T	4-Chlorotoluene	50.000	54.048	-8.1	103	0.00
83	T	tert-Butylbenzene	50.000	56.074	-12.1	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.823	-11.6	105	0.00
85	T	sec-Butylbenzene	50.000	55.921	-11.8	104	0.00
86	T	p-Isopropyltoluene	50.000	56.674	-13.3	104	0.00
87	T	1,3-Dichlorobenzene	50.000	55.552	-11.1	106	0.00
88	T	1,4-Dichlorobenzene	50.000	54.262	-8.5	105	0.00
89	T	n-Butylbenzene	50.000	56.422	-12.8	103	0.00
90	T	Hexachloroethane	50.000	59.829	-19.7	113	0.00
91	T	1,2-Dichlorobenzene	50.000	55.356	-10.7	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.663	-9.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.582	-5.2	107	0.00
94	T	Hexachlorobutadiene	50.000	52.420	-4.8	99	0.00
95	T	Naphthalene	50.000	56.572	-13.1	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.731	-9.5	109	0.00

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