Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
Data File : VD075631.D
Acq On : 11 Apr 2023 20:37
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 12 03:00:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 18:54:55 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	45.006	10.0	78	0.00
3	P	Chloromethane	50.000	55.464	-10.9	87	0.00
4	C	Vinyl Chloride	50.000	48.101	3.8#	80	0.00
5	T	Bromomethane	50.000	44.801	10.4	76	0.00
6	T	Chloroethane	50.000	50.193	-0.4	86	0.00
7	T	Trichlorofluoromethane	50.000	48.194	3.6	83	-0.01
8	T	Diethyl Ether	50.000	52.511	-5.0	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.286	1.4	85	0.00
10	T	Methyl Iodide	50.000	49.535	0.9	81	0.00
11	T	Tert butyl alcohol	250.000	263.003	-5.2	95	0.00
12	CM	1,1-Dichloroethene	50.000	48.401	3.2#	83	0.00
13	T	Acrolein	250.000	254.404	-1.8	90	0.00
14	T	Allyl chloride	50.000	49.987	0.0	86	0.00
15	T	Acrylonitrile	250.000	276.251	-10.5	93	0.00
16	T	Acetone	250.000	273.638	-9.5	94	0.00
17	T	Carbon Disulfide	50.000	45.921	8.2	78	-0.01
18	T	Methyl Acetate	50.000	54.782	-9.6	94	-0.01
19	T	Methyl tert-butyl Ether	50.000	53.964	-7.9	90	-0.01
20	T	Methylene Chloride	50.000	54.318	-8.6	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.685	0.6	84	0.00
22	T	Diisopropyl ether	50.000	55.902	-11.8	92	0.00
23	T	Vinyl Acetate	250.000	286.855	-14.7	90	0.00
24	P	1,1-Dichloroethane	50.000	52.447	-4.9	89	0.00
25	T	2-Butanone	250.000	277.513	-11.0	96	0.00
26	T	2,2-Dichloropropane	50.000	49.390	1.2	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.565	-3.1	87	0.00
28	T	Bromochloromethane	50.000	54.900	-9.8	95	0.00
29	T	Tetrahydrofuran	250.000	289.654	-15.9	96	0.00
30	C	Chloroform	50.000	53.665	-7.3#	90	0.00
31	T	Cyclohexane	50.000	46.373	7.3	82	0.00
32	T	1,1,1-Trichloroethane	50.000	51.105	-2.2	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.687	-11.4	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	55.083	-10.2	93	0.00
36	T	1,1-Dichloropropene	50.000	51.291	-2.6	83	0.00
37	T	Ethyl Acetate	50.000	57.862	-15.7	97	0.00
38	T	Carbon Tetrachloride	50.000	51.664	-3.3	85	0.00
39	T	Methylcyclohexane	50.000	48.955	2.1	82	0.00
40	TM	Benzene	50.000	53.898	-7.8	88	0.00
41	T	Methacrylonitrile	50.000	56.567	-13.1	96	0.00
42	TM	1,2-Dichloroethane	50.000	55.447	-10.9	92	0.00
43	T	Isopropyl Acetate	50.000	57.004	-14.0	95	0.00
44	TM	Trichloroethene	50.000	49.053	1.9	85	0.00
45	C	1,2-Dichloropropane	50.000	53.732	-7.5#	91	0.00
46	T	Dibromomethane	50.000	55.106	-10.2	91	0.00
47	T	Bromodichloromethane	50.000	53.571	-7.1	91	0.00
48	T	Methyl methacrylate	50.000	51.888	-3.8	91	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	1166.618	-16.7	97	0.00
50	S	Toluene-d8	50.000	54.077	-8.2	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.869	-16.3	98	0.00
52	CM	Toluene	50.000	51.341	-2.7#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	54.078	-8.2	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.984	-6.0	89	0.00
55	T	1,1,2-Trichloroethane	50.000	55.934	-11.9	95	0.00
56	T	Ethyl methacrylate	50.000	56.855	-13.7	93	0.00
57	T	1,3-Dichloropropane	50.000	54.362	-8.7	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	295.221	-18.1	102	0.00
59	T	2-Hexanone	250.000	286.696	-14.7	95	0.00
60	T	Dibromochloromethane	50.000	53.112	-6.2	91	0.00
61	T	1,2-Dibromoethane	50.000	52.347	-4.7	82	0.00
62	S	4-Bromofluorobenzene	50.000	53.653	-7.3	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	50.885	-1.8	87	0.00
65	PM	Chlorobenzene	50.000	51.072	-2.1	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.080	-2.2	77	0.00
67	C	Ethyl Benzene	50.000	51.743	-3.5#	78	0.00
68	T	m/p-Xylenes	100.000	104.994	-5.0	79	0.00
69	T	o-Xylene	50.000	49.666	0.7	75	0.00
70	T	Styrene	50.000	52.972	-5.9	79	0.00
71	P	Bromoform	50.000	55.338	-10.7	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	48.895	2.2	76	0.00
74	T	N-amyl acetate	50.000	52.493	-5.0	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.919	-5.8	86	0.00
76	T	1,2,3-Trichloropropane	50.000	52.965	-5.9	111	0.00
77	T	Bromobenzene	50.000	48.982	2.0	74	0.00
78	T	n-propylbenzene	50.000	50.166	-0.3	78	0.00
79	T	2-Chlorotoluene	50.000	49.605	0.8	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.092	-2.2	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.079	-6.2	84	0.00
82	T	4-Chlorotoluene	50.000	50.647	-1.3	80	0.00
83	T	tert-Butylbenzene	50.000	49.079	1.8	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.288	-2.6	79	0.00
85	T	sec-Butylbenzene	50.000	50.337	-0.7	79	0.00
86	T	p-Isopropyltoluene	50.000	50.366	-0.7	78	0.00
87	T	1,3-Dichlorobenzene	50.000	49.796	0.4	78	0.00
88	T	1,4-Dichlorobenzene	50.000	48.870	2.3	77	0.00
89	T	n-Butylbenzene	50.000	49.679	0.6	80	0.00
90	T	Hexachloroethane	50.000	48.829	2.3	88	0.00
91	T	1,2-Dichlorobenzene	50.000	49.378	1.2	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.287	-8.6	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.999	0.0	90	0.00
94	T	Hexachlorobutadiene	50.000	47.857	4.3	88	0.00
95	T	Naphthalene	50.000	51.917	-3.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.771	-1.5	93	0.00

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